TETRA TECH

TECHNICAL MEMORANDUM

To:	**Nevada Division of Environmental Protection**
Cc:	Nevada Environmental Response Trust Dan Pastor, Derek Amidon – Tetra Tech
From:	Kyle Hansen, Roy Marroquin, James Walker - Tetra Tech
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Subject:	Unit 4 and 5 Buildings Investigation Second Mobilization

1.0 INTRODUCTION

On behalf of the Nevada Environmental Response Trust (NERT), Tetra Tech has prepared this Unit 4 and 5 Buildings Investigation Second Mobilization Technical Memorandum (Tech Memo). The purpose of this Tech Memo is to summarize the field activities and analytical results of the second environmental investigation field mobilization performed in the area of the Unit 4 and 5 buildings (Investigation Area), present three-dimensional visualizations (3DVA) of the collected data, provide estimates of perchlorate mass in the vadose and saturated zones, and propose the scope of work and approach for the third field mobilization. The Unit 4 and 5 Buildings Investigation is a component of the NERT Remedial Investigation/Feasibility Study (RI/FS). All information presented herein, in addition to the results from the prior and future mobilizations, will be presented and further interpreted in the forthcoming Remedial Investigation (RI) Report.

The Unit 4 and 5 buildings are located on the portion of the NERT property (Site) that is leased by Tronox, LLC (Tronox). The Site is located within the Black Mountain Industrial Complex in Henderson, Nevada. The location of the Site is shown on Figure 1 and the Investigation Area within the Tronox-leased portion of the Site is shown on Figure 2.

The Unit 4 and 5 Buildings Investigation Work Plan (Work Plan) was submitted to the Nevada Division of Environmental Protection (NDEP) on March 30, 2015 (Tetra Tech, 2015). In an email dated April 9, 2015, NDEP provided three primary comments on the Work Plan: 1) Clarification regarding the decision criteria and distance for step-out borings; 2) Request for additional/supplemental laboratory analyses; and 3) Modification of the soil sampling frequency. Following receipt of comments from NDEP on April 9, 2015, a conference call was conducted on April 10, 2015 with NDEP, NERT, and Tetra Tech. During the April 10, 2015 conference call, NERT and Tetra Tech adequately responded to and addressed NDEP's comments 1 and 3, and there were no changes in the proposed scope of work pertaining to these comments. NERT agreed to analyze shallow soil samples for additional analyses as requested by NDEP in comment 2 during the first mobilization and evaluate the need to

analyze this additional analytical suite during subsequent mobilizations. NDEP subsequently approved the March 30, 2015 Work Plan with the additional supplemental analyses. Based on the first mobilization analytical results, the additional suite of analyses were not required and not performed for the second mobilization soil samples.

Implementation of the Work Plan was divided into three field mobilizations. A brief description of the Scope of Work and objectives for each of the three field events is provided below.

1.1 First Field Mobilization

The first mobilization included advancing four boreholes and collecting discrete-depth groundwater samples from the four exterior corners of the Unit 4 cell floor. The objective of the first mobilization was to obtain preliminary baseline data that would be used to direct and refine the scope of work for the second field mobilization. Both lithologic and analytical data from the first mobilization were used to guide the depth of the borings and analytical methodology to be followed during the second mobilization. The first mobilization field work was performed in late-2015 and the results of the first field mobilization are summarized in the Units 4 and 5 First Mobilization Tech Memo (Tetra Tech, 2016). The First Mobilization Tech Memo included modifications to the original Work Plan that further defined the scope of work of the second mobilization. The First Mobilization Tech Memo was approved by NDEP on June 28, 2016 following submittal of response to comments on June 24, 2016.

1.2 Second Field Mobilization

The second mobilization consisted of advancing 69 boreholes throughout the Investigation Area. Forty-seven boreholes were planned along five transects and three boreholes were planned in the vicinity of an identified sump located along the southwest corner of the Unit 4 basement, totaling 50 planned boreholes for the second mobilization. An additional 19 boreholes were added during the second mobilization, as described in Section 2.3. The boreholes and transects were strategically located in order to facilitate the generation of a three-dimensional data visualization as work progressed. Boreholes targeting sumps and trenches in the Unit 4 basement were added in accordance with the Work Plan and approved by NERT as they were identified. Step-out and step-down boreholes were proposed in a meeting with NERT, NDEP, and the United States Environmental Protection Agency (USEPA) on October 12, 2016 and were based on data gaps that had been identified at that point of the investigation. The second mobilization is the subject of this Tech Memo.

1.3 Third Field Mobilization

As described in the Work Plan, the objective of the third mobilization includes constructing five to seven monitoring wells. In addition to the activities described in the Work Plan, Tetra Tech is also recommending the advancement of additional boreholes to supplement data collected during the second mobilization, where needed, within the Investigation Area. Recommendations for the third mobilization effort are provided in more detail in Section 4.0. Implementation of the third mobilization will commence following agency concurrence of the proposed scope of work and approach provided within this Tech Memo. Following completion of the third mobilization, the results derived from all three field mobilizations will be incorporated into the NERT RI Report.

This Tech Memo is organized as follows:

- Section 2.0 presents the second mobilization strategy and scope of work, including:
    - Borehole siting, notification, permitting, and surveying;
    - Drilling, sampling, and temporary well installation;
    - Investigation derived waste (IDW) management; and
    - Field variances from the Work Plan.
- Section 3.0 summarizes the results of the second mobilization, including lithology, soil and discrete-depth groundwater analytical results, and data gaps.

- Section 4.0 presents recommendations for the third mobilization.
- Section 5.0 presents a listing of references.

2.0 SECOND MOBILIZATION FIELD ACTIVITIES

This section summarizes the second mobilization field activities and strategy guiding the implementation process. The second mobilization consisted of advancing 69 boreholes throughout the Investigation Area. Forty-seven boreholes were planned along five transects and three boreholes were planned in the vicinity of an identified sump located along the southwest corner of the Unit 4 basement, totaling 50 planned boreholes. With NDEP and USEPA approval and consistent with the Work Plan approach, 19 boreholes were added during the second mobilization. The boreholes and transects were strategically located to define the limits of this source area, estimate the mass of perchlorate in the vadose and saturated zones, and facilitate the generation of a three-dimensional data visualization as work progressed. Figure 3 shows the final locations of the boreholes along with the 19 boreholes that were added during the second mobilization. The second mobilization occurred between June 28, 2016 and January 3, 2017, and included the following activities:

- Borehole siting, notification, permitting, and surveying;
- Drilling, soil sampling, temporary well installation, and discrete-depth groundwater sampling;
- Permanent monitoring well installation;
- Well development and sampling; and
- IDW management.

The second mobilization field work was conducted in accordance with the Work Plan and the First Mobilization Tech Memo. All work was performed under the direction of a Nevada Certified Environmental Manager. A description of each of the second mobilization activities is presented in the following sections.

2.1 Second Mobilization Implementation Strategy

The primary second mobilization strategy was to advance boreholes along five transects across the Investigation Area that were aligned perpendicular to the direction of groundwater flow with boreholes located in potential contaminant source areas and designed to provide scale-appropriate spatial data for 3DVA. The layout of the boreholes was intended to provide a relatively uniform spatial distribution of data, minimizing data gaps. The borehole locations were field adjusted based on the presence of subsurface utilities or other obstructions encountered during drilling activities, resulting in some boreholes being drilled in clustered groups. The following five parallel transects were advanced: an upgradient transect located south of the Unit 4 and 5 buildings, a downgradient transect located north of the Unit 4 and Unit 5 buildings, and three transects centered inside the Unit 4 Cell Building. The three center transects included the advancement of boreholes east and west of the Unit 4 and 5 buildings as well as boreholes within the Unit 4 basement (Figure 3). Borings could not be drilled within the Unit 5 footprint due to the on-going use of this area by Tronox.

The second mobilization also included evaluating potential secondary source areas and conduits for contaminant migration and advancing boreholes at these locations. These potential secondary source areas and potential contaminant conduits included the former railroad spur loading and unloading stations located south of the Unit 4 Cell Building, as well as sumps, drains, trenches, visible cracks, or other stained or discolored surfaces within the Unit 4 Cell Building basement. Twelve of the planned boreholes in the Unit 4 basement were adjusted to target trenches identified following the Unit 4 demolition and an additional three of the planned boreholes were positioned to target a sump in the southwest portion of the Unit 4 basement. In addition to the planned boreholes, three boreholes were added to the second mobilization to target a north/south orientated trench located on the east side of the Unit 4 basement and five boreholes were added to target sumps discovered in the southern portion of the Unit 4 basement during demolition.

In addition to these boreholes, an additional four step-out borings were advanced to address lateral data gaps identified during the initial data analysis and seven step-down borings were added to address vertical data gaps. The strategy for advancing step-out borings was based on statistical criteria that provided a means of comparing relative contaminant levels from data collected during the investigation. In total, 69 soil borings were completed during the the second mobilization sampling event.

2.2 Overview of Second Mobilization Scope of Work

The second mobilization field investigation work was performed following the demolition of the Unit 4 building cell floor. Demolition activities included the removal of the column-supported Unit 4 Cell Building ground-level floor to allow access to the basement area for drilling and sampling activities. Concurrent to the demolition activities, a crushed concrete ramp was constructed to provide access for drill rigs, support vehicles, and equipment from the ground surface level to the basement floor. To accelerate the drilling schedule, the second mobilization began in areas outside the Unit 4 basement, followed by drilling in the Unit 4 basement after completion of all demolition activities.

2.2.1 Permitting and Surveying

Prior to performing invasive subsurface activities, Tetra Tech field-marked the proposed borehole locations and submitted groundbreaking permit application packages to Tronox for review and approval. At the request of Tronox, the groundbreaking permit applications were submitted as groups of boreholes, generally in close proximity, resulting in submittal of 14 groundbreaking permit packages. No boreholes were advanced until their respective groundbreaking permit package was reviewed and approved by Tronox.

One permanent monitoring well was constructed during the second mobilization within borehole U4U5-9 (MW-241). The location was chosen to provide a downgradient monitoring point of the Unit 4 building. As required by the State of Nevada Division of Water Resources, a “Request For a Waiver For Observation or Monitor Well(s)” was obtained by Tetra Tech’s drilling contractor (National EWP) before borehole U4U5-9 was drilled.

Each borehole location was surveyed by Atkins, a Nevada-licensed land surveyor, for coordinates and elevation according to the North American Datum of 1983 State Coordinate System and North American Vertical Datum of 1988. The borehole coordinates and elevations are provided in Attachment A.

2.2.2 Geophysical Utility Clearance

Each proposed borehole location, which was marked in the field by a Tetra Tech representative, was screened for subsurface utilities and other potential subsurface obstructions by a third-party geophysical utility clearance contractor prior to initiating subsurface work. Each location was also reviewed and approved by Tronox.

2.2.3 Coring

All boring locations were located on an asphalt or concrete surface and coring was required prior to hydro-vacuum services and drilling operations. The coring was performed by the drilling subcontractor, National EWP, or their subcontractor, Penhall.

2.2.4 Hydro-Vacuum Utility Clearance

As an additional precaution, Tetra Tech contracted National EWP to perform hydro-vacuum services in the upper 12 feet of each borehole prior to drilling. Hydro-vacuum is a minimally invasive method to advance the upper portion of a borehole without damaging subsurface utilities, if encountered. 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.

Six of the planned borehole locations (U4U5-13, U4U5-15, U4U5-26, U4U5-33, U4U5-34, and U4U5-46) encountered subsurface utilities or obstructions within the upper 12 feet during the hydro-vacuum clearance. As a result, these boreholes were relocated to avoid the obstructions. Relocated borehole locations were subsequently reviewed and approved by Tronox. At the request of NDEP, Tetra Tech recorded all locations where utilities were encountered and, when possible, documented the following information: type of utility encountered, depth of utility, orientation of utility, and location of new borehole. The field forms used to record this information are provided in Attachment B.

2.2.5 Drilling, Soil Sampling, and Lithologic Logging

Drilling was accomplished through conventional sonic drilling methods, which advances a nominal 6-inch diameter borehole by pushing and rotating the drill string while simultaneously vibrating the drill head. The drill string consists of an inner 4-inch diameter core barrel used to collect and recover soil samples, and an outer 6-inch diameter conductor casing to maintain borehole stability while soil collected within the inner core barrel is retrieved to the surface. The inner core barrel is advanced in 5- to 10-foot increments ahead of the outer casing, and then the outer casing is advanced. Once the outer casing is advanced to the same depth as the inner core barrel, the inner core barrel is retrieved to the surface for lithologic logging and sampling. Following recovery of the sample core, the inner core barrel is returned to the head of the drill string and the borehole is advanced to the next target depth. Additionally, discrete-depth groundwater samples were collected through the borehole, as described in Section 2.2.6.

Boreholes that were advanced below 90 feet bgs were completed using a modified drilling procedure. NDEP and NERT expressed concern that boreholes advanced below 90 feet bgs may carry-down contamination into deeper zones. To address the concern, Tetra Tech proposed and NDEP approved, the following modified drilling method for 150-foot deep boreholes that utilized the sonic casing as a temporary conductor casing:

- Boreholes were advanced to 90 feet bgs using a 10-inch diameter sonic casing.
- The 90-foot deep borehole was cleaned out and the casing raised 3-5 feet above the bottom of the borehole.
- A three-foot plug composed of time-release bentonite pellets was installed at the bottom of the borehole (below the casing) and allowed to hydrate for 90 minutes.
- Following hydration, the casing was advanced two feet into the hydrated bentonite plug, leaving the bottom foot undisturbed.
- Water inside the casing was bailed out, the depth to water in the casing was measured, and the casing was left in position overnight.
- The following morning, the depth to water in the casing was measured.
    - If the water level remained at the same depth, the seal was determined to be competent.
    - If the seal did not hold overnight, the borehole was cleaned out and the seal was re-installed.
    - If a seal constructed of bentonite failed twice at the same interval, a seal of neat cement was installed.
- With the 10-inch diameter sonic casing remaining in place, a 9-inch diameter sonic casing was advanced through the bentonite plug to the next sampling interval at 110 feet bgs.
- The seal installation procedure was repeated again at 110 feet and 130 feet bgs using 8-inch and 6-inch diameter sonic casings until the total depth of 150 feet bgs was reached with the 6-inch diameter sonic casing.

The procedure was modified slightly for the 250-foot deep step-down borehole following approval from NDEP. In lieu of the seal installation at 90, 110, and 130 feet bgs, seals were installed at 90, 150, and 200 feet bgs.

As described above in Section 2.2.4, the upper 12 feet of each borehole was advanced using the hydro-vacuum. While advancing each borehole with the hydro-vacuum, soil samples were collected at 1-foot bgs and at 2.5-foot depth intervals for lithologic logging and analytical purposes. In the upper 12 feet, soil samples were collected in stainless steel sleeves using a slide hammer sampling tool.

Following the hydro-vacuum utility clearance to a depth of 12 feet bgs, continuous soil cores were collected using a sonic drill rig from 12 feet bgs to the total borehole depth, which ranged between 90 feet and 250 feet bgs. A Tetra Tech field geologist logged the entire soil profile from ground surface to total depth. Table 1 describes the sample collection intervals for borings advanced during the second mobilization.

Table 1 Soil Sample Collection Intervals

Sample Intervals	Planned Boreholes		Step-Out Boreholes		Step-Down Boreholes	
	90-Foot Boreholes	150-Foot Boreholes	90-Foot Boreholes	150-Foot Boreholes	150-Foot Boreholes	250-Foot Boreholes
2.5-Foot Interval in the Vadose Zone	X	X	X	X		
10-Foot Interval Below the Water Table		X	X	X	X	X

Step-out and step-down boreholes were added to the second mobilization field investigation following a meeting with NDEP and USEPA on October 12, 2016. The purpose of step-out borings was to address lateral data gaps identified during data analysis, while the step-down borings were designed to address vertical data gaps (further discussed in Section 2.3.4).

Observation of visible staining or discoloration of soil during the second mobilization would have resulted in the collection and analysis of additional soil samples; however, no visible staining or discoloration was observed in any of the boreholes during the second mobilization. In addition to the collection of soil sampling at planned intervals, beginning on November 1, 2016 and continuing through the end of the second mobilization, additional soil samples were collected where sand lenses were encountered to provide additional characterization data.

The soil samples were logged in accordance with the Unified Soil Classification System (USCS) and utilized the modified American Society for Testing and Materials Method D-2488 as follows: textural classification of soil, color classification of soil, grain type, grading, roundness, matrix, plasticity, cementation, strength, and lithologic contact. Field equipment used during logging included the following items: Munsell™ color chart, USCS classification chart, grain size chart, and sample collection bags. Copies of the borehole logs for the second mobilization are provided in Attachment C.

Soil samples for laboratory analysis were collected in laboratory-supplied containers, labeled, placed in sealed plastic bags, and stored on ice in a cooler for transport to the project analytical laboratory (TestAmerica, Inc.) under chain-of-custody. Soil samples were analyzed for the following:

- Perchlorate by USEPA Method 314.0;
- Hexavalent chromium by USEPA Method 7199;
- Total chromium by USEPA Method 6010B; and
- Volatile Organic Compounds (VOCs) by USEPA Method 8260B.

As approved by NERT, beginning on November 7, 2016 and continuing through the end of the second mobilization, soil samples below the water table were also analyzed for the following to support future remedial action alternative analysis:

- Nitrate by USEPA Method 300.0;
- Sulfate by USEPA Method 300.0; and
- Chlorate by USEPA Method 300.1.

2.2.6 Groundwater Sampling and Temporary Well Construction

Discrete-depth groundwater samples were collected from each borehole following the construction of a temporary well. Within the 90-foot boreholes, the discrete-depth groundwater samples were collected at the top (groundwater first encountered), middle, and bottom (e.g., 90 feet, as defined by NDEP) of the Shallow Water Bearing Zone (WBZ). The middle depth groundwater sample was collected at a depth interval between the shallow and deep discrete-depth groundwater samples. Within the 150-foot boreholes, discrete-depth sampling continued at 20-foot intervals below the Shallow WBZ at depths of 110, 130, and 150 feet bgs. Within the 250-foot borehole, discrete-depth sampling below 90 feet was conducted at 110, 150, 200, and 250 feet bgs. In boreholes advanced within the Unit 4 basement, sample depths were adjusted by eight feet to account for the difference in elevation.

A pre-cleaned temporary well was constructed at each discrete-depth groundwater sampling depth and consisted of new, unused manufacturer-supplied 2-inch polyvinyl chloride (PVC) well casing with 5 feet of 0.010-inch slot screen at the bottom of the well. A #2/12-sized filter pack was installed around the well screen and placed to a level of at least two feet above the top of the screen interval. Three to five feet of hydrated bentonite was installed above the top of the filter pack.

Prior to collecting a discrete-depth sample, a minimum of three casing volumes of water were purged from the well using a pre-cleaned submersible pump. Throughout well purging, field parameters consisting of temperature, pH, turbidity, and electrical conductivity were collected and recorded on field sampling forms. Following the completion of purging, a small diameter disposable bailer was lowered into the well to retrieve the groundwater sample. The collected groundwater sample was immediately transferred into clean laboratory-supplied containers. Groundwater samples analyzed for perchlorate were field filtered using a syringe and a 0.2 micron filter, in accordance with NDEP guidance and the ENVIRON International Corporation (ENVIRON) Quality Assurance Project Plan, Revision 1 (QAPP) (ENVIRON, 2014a). If the water appeared turbid before filtering, a 45-micron filter was used before the 0.2 micron filter.

Discrete-depth groundwater samples were submitted to TestAmerica, Inc. for the following analyses:

- Perchlorate by USEPA Method 314.0;
- Hexavalent chromium by USEPA Method 7199;
- Total chromium by USEPA Method 200.7;
- Total dissolved solids (TDS) analysis by Method SM2540C; and
- VOCs by USEPA Method 8260B.

As approved by NERT, beginning on November 7, 2016 and continuing through the end of the second mobilization, groundwater samples were also analyzed using the following methods to support future remedial action alternative analysis:

- Nitrate by USEPA Method 300.0;
- Sulfate by USEPA Method 300.0; and
- Chlorate by USEPA Method 300.1.

Following the collection of a discrete-depth groundwater sample, the temporary well casing was removed from the borehole and the borehole was advanced to the next discrete-depth sampling interval. For boreholes advanced below 90 feet bgs, the telescoping drilling method described in Section 2.2.5 was implemented. Upon collection of the final discrete-depth groundwater sample from each borehole, the well casing was pulled from the borehole and the filter pack and bentonite were drilled out of the borehole. Following drilling out the borehole, the borehole was plugged in accordance with the State of Nevada Department of Conservation and Natural Resources (NDCNR) regulations. Each borehole was plugged with bentonite grout from the bottom of the borehole to the surface, using a tremie pipe as required in the "Regulations for Water Well and Related Drilling" provided by NDCNR. The top of the seal material for each borehole was finished to approximately six inches below the surrounding grade. After the seal material was set, a concrete patch was installed to match grade and dyed black to match the surrounding asphalt.

All sampling equipment was decontaminated before and after collecting each groundwater sample. The sampling pump was decontaminated between each sample collection using the procedures outlined in the Field Sampling Plan, Revision 1 (FSP) (Environ, 2014b).

Following collection of each groundwater sample, the PVC casing used to construct the temporary wells was removed from the borehole, decontaminated using a pressure washer, and disposed of as solid waste in a licensed municipal landfill.

2.2.7 Sample Packaging and Transport

Following the collection of soil and groundwater samples, the Tetra Tech geologist immediately packaged samples for transport to TestAmerica, a Nevada-certified analytical laboratory. Samples were collected in new laboratory supplied containers. Containers were labeled, contained in airtight plastic bags, and immediately placed in an ice-filled cooler to maintain a sample temperature of 4^{o}C or less. Glass containers were also packaged in bubble wrap to provide additional protection during transport. Sample labels contained the following information:

- Site name and project number;
- Sample identification number. The sample identification number for soil samples incorporated the borehole identification number and the depth from which the sample was collected (e.g., U4U5-6-35' represents a sample collected from borehole U4U5-6 at a depth of 35 feet bgs);
- Date and time of sample collection. The time was recorded in 24-hour clock format to avoid ambiguity;
- Preservative, if any;
- Name or initials of sampler; and
- Analyses requested.

Chain-of-custody forms were handed to the laboratory courier during sample pickup, or were stored in an airtight plastic bag in the cooler if shipped directly to the laboratory by Tetra Tech. Shipped coolers adhered to the requirements outlined in the FSP and Department of Transportation (DOT) requirements.

Due to the short hold times associated with hexavalent chromium water samples, Tetra Tech scheduled up to two laboratory courier pickups per day. The first pickup was scheduled at 12 pm and included transport of hexavalent chromium water samples collected that morning for same day air freight to the laboratory for analysis. The second pickup was scheduled for 4 pm and included all remaining samples collected that day. Drilling activities were allowed to continue beyond 4 pm, up to the point of groundwater sample collection. No groundwater samples were collected after 4 pm to ensure that hexavalent chromium samples reached the laboratory within hold time requirements.

2.2.8 IDW Management

The IDW included soil cuttings, asphalt and concrete cores, temporary well casings and well screens, personal protective equipment (PPE), equipment decontamination water, disposable bailers, and groundwater generated during discrete-depth groundwater sampling. All IDW was contained, labeled, and stored in United States DOT-approved containers. Solid waste materials were stored separately from liquid waste materials. Soil was containerized onsite in 10 20-cubic yard roll-off bins and asphalt and concrete cores were contained within two 55-gallon steel drums. The IDW containers were labeled to indicate contents, source, date, and when accumulation began. All containers used to hold drilling-derived waste were secured at the drill site by closing and securing the lids. Solid materials, such as PPE and refuse generated during the drilling activities, were containerized and disposed of as solid waste in a licensed municipal landfill.

The soil waste and asphalt and concrete cores were determined to be non-hazardous waste and subsequently disposed of at Apex Landfill, Las Vegas, Nevada. Liquid IDW was transported from the Investigation Area and discharged to the GW-11 pond for onsite treatment in the Groundwater Extraction and Treatment System (GWETS).

2.3 Field Variances

This section of the Tech Memo presents a summary of variances to the Unit 4 and 5 Buildings Investigation Work Plan and scope of work for the second mobilization presented in the First Mobilization Tech Memo.

2.3.1 Boreholes Based on Cracks, Sumps, and Trenches

As described in the Work Plan, in addition to the planned boreholes to be advanced along five transects during the second mobilization, additional boreholes would be placed in areas that were identified as potential conduits for contaminant migration to the subsurface, including the vicinity of cracks, sumps, and trenches. The following potential conduits were identified following the demolition of the Unit 4 cell floor:

- Five trenches aligned north to south in the Unit 4 basement. These trenches were connected to a sump structure along the southwest corner of the basement. The surface of the easternmost trench was very rough and appeared to have been hand dug into the concrete; by contrast, the other trenches appeared to have been part of the basement floor form when it was poured.
    - Three boreholes were advanced through each of the five trenches.
    - Fifteen boreholes advanced through the trenches include: U4U5-21, U4U5-22, U4U5-23, U4U5-24, U4U5-29, U4U5-30, U4U5-31, U4U5-32, U4U5-38, U4U5-39, U4U5-40, U4U5-41, U4U5-60, U4U5-61, and U4U5-62.
        - Boreholes U4U5-21, U4U5-22, U4U5-23, U4U5-24, U4U5-29, U4U5-30, U4U5-31, U4U5-32, U4U5-38, U4U5-39, U4U5-40, and U4U5-41 were part of the originally proposed transects and were moved slightly to target the trenches, while boreholes U4U5-60, U4U5-61, and U4U5-62 were added to target the easternmost north-south trench.
- Four sumps were identified on the southwest and southeast corners of the Unit 4 basement floor. The sumps located closest to the east and west walls of the basement were reported by Tronox to be part of a ventilation system and ran underneath the Unit 4 chlorinator building. Conductor casings were installed in the sumps and cemented in place as the sumps were filled with concrete. Drilling equipment was then advanced through the conductor casing into the subsurface. Eight boreholes were advanced through or adjacent to the sumps (U4U5-45, U4U5-46, U4U5-47, U4U5-55, U4U5-56, U4U5-57, U4U5-58, and U4U5-59).

The locations of the sumps and trenches are illustrated in Figure 4.

2.3.2 Monitoring Well Installation

Following discussions with the Trust and NDEP, Tetra Tech recommended installing one permanent monitoring well during the second mobilization to provide comparison data between the temporary well sample collected and long-term monitoring. The monitoring well was designed similar to the screened interval of the temporary well installed at 150 feet bgs in borehole U4U5-9. Following guidance from Ramboll Environ, the monitoring well installed at boring U4U5-9 was designated M-241 and is shown in Figure 3.

As required by the State of Nevada Division of Water Resources, a "Request For a Waiver For Observation or Monitor Well(s)" was obtained by National EWP before borehole U4U5-9 was drilled. The deepest discrete-depth groundwater sample from borehole U4U5-9 was collected at a depth of 150 feet bgs with well screen from 145 to 150 feet bgs. Following completion of temporary well sampling, the temporary well casing was removed along with sonic casing smaller than 10 inches in diameter that had been telescoped into the borehole. The 10-inch diameter sonic casing was advanced to a total depth of 150 feet bgs, where the permanent monitoring well was installed. Figure 5 provides the construction details of monitoring well M-241, including filter pack, transition sand, bentonite seal, and bentonite grout. The well was constructed of 4-inch diameter Schedule 80 PVC with a 0.010-inch slot screen between 145 to 150 feet bgs. For comparison, the adjacent monitoring well M-12 is screened from 40 to 50 feet bgs. The well was completed with a flush-mounted, tamper-resistant, traffic-rated well box installed at an elevation approximately one-half inch above grade.

Following well construction, the monitoring well was developed. Primary development, was performed by the drillling contractor no sooner than 24 hours after well construction and consisted of using a surge block and bailer to swab and surge the filter pack and remove sediment from the well. Tetra Tech completed secondary development of the well by pumping with a submersible pump to purge the well of fine-grained sediment. Well development was considered complete when ten casing volumes of water had been removed from the well and index parameters consisting of pH, specific conductivity, turbidity, and temperature were within 10 percent over three consecutive measurements. All index parameter readings were recorded by Tetra Tech on well development logs. All solids were transported to an onsite roll-off bin for characterization and off-site disposal. Development water was containerized, transported, and disposed of at the GW-11 pond in coordination with the GWETS operator, Envirogen Technologies.

Following well development, the water level in the well was allowed to recover to at least 90 percent of the static water level prior to collecting a groundwater sample. A groundwater sample was collected using low-flow purging and sampling techniques conducted between approximately 300 to 500 milliliters per minute, to minimize drawdown and induce inflow of fresh groundwater. The pump discharge water passed through a flow-through cell field water analyzer for continuous monitoring of field parameters (temperature, pH, turbidity, specific conductivity, dissolved oxygen, and oxidation reduction potential) which were monitored and recorded on the field sampling forms during purging. Purging was considered complete and the well was sampled when the field parameter readings and water level stabilized. A groundwater sample was collected from MW-241 on January 3, 2017 and analyzed for the following:

- Perchlorate by USEPA Method 314.0;
- Hexavalent chromium by USEPA Method 7199;
- Total chromium by USEPA Method 200.7;
- TDS analysis by Method SM2540C;
- Nitrate by USEPA Method 300.0;
- Sulfate by USEPA Method 300.0; and
- Chlorate by USEPA Method 300.1.

A water sample will be collected from M-241 and analyzed for the full suite of constituents of concern (COCs) outlined in the Work Plan during the third mobilization.

2.3.3 Borehole Depth Variations

The First Mobilization Tech Memo included recommendations to increase the depth of three of the second mobilization boreholes from 90 to 115 feet bgs. However, after subsequent discussions with the Trust and NDEP, it was determined that the depth of the three boreholes would be increased to 150 feet bgs, with groundwater samples collected at approximately 50, 70, 90, 110, 130, and 150 feet bgs, and soil samples collected at 10-foot intervals below the water table. The telescoping drilling and grouting approach, approved by the Trust and NDEP, was used to advance the 150-foot boreholes to minimize potential carry down of contaminants to zones below the Shallow WBZ.

Four 150-foot boreholes (U4U5-5, U4U5-9, U4U5-16, and U4U5-31) provided samples downgradient of the Unit 4 building, downgradient of the Unit 5 building, and directly below the center of the Unit 4 basement building, respectively. The borehole locations are illustrated in Figure 3.

2.3.4 Step-Out and Step-Down Boreholes

Tetra Tech, the Trust, NDEP, and the USEPA met on October 12, 2016 to review data collected to date and discuss placement of step-out and step-down boreholes. At the time of the meeting, analytical results from 46 boreholes were available for review. To illustrate data collected to date, Tetra Tech prepared a series of three-dimensional visualizations to illustrate the distribution of perchlorate and hexavalent chromium in soil and groundwater. Additionally, an uncertainty analysis was presented, which illustrated areas where data uncertainty was greatest. The uncertainty analysis is a statistical calculation that was completed using the Environmental Visualization System (EVS) software. The data uncertainty analysis illustrated areas of data gaps to be filled for step-out borings as described in the Work Plan.

The statistical analysis revealed greater uncertainty in the upper 90 feet south of the Unit 4 and Unit 5 buildings and east of the Unit 5 building. Perchlorate and hexavalent chromium distribution uncertainty was also identified within the footprint of inaccessible buildings, including the Unit 5 building. Additionally, the analytical results of groundwater samples collected from the 150-foot boreholes indicated that perchlorate and hexavalent chromium concentrations were highest in samples collected at 110-feet bgs.

During the October meeting, Tetra Tech recommended advancing additional boreholes to provide further vertical and lateral characterization. These recommendations were approved by the Trust, NDEP, and USEPA and are summarized as follows:

90-Foot Step-Out Boreholes

- Advance four step-out boreholes to 90 feet bgs (U4U5-67, U4U5-69, U4U5-71, and U4U5-73). The locations of these borings were positioned to address areas of greater lateral uncertainty identified by the EVS uncertainty analysis.
- Collect soil samples from these step-out borings at 2.5-foot intervals from ground surface to the water table and at 10-foot intervals below the water table to total depth.
- Collect discrete-depth groundwater samples from temporary wells within each step-out boring at approximately 50, 70, and 90 feet bgs.

150-Foot Step-Down Boreholes

- Advance six step-down boreholes to a depth of 150 feet bgs (U4U5-64, U4U5-65, U4U5-66, U4U5-68, U4U5-70, and U4U5-72). These boreholes were positioned to increase vertical resolution of COC distribution below 90 feet bgs. Boreholes U4U5-68, U4U5-70, and U4U5-72 were also positioned to address areas of greater lateral uncertainty identified by the EVS uncertainty analysis within the upper 90 foot zone.
- Collect soil samples at 2.5-foot intervals from ground surface to the water table from three of the step-down boreholes (U4U5-68, U4U5-70, and U4U5-72). Sample collection from above the water table from

boreholes U4U5-64, U4U5-65, and U4U5-66 was not recommended because sufficient soil data was already collected from the vadose zone within the Unit 4 basement.

- Collect soil samples at 10-foot intervals below the water table from all six step-down boreholes (U4U5-64, U4U5-65, U4U5-66, U4U5-68, U4U5-70, and U4U5-72).
- Collect discrete-depth groundwater samples from temporary wells within each step-down boring at general targeted depths of 50, 70, 90, 110, 130, and 150 feet bgs.
- Utilize telescoping sonic casing to advance the 150-foot step-down borings. The telescoping casing approach consists of advancing 10-inch casing to a depth of 90 feet bgs, 9-inch casing to 110 feet bgs, 7-inch casing to 130 feet bgs, and 6-inch casing to 150 feet bgs.
- Install bentonite or cement/bentonite seals at 90, 110, and 130 feet bgs, and perform hydraulic competency tests to ensure a competent seal is in place, prior to advancing the casing to the subsequent groundwater sampling interval.

250-Foot Extended Step-Down Borehole

- Advance one borehole to a depth of 250 feet bgs (U4U5-63). This borehole was designed to collect characterization data below a depth of 150 feet bgs. This borehole was advanced below the highest perchlorate and hexavalent chromium concentrations observed at that point of the investigation.
- Collect soil samples from borehole U4U5-63 at 10-foot intervals below the water table. Soil sample collection from above the water table was not recommended because sufficient soil data was already collected from the vadose zone within the Unit 4 basement.
- Collect groundwater samples from temporary wells at general targeted depths of 50, 70, 90, 110, 130, 150, 200, and 250 feet bgs.
- Utilize telescoping sonic casing to advance the extended step-down boring to a depth of 250 feet bgs. The telescoping casing approach for this borehole consists of 10-inch casing to a depth of 90 feet bgs, 9-inch casing to 150 feet bgs, 7-inch casing to 200 feet bgs, and 6-inch casing to 250 feet bgs.
- Install bentonite or cement/bentonite seals at 90, 150, and 200 feet bgs and perform hydraulic competency tests to ensure a competent seal is in place prior to advancing the casing to the subsequent groundwater sampling interval.

2.3.5 Additional Analytical Testing

On November 7, 2016, Tetra Tech recommended that the analytical suite be expanded to support future remedial action alternative analysis. This recommendation was approved by the Trust, NDEP, and USEPA and all soil samples collected at 10-foot intervals and all groundwater samples were additionally analyzed by the following additional analyses:

- Nitrate by USEPA Method 300.0;
- Sulfate by USEPA Method 300.0; and
- Chlorate by USEPA Method 300.1.

2.3.6 Sample Collection Variances

As described in the Work Plan, soil samples were to be collected at 2.5-foot intervals in the vadose zone. Although every attempt was made to achieve this goal, there were some cases where this was not possible due to a lack of recovery from the borehole. These intervals are noted in the lithology logs provided in Attachment C.

As described in Section 2.3.4, soil samples were to be collected for the full suite of analyses at 10-foot intervals below the water table in step-out boreholes U4U5-67, U4U5-69, and U4U5-71. However, due to a chain-of-custody transcription error, only nitrate, sulfate, and chlorate analyses were requested for the samples collected

below the water table from these boreholes, and therefore, samples were not analyzed for the full suite of analyses.

VOCs samples were collected but not analyzed from the temporary well installed at 50 feet bgs in borehole U4U5-26. Although the glass vials containing the sample were delivered to the laboratory, the vials were stored in a freezer and discovered broken the following day. There was no additional preserved sample available to complete the VOC analysis.

3.0 RESULTS

This section summarizes the results of the second mobilization including lithology, soil analytical results, discrete-depth groundwater analytical results, and groundwater monitoring well analytical results. Complete analytical results are provided in Attachment D. Data generated during the second field mobilization has also been evaluated through the development of 3DVA. The 3DVA framework plots, distribution of perchlorate, hexavalent chromium, and chloroform in soil and groundwater are provided in Attachment E. While the data presented herein is primarily intended to support and define the third mobilization recommendations, the overall extent of contamination for any constituent detected during the Unit 4 and 5 Buildings Investigation will be determined and interpreted in the forthcoming RI Report.

Three-dimensional visualizations of the distribution of perchlorate, hexavalent chromium, and chloroform are discussed in following sections. As a reference, the lithologic contacts between the Quaternary alluvial deposits (Qal) and the Upper Muddy Creek Formation (UMCf) have been added to the visualizations to show the relationship between lithology and perchlorate, hexavalent chromium, and chloroform distribution. The contact planes portrayed on the figures are an approximation based on the encountered lithology during the second mobilization.

3.1 Lithology

The lithology encountered during the second mobilization consists of interlayered clay, silt, sand, and gravel of varying thicknesses, which is characteristic of the Qal and UMCf deposits described in previous investigations. The Qal consists primarily of sand and silty sand while the UMCf, which underlies the alluvium within the Investigation Area, consists of interbedded coarse-grained and fine-grained sediments. The contact between the base of the sandy alluvium and the top of the UMCf in the Investigation Area is encountered at a depth of approximately 35 feet bgs. The upper 30-40 feet of the UMCf within the investigation area is characterized by a higher proportion of sandy interbeds which transition into predominately fine-grained materials, including silt, sandy silt, and clayey silt. Intervals of predominantly coarse-grained water-bearing sand and/or gravel and intervals of predominantly fine-grained silt and/or clay units were identified throughout the boreholes. The lithologic log for each borehole is provided in Attachment C.

3.2 Soil Sampling Results

Soil samples were collected at 2.5-foot intervals from one foot bgs to the top of groundwater (35 to 45 feet bgs) and analyzed for perchlorate, hexavalent chromium, total chromium, percent moisture, and VOCs. In some cases, soil samples were collected at 10-foot intervals below the water table and analyzed for the same suite of analyses. The soil analytical results from all of the boreholes are provided in Attachment D and discussed in Section 3.6. A summary of the soil concentration ranges of detected analytes is presented in Table 2.

In addition to the analytes summarized above, VOCs were detected, including 1,2-dichlorobenzene, 1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 2-butanone, 2-hexanone, 4-methyl-2-pentanone, acetone, benzene, bromodichloromethane, bromoform, carbon tetrachloride, chloroform, dibromochloromethane, ethyl-t-butyl ether, isopropyl ether, m,p-xylene, methyl-t-butyl ether,

napthalene, n-butylbenzene, o-xylene, p-isopropyltoluene, sec-butylbenzene, styrene, tert-butyl alcohol, tert-butylbenzene, tetrachloroethene, toluene, trichloroethene, and trichlorofluoromethane.

Table 2 Concentration Range in Soil (mg/Kg)*

Analyte	Quaternary Alluvium (0-35 feet bgs)	Upper Muddy Creek Formation (35-75 feet bgs)	Upper Muddy Creek Formation (75-125 feet bgs)	Upper Muddy Creek Formation (125-250 feet bgs)
Perchlorate	0.01 – 25,000	0.055 – 860	0.061 – 3,800	0.014 – 90
Hexavalent Chromium	0.16 – 380	0.18 – 23	0.25 – 62	0.37 – 4.4
Total Chromium	0.13 – 760	6.9 – 190	14 – 170	23 – 110
Chloroform	0.0009 – 1.0	0.0012 – 0.31	0.0012 – 5.2	0.0019 – 0.13

*Laboratory flags are not included on the summary table, but are provided in Attachment D.
mg/Kg – milligrams per kilogram
bgs – below ground surface

3.3 Discrete-Depth Groundwater Sampling Results

Discrete-depth groundwater samples were collected from each borehole during the second mobilization, as described in Section 2.2.6. Groundwater was first encountered at depths between 30 and 47.5 feet bgs. Following installation of the temporary wells, depth to groundwater stabilized between approximately 37.5 and 43 feet bgs. A discussion of the discrete-depth analytical results is provided in Section 3.6 and groundwater results are presented in Attachment D. A summary of the range of concentrations from the discrete-depth groundwater samples is presented in Table 3.

In addition to the analytes summarized above, the following VOCs were detected: 1,1-dichloroethene,1,2,4-trimethylbenzene, 2-butanone, 2-hexanone, 4-methyl-2-pentanone, acetone, benzene, bromodichloromethane, bromoform, carbon tetrachloride, chlorobenzene, chloromethane, cis-1,2-dichloroethene, dibromochloromethane, methylene chloride, methyl-t-butyl ether, napthalene, o-xylene, p-isopropyltoluene, styrene, tert-butyl alcohol, tetrachloroethene, toluene, and trichloroethene.

Table 3 Concentration Range in Groundwater (mg/L)*

Analyte	Quaternary Alluvium (0-35 feet bgs)	Upper Muddy Creek Formation (35-75 feet bgs)	Upper Muddy Creek Formation (75-125 feet bgs)	Upper Muddy Creek Formation (125-250 feet bgs)
Perchlorate	3.9 – 2,900	0.92 – 3,500	1.4 – 6,700	0.057 – 570
Hexavalent Chromium	0.34 – 12.0	0.002 – 42.0	0.0003 – 110	0.003 – 6.1
Total Chromium	0.43 – 12.0	0.012 – 38.0	0.013 – 110	0.032 – 5.7
Chloroform	0.043 – 1.6	0.002 – 0.66	0.00097 – 7.8	0.0003 – 0.18
TDS	3,100 – 13,000	430 – 24,000	890 – 48,000	630 – 6,400

*Laboratory flags are not included on the summary table, but are provided in Attachment D.
mg/L – milligrams per liter
bgs – below ground surface

3.4 Monitoring Well M-241 Sampling Results

A groundwater sample was collected from the newly installed monitoring well M-241 on January 3, 2017, as described in Section 2.3.2, and analyzed for the following: perchlorate, hexavalent chromium, total chromium, TDS, nitrate, sulfate, and chlorate.

A summary of the results is presented in Table 4, which provides a comparison to the analytical results obtained from the temporary well installed at 150 feet bgs in borehole U4U5-9. The temporary well and permanent well were screened between 145 to 150 feet bgs.

Table 4 Temporary Well and Permanent Well Comparison (mg/L)*

Analyte	Temporary Well Sampling Results (U4U5-9 @ 150 feet bgs)	Permanent Well Sampling Results (Monitoring Well M-241)
Perchlorate	0.30	ND (0.00095)
Hexavalent Chromium	0.025	0.024
Total Chromium	0.22	0.023
TDS	630	540
Nitrate	1.6	1.2
Sulfate	180	170
Chlorate	1.0	ND (.01)

*mg/L – milligrams per liter

3.5 Data Validation

All data generated during the second mobilization have been validated in accordance with the NERT QAPP (ENVIRON, 2014a). In accordance with NDEP's approval of the Work Plan a data validation summary report will be generated following the completion of the third mobilization that encapsulates data generated during all three mobilizations.

3.6 Discussion of Results

This section presents a discussion of the analytical results from the second mobilization of the Unit 4 and 5 Buildings Investigation. Ultimately, the Comprehensive RI Report will define the extent of contamination of all constituents originating from the NERT site.

3.6.1 Perchlorate in Soil

The second mobilization analytical results confirmed the preliminary findings obtained during the first mobilization, which were that perchlorate exceeds the Leaching-based Basic Comparison Level (LBCL) of 0.0185 mg/Kg throughout the Investigation Area in both the Qal and the UMCf and is distributed throughout the Investigation Area with elevated perchlorate concentrations detected as high as 25,000 mg/Kg in the Qal and UMCf between 25 and 45 feet bgs. A second zone of elevated perchlorate with concentrations up to 3,800 mg/Kg was also identified in the UMCf at a depth of approximately 100-110 feet bgs. Figures E-1 and E-2 in Appendix E provide three-dimensional representations of perchlorate distribution in soil throughout the Investigation Area and illustrate the areas of highest perchlorate concentrations in the Qal and UMCf.

As shown in Figures E-3 through E-5, the highest perchlorate concentrations in soil are present in the Qal immediately adjacent to the Unit 4 basement on both the east and west sides of the building, while the highest perchlorate concentrations in soil in the UMCf occur directly below and downgradient of the northern portion of the Unit 4 basement.

The distribution of perchlorate in soil suggests that the Unit 4 building was a source of perchlorate to groundwater. Perchlorate concentrations below and adjacent to the Unit 4 basement show high concentrations of perchlorate from near ground surface to the water table. Below the water table, perchlorate concentrations in soil decline as much as an order of magnitude within the upper saturated interval of the UMCf, while concentrations in the lower saturated intervals of the UMCf are comparable but slightly lower to those within the Qal**.**

3.6.2 Perchlorate in Groundwater

Perchlorate exceeded the groundwater Basic Comparison Level (BCL) of 0.018 mg/L throughout much of the Investigation Area. Although perchlorate was detected in groundwater within the Qal at concentrations as high as 2,900 milligrams per liter (mg/L) and in the upper saturated interval of the UMCf as high as 3,500 mg/L, perchlorate as high as 6,700 mg/L was detected in the lower saturated interval of the UMCf. As can be seen on Figures E-6 through E-10, the highest perchlorate concentrations in groundwater were observed directly below and downgradient of the Unit 4 building in the UMCf. Although groundwater samples could not be collected from below the Unit 5 building, the perchlorate concentrations downgradient of the Unit 5 building suggest a similar distribution pattern.

3.6.3 Hexavalent Chromium in Soil

Hexavalent chromium exceeded the LBCL of 2 mg/Kg throughout the Investigation Area in both the Qal and the UMCf. Hexavalent chromium concentrations in soil exhibit a similar distribution as the perchlorate concentrations, with the highest hexavalent chromium concentrations observed in the Qal and the UMCf throughout much of the Investigation Area (Figures E-11 through E-15). Hexavalent chromium concentrations also decrease below a depth of 125 feet in the UMCf. Within the Qal, the highest hexavalent chromium concentrations were observed on the east and west sides of the Unit 4 basement, as shown at a depth of 33 feet bgs. Similar to the distribution of perchlorate, hexavalent chromium concentrations decreased within the upper, coarse-grained interval of the UMCf as seen at a depth of 53 feet bgs. Within the UMCf at 93 feet bgs, the highest hexavalent chromium concentrations in soil are present directly below the west side of the Unit 4 basement with elevated concentrations also observed north of the Unit 4 building.

3.6.4 Hexavalent Chromium in Groundwater

Hexavalent chromium concentrations in groundwater are similar to the perchlorate concentration distribution in groundwater, with concentrations exceeding the groundwater BCL of 0.1 mg/L throughout much of the Investigation Area. The highest concentrations were observed below and downgradient of the Unit 4 building within the UMCf at approximately 100 and 110 feet bgs (Figures E-16 through E-20).

3.6.5 Chloroform in Soil

Chloroform concentrations in soil were detected throughout the Investigation Area at concentrations that exceeded the LBCL of 0.03 mg/Kg in a similar distribution to perchlorate and hexavalent chromium. The chloroform concentrations detected in the Qal are consistent with the range of chloroform concentrations previously reported near the Unit 4 building in the 2015 Ramboll Environ Technical Memorandum, Preliminary Evaluation of Chloroform Sampling Data (Ramboll Environ, 2015). The distribution of chloroform in soil in the Investigation Area (Figures E-21 through E-25) shows that the highest chloroform concentrations in soil are present in the Qal and lower saturated interval of the UMCf and observed below and along the northwest side of

the Unit 4 basement. Unlike perchlorate and hexavalent chromium, the highest chloroform concentrations in the Qal are lower than those concentrations observed in the UMCf.

3.6.6 Chloroform in Groundwater

Similar to its distribution of chloroform in soil, elevated chloroform concentrations in groundwater were observed below the Unit 4 building and primarily within the lower saturated interval of the UMCf, with the highest chloroform concentrations observed below and downgradient of the Unit 4 building (Figures E-26 through E-30). Chloroform exceeded the groundwater BCL of 0.00022 mg/L throughout much of the Investigation Area.

3.6.7 Other VOCs in Soil and Groundwater

VOCs other than chloroform were present within the Investigation Area at concentrations in excess of their respective LBCLs and BCLs. However, detections of these VOCs were more sporadic, with fewer samples exceeding their respective BCLs and LBCLs than the primary COCs. The following VOCs were detected at concentrations above their respective LBCLs in the soil: 1,2,4-trimethylbenzene, 2-hexanone, acetone, methylene chloride, tetrachloroethene, and trichloroethene. The following VOCs were detected at concentrations above their respective BCLs in groundwater: bromodichloromethane, chloromethane, dibromochloromethane, methylene chloride, and napthalene.

3.6.8 Perchlorate Mass Estimates

In addition to providing the distribution of COCs in the vadose zone and saturated zone, as illustrated in the 3DVA graphics provided in Attachment E, the Earth Volumetric Studio software algorithm can also provide an estimated COC mass in the Investigation Area from soil samples collected in the vadose zone and saturated zone. To estimate the perchlorate mass, the porosity of the soil samples was assumed to be 50 percent, the soil density to be 1.5 grams per cubic centimeter, and the chemical density to be 1.0 gram per cubic centimeter (based on previously collected geotechnical data from the Ammonium Perchlorate Area). The “volumetrics” module was used to sum the mass of perchlorate using the 3 dimensional interpolation performed for the 3DVA visualization. Based on soil data, the perchlorate mass in the Investigation Area was estimated to be 140,000 pounds in the vadose zone and 220,000 pounds in the saturated zone. These mass estimates are based on the current understanding of the distribution of perchlorate in the Investigation Area (Tetra Tech, 2017).

3.7 Data Gaps

An analysis of the results of the second mobilization analytical results indicates the following data gaps:

- Absence of soil and groundwater data below the Unit 5 building. Samples collected downgradient of the Unit 5 building exhibit elevated concentrations of COCs. Potential sources include uncharacterized releases from the Unit 5 building or preferential pathways from the Unit 4 building.
- Absence of temporal groundwater data. Additional groundwater monitoring well data are needed to confirm the concentrations observed within the UMCf, specifically needed to verify the high concentrations observed between approximately 90-110 feet bgs and low concentrations observed at 130 feet bgs and below. Additional soil and groundwater data are also needed west of the Investigation Area.
- Elevated concentrations of COCs were observed along the westernmost boreholes advanced within the Investigation Area. This data gap west of the Unit 4 and 5 Building Investigation Area will be addressed by the RI Phase 2 investigation implemented by Ramboll Environ.
- Absence of hydraulic conductivity data. Hydraulic conductivity values are unknown for the UMCf in the Investigation Area.

4.0 RECOMMENDATIONS FOR THE THIRD MOBILIZATION

As described in the Work Plan, data generated during the first and second mobilizations was used to guide development of the third mobilization plan. The data that was collected to direct the decision-making process includes:

- Depth of lithologic contacts (Qal and UMCf);
- Depth to first groundwater; and
- Distribution of perchlorate, hexavalent chromium, and chloroform in soil and groundwater.

The recommended scope of work for the third mobilization includes two primary components: 1) Advancement of angled boreholes to further investigate under the Unit 5 Building; and 2) Construction of monitoring wells to confirm the results obtained from discrete-depth groundwater samples collected from temporary wells and to provide necessary data for the RI Report, FS, and ultimately long-term monitoring. Each of these work components is described below.

4.1 Unit 5 Angled Boreholes

One of the data gaps identified above is the lack of data from under the Unit 5 building. Based on the presence of COCs downgradient of the Unit 5 building at concentrations similar to those downgradient of the Unit 4 building, the Unit 5 building remains a potential uncharacterized COC source to groundwater. However, the Unit 5 building has active operations that prevented advancing vertical boreholes below the building during the second mobilization. In order to fill the data gaps under the Unit 5 building area, it is proposed to advance four boreholes at a 45-degree angle from outside of the Unit 5 building. Boreholes will be advanced to an equivalent vertical depth of 150 feet bgs. Soil and discrete-depth groundwater samples will be collected. Figure 6 presents the proposed angled borehole locations and orientations. While this investigation method provides much less detail on COC distribution than vertical wells, the advancement of angled borings underneath the Unit 5 building will provide the data needed to facilitate the development of remedial decisions for the area underneath the Unit 5 building based on the Remedial Action Objectives.

The advancement of angled borings is a technique routinely used by Tetra Tech and its subcontractor National Drilling for mining, environmental, and geotechnical projects. It is commenly employed in situations like this, where data is needed underneath an existing building. The drill rig that will be employed at the site to advance the borings is capable of easily advancing borings at a 45-degree angle, and is capable of advancing borings at shallower angles if needed.

Soil samples from the angled boreholes will be collected at 3.5 foot intervals from ground surface to the top of groundwater at approximately 50 feet bgs and at 14-foot intervals from 60 feet bgs to the total depth (approximately 150 feet bgs). The proposed sample collection intervals are equivalent to the vertical depth intervals used in the prior vertical borings (e.g. 2.5-foot intervals above 50 feet bgs and 10-foot intervals below 50 feet bgs). Soil samples will be analyzed for the following analytes:

- Perchlorate by USEPA Method 314.0;
- Hexavalent chromium by USEPA Method 7199;
- Total chromium by USEPA Method 200.7;
- VOCs by USEPA Method 8260B;
- Nitrate by USEPA Method 300.0;
- Sulfate by USEPA Method 300.0; and
- Chlorate by USEPA Method 300.1.

Groundwater samples will be collected through the installation of temporary wells, using similar techniques and sampling intervals followed during the second mobilization. Discrete-depth groundwater samples will be collected

at 71, 99, 127, 156, 184, and 212 feet bgs, which are equivalent to the vertical depths of the prior discrete-depth groundwater samples (e.g. 50, 70, 90, 110, 130, and 150 feet bgs) collected during the second mobilization. Groundwater samples will be analyzed for the following analytes:

- Perchlorate by USEPA Method 314.0;
- Hexavalent chromium by USEPA Method 7199;
- Total chromium by USEPA Method 200.7;
- TDS analysis by Method SM2540C;
- VOCs by USEPA Method 8260B.
- Nitrate by USEPA Method 300.0;
- Sulfate by USEPA Method 300.0; and
- Chlorate by USEPA Method 300.1.

4.2 Groundwater Monitoring Wells

Another data gap identified and a primary component of the third mobilization is the construction of permanent groundwater monitoring wells to confirm the results obtained from discrete-depth groundwater samples collected from temporary wells. In the Work Plan, it was initially planned to install five to seven single completion groundwater monitoring wells in the Shallow WBZ. At the time the Work Plan was prepared, it was thought that the highest COC concentrations were limited to the Shallow WBZ based on previous data collected from the area. However, results from the second mobilization have shown that the highest COC concentrations are observed in the Middle WBZ in both soil and groundwater below and downgradient of the Unit 4 building. The COC concentrations in the Middle WBZ are similar to, or greater, than those observed in the Shallow WBZ.

For the third mobilization, it is proposed to install seven nested and clustered groundwater monitoring wells. The well design will include a cluster of two boreholes at each location, with two casings within the first borehole and the third casing in the adjacent second borehole. Proposed monitoring well locations and well design are shown on Figures 7 and 8, respectively. The proposed monitoring well locations include:

- One monitoring well cluster upgradient of the Unit 4 building;
- Three monitorng well clusters adjacent to the Unit 4 and 5 buildings including one monitoring well on the west and east side of Unit 4 and one monitoring well installed in the basement of Unit 4; and
- Three monitoring well clusters downgradient of the Unit 4 and 5 buildings.

The clustered well design includes well screens in the following depth intervals (Figure 8):

Borehole 1

- 60 – 70 feet bgs (Shallow WBZ);
- 100 – 110 feet bgs (Middle WBZ); and

Borehole 2

- 140 – 150 feet bgs (Middle WBZ).

Current groundwater monitoring in the Investigation Area is limited to monitoring wells installed only in the Shallow WBZ, typically at depths less than 60 feet bgs. The increased depth of monitoring wells is proposed due to high COC concentrations observed in the Middle WBZ during the second mobilization. The proposed groundwater monitoring wells are designed to provide groundwater monitoring data above, within, and below the highest COC concentrations and to provide vertical hydraulic gradient data through the UMCf.

One of the proposed wells located north of Unit 4 is adjacent to monitoring well M-241, installed during the Second Mobilization, which is screened between 145 and 150 feet bgs. As a result, the second borehole with the deepest well completion will not be required at this location.

Due to the number of soil samples collected and analyzed from the vadose zone during the second mobilization, soil samples will only be collected for analytical purposes from the saturated interval of the monitoring well boreholes advanced during the third mobilization. It is proposed to collect soil samples at the top of the water table, and at 10-foot intervals to total depth. Soil samples will be analyzed for the same suite of analytes as performed during the second mobilization:

- Perchlorate by USEPA Method 314.0;
- Hexavalent chromium by USEPA Method 7199;
- Total chromium by USEPA Method 200.7;
- VOCs by USEPA Method 8260B;
- Nitrate by USEPA Method 300.0;
- Sulfate by USEPA Method 300.0; and
- Chlorate by USEPA Method 300.1.

Following the installation of each monitoring well nest, monitoring wells will be developed and sampled with the development rig in accordance with the existing FSP, while the drill rig continues to its next borehole.

Following the completion of drilling monitoring well construction, development, and sampling activities, up to 10 monitoring wells will be selected to conduct single well low-flow/low-volume extraction tests (low-flow pumping tests) and single well falling-head/rising-head tests (slug tests) to quantify the hydraulic conductivity of the UMCf throughout the Investigation Area. The selection of the well casings for these tests will provide hydraulic parameters laterally and vertically across the Investigation Area. Reliability of the data is improved by conducting both low-flow pumping tests and slug tests to corroborate hydraulic parameters determined by the respective testing.

The low-flow pumping tests will be conducted by pumping water at a low rate, approximately 1 liter per minute, for 30 minutes. Drawdown will be measured during the pumping and recovery phases by a pressure transducer installed in the monitoring well with the pump.

Slug testing will consist of two falling-head (e.g., “slug in”) and rising-head (e.g., “slug-out) tests at each monitoring well casing using an appropriately-sized solid cylinder slug device. The slug tests will be conducted by dropping a solid slug into the water column, causing the water level to rise. After equilibrium of the water level, the slug will then be rapidly removed, causing a lowering of the water level. Water level recovery and elapsed time will be recorded until water level equilibrium has been reached. Both manual water level gauging and pressure transducers will be utilized for recording changes in water level during these tests. A manual gauging and pressure transducer installation log will be provided for each tested well.

Following completion of the tests, the transmissivity and hydraulic conductivities of each test will be determined using AQTESOLV (HydroSOLVE, Inc., 2007). Wastewater generated during the tests will be containerized and transported to the GW-11 pond for disposal.

4.3 Third Mobilization Summary

In summary, based on the results of the second field mobilization, Tetra Tech proposes that the third mobilization include the following:

- Advancement of four 45-degree angled boreholes below the Unit 5 building:
    - Collection of soil samples at 3.5-foot intervals (equivalent to 2.5-foot intervals in vertical boreholes) from ground surface to 50 feet bgs;
    - Collection of soil samples at 14-foot intervals from 60 feet bgs to total depth (equivalent to 10-foot intervals in vertical boreholes) to a total depth of 212 feet (equivalent to 150 feet bgs in vertical boreholes); and

  - Collection of discrete-depth groundwater samples from three intervals in each borehole within the Shallow WBZ collected at the top, middle, and base at approximately 71, 99, and 127 feet (equivalent to 50, 70, and 90 feet bgs in vertical boreholes), and three intervals within the Middle WBZ at approximately 156, 184, and 212 feet (equivalent to 110, 130, and 150 feet bgs in vertical boreholes).
- Installation of seven monitoring well clusters within the Investigation Area:
  - One upgradient monitoring well cluster;
  - Three monitoring well clusters adjacent to the Unit 4 and Unit 5 Cell Buildings;
  - Three monitoring well clusters downgradient of the Unit 4 and Unit 5 Cell Buildings;
  - Each cluster will include two boreholes, one borehole with two well casings and one borehole with one well casing.
  - Collection of soil samples at 10-foot intervals from the top of the water table to total depth from the deepest borehole at each location.
- Collection of groundwater samples from each monitoring well.
- Performance of up to 10 single well low-flow/low-volume extraction tests and single well slug tests to quantify the hydraulic conductivity of the UMCf throughout the Investigation Area.

The locations of the proposed boreholes and monitoring wells are shown on Figure 9. Tetra Tech will implement the third mobilization following concurrence from NDEP and USEPA with the proposed third mobilization implementation plan described above.

5.0 REFERENCES

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CERTIFICATION

Technical Memorandum
Unit 4 and 5 Buildings Investigation Second Mobilization

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 systems(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 aspects.

Office of the Nevada Environmental Response Trust

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

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

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

Date: 5-5-17

CERTIFICATION

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 prepared 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.

Description of Services Provided: Preparation of the Unit 4 and 5 Buildings Investigation Second Mobilization Technical Memorandum for the Nevada Environmental Response Trust Site in Henderson, Nevada.

Kyle Hansen, CEM May 4, 2017
Field Operations Manager/Geologist
Tetra Tech, Inc.

Nevada CEM Certificate Number: 2167
Nevada CEM Expiration Date: September 18, 2018

LIST OF ACRONYMS

Acronyms/Abbreviations	Definition
3DVA	Three-dimensional visualization analysis
BCL	Basic Comparison Level
bgs	below ground surface
COCs	Constituents of concern
DOT	Department of Transportation
ENVIRON	ENVIRON International Corporation
EVS	Environmental Visualization System
FSP	Field Sampling Plan
GWETS	Groundwater Extraction and Treatment System
IDW	Investigation derived waste
Investigation Area	Unit 4 and 5 buildings and area immediately upgradient and downgradient
LBCL	Leaching-based Basic Comparison Level
mg/Kg	Milligrams per kilogram
mg/L	Milligrams per liter
NDCNR	Nevada Department of Conservation and Natural Resources
NDEP	Nevada Division of Environmental Protection
NERT	Nevada Environmental Response Trust
Tech Memo	Unit 4 and 5 Building Investigation Second Mobilization Technical Memorandum
PPE	Personal Protective Equipment
PVC	Polyvinyl chloride
Qal	Quaternary alluvial deposits
QAPP	Quality Assurance Project Plan
RI	Remedial Investigation
RI/FS	Remedial Investigation/Feasibility Study
Site	NERT Property
TDS	Total Dissolved Solids
Tronox	Tronox, LLC
UMCf	Upper Muddy Creek formation
US	United States

Acronyms/Abbreviations	Definition
USCS	Unified Soil Classification System
USEPA	United States Environmental Protection Agency
VOCs	Volatile Organic Compounds
WBZ	Water Bearing Zone
Work Plan	Unit 4 and 5 Buildings Investigation Work Plan

Figures

\\GEOS051FS1\GEO\VOL1\PROJECTS\DATA\NERT\M02\FEBRUARY MEETING\FIGURES\MXD\REVISIONS\042617\FIGURE01_SITELOCATION.MXD

TETRA TECH

www.tetratech.com

150 S. 4th Street, Unit A
Henderson, Nevada 89015
PHONE: (702) 966-8340

NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

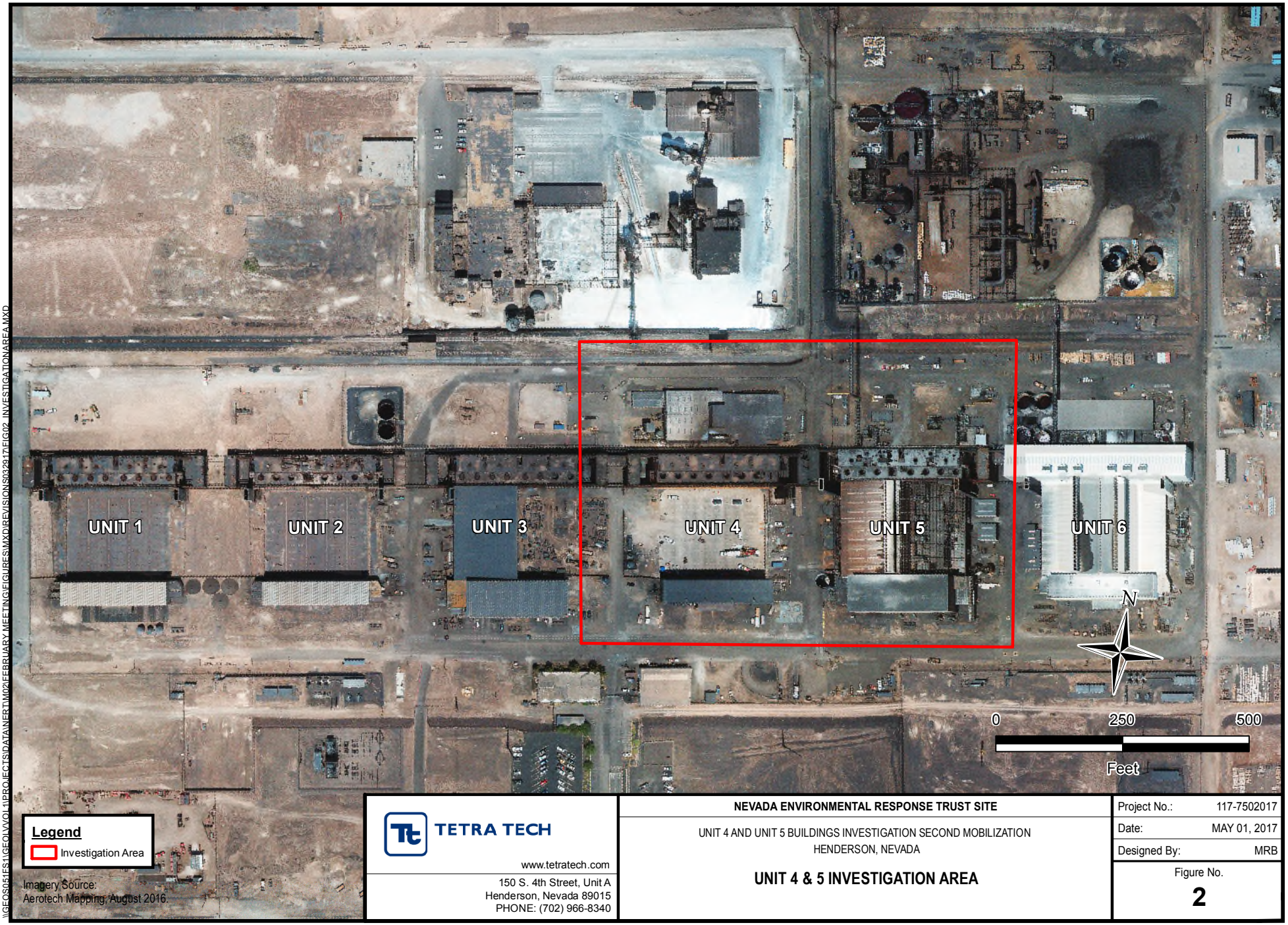
UNIT 4 AND UNIT 5 BUILDINGS INVESTIGATION SECOND MOBILIZATION
HENDERSON, NEVADA

SITE LOCATION

Project No.:	117-7502017
Date:	MAY 01, 2017
Designed By:	MRB

Figure No.

1



\\GEOS051ES1\GEOL\VOL1\PROJECTS\DATA\NERTM\02\FEBRUARY MEETING\FIGURES\MXD\REVISIONS\032917\FIG02_INVESTIGATIONAREA.MXD

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150 S. 4th Street, Unit A
Henderson, Nevada 89015
PHONE: (702) 966-8340

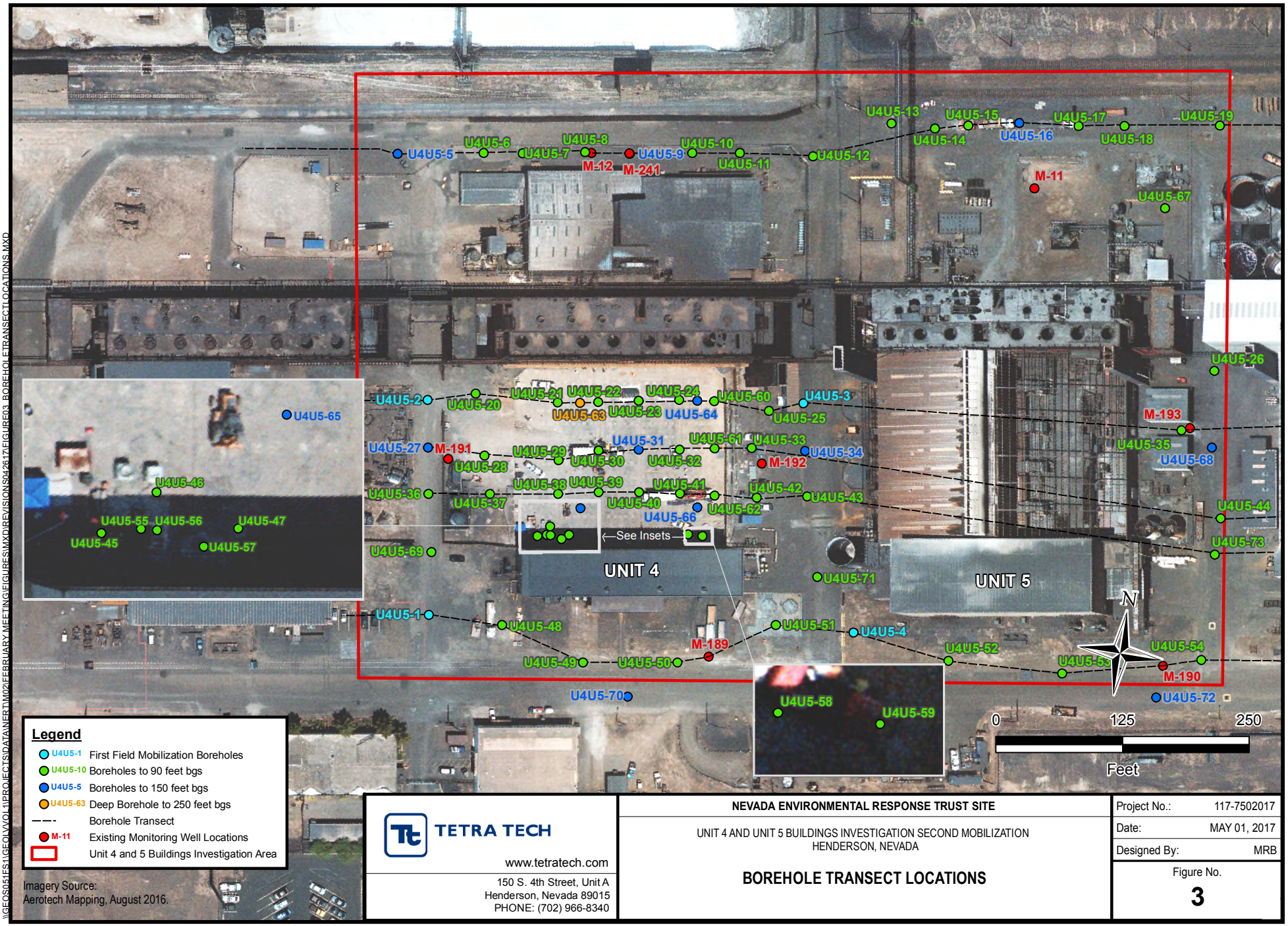
NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND UNIT 5 BUILDINGS INVESTIGATION SECOND MOBILIZATION
HENDERSON, NEVADA

UNIT 4 & 5 INVESTIGATION AREA

Project No.:	117-7502017
Date:	MAY 01, 2017
Designed By:	MRB

Figure No.
2



Legend

- U4U5-1 First Field Mobilization Boreholes
- U4U5-10 Boreholes to 90 feet bgs
- U4U5-5 Boreholes to 150 feet bgs
- U4U5-63 Deep Borehole to 250 feet bgs
- Borehole Transect
- M-11 Existing Monitoring Well Locations
- Unit 4 and 5 Buildings Investigation Area

Imagery Source:
Aerotech Mapping, August 2016.

\\GEOS05\ES1\GEOLVOL1\PROJECTS\DATA\NERT\M02\FEBRUARY MEETING\FIGURES\MXD\REVISIONS\042617\FIGURE03_BOREHOLETRANSECTLOCATIONS.MXD

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www.tetratech.com
150 S. 4th Street, Unit A
Henderson, Nevada 89015
PHONE: (702) 966-8340

NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND UNIT 5 BUILDINGS INVESTIGATION SECOND MOBILIZATION
HENDERSON, NEVADA

BOREHOLE TRANSECT LOCATIONS

Project No.:	117-7502017
Date:	MAY 01, 2017
Designed By:	MRB

Figure No.
3

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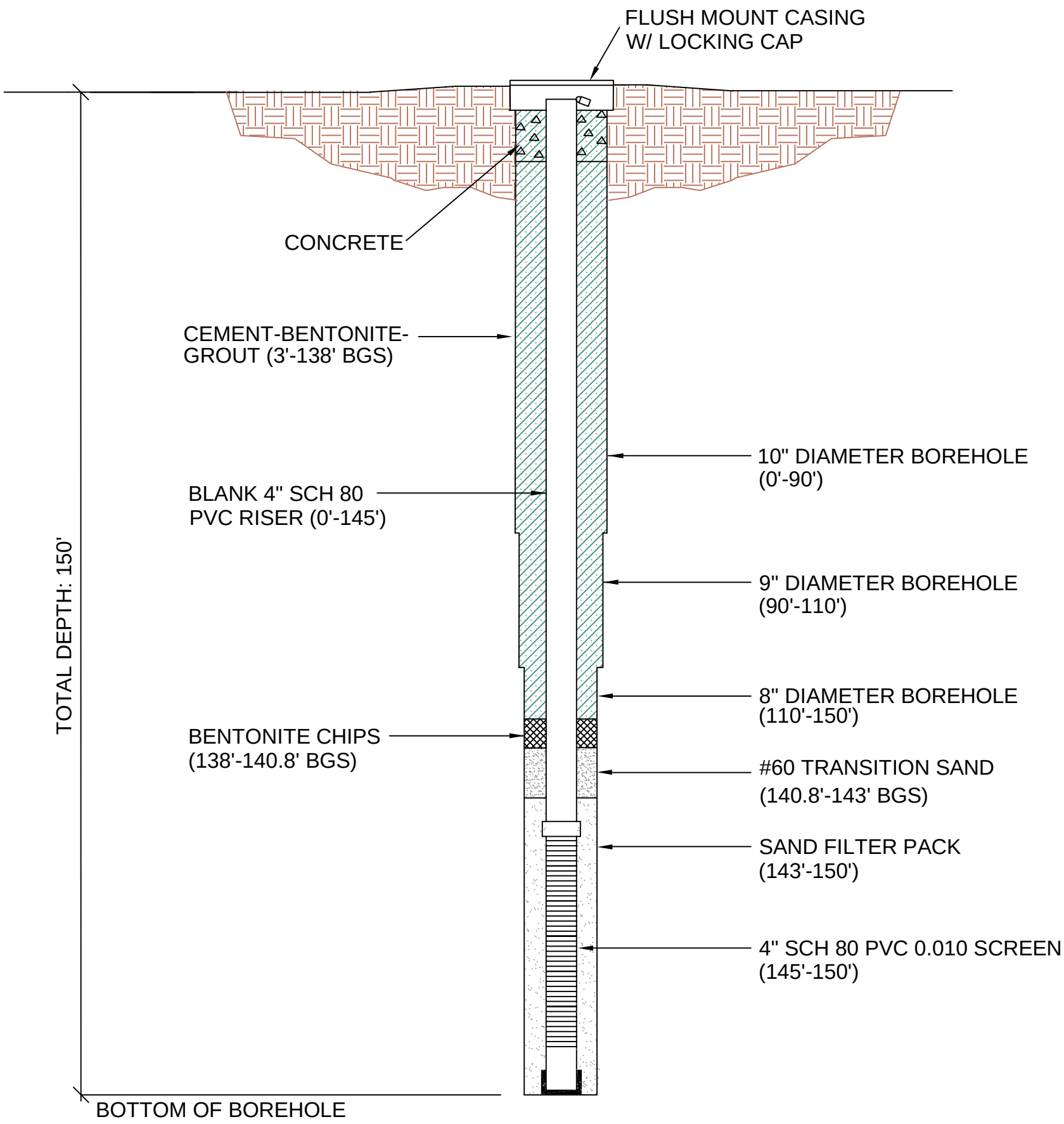
NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND UNIT 5 BUILDINGS INVESTIGATION SECOND MOBILIZATION
HENDERSON, NEVADA

UNIT 4 SUMPS, TRENCHES AND BOREHOLES

Project No.:	117-7502016
Date:	MAY 01, 2017
Designed By:	ES

Figure No.
4



NOTES:

1. BGS: BELOW GROUND SURFACE.
2. NOT TO SCALE.

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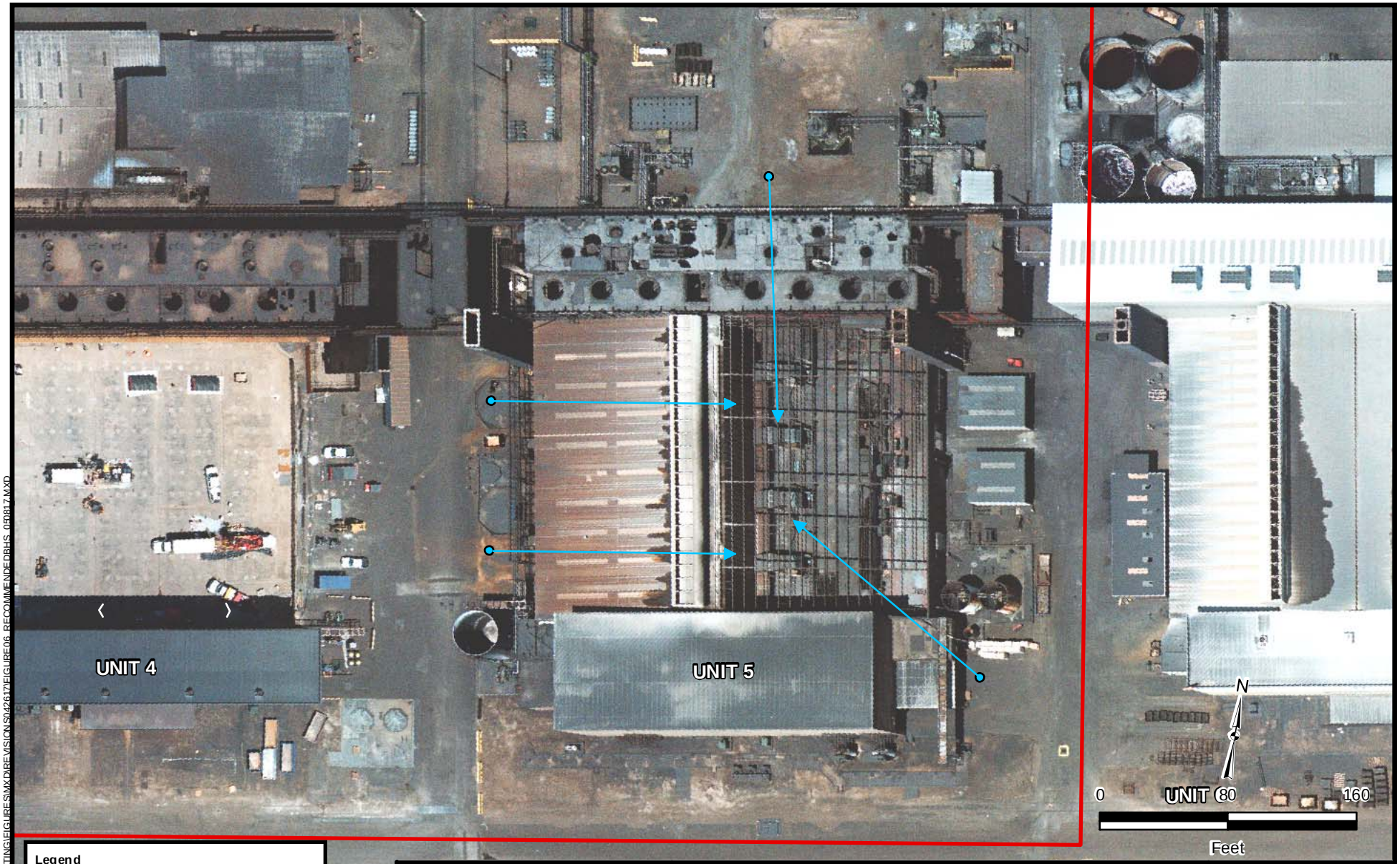
NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND UNIT 5 BUILDINGS INVESTIGATION SECOND MOBILIZATION
HENDERSON, NEVADA

M-241 WELL CONSTRUCTION DIAGRAM

Project No:	117-7502017
Date:	FEBRUARY 15, 2017
Designed By:	JB

Figure No.
5



T:\NEFT\M02\FEBRUARY MEETING\FIGURES\MXD\REVISION 5\042617\FIGURE06_RECOMMENDED BHS_050817.MXD

Legend

- Proposed Third Field Mobilization Angled Boreholes
- Unit 4 and 5 Buildings Investigation Area
- Borehole Orientation and Length

Imagery Sources: Esri World Map, June 2015; Aerotech Mapping, August 2016.

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www.tetratech.com
150 S. 4th Street, Unit A
Henderson, Nevada 89015
PHONE: (702) 966-8340

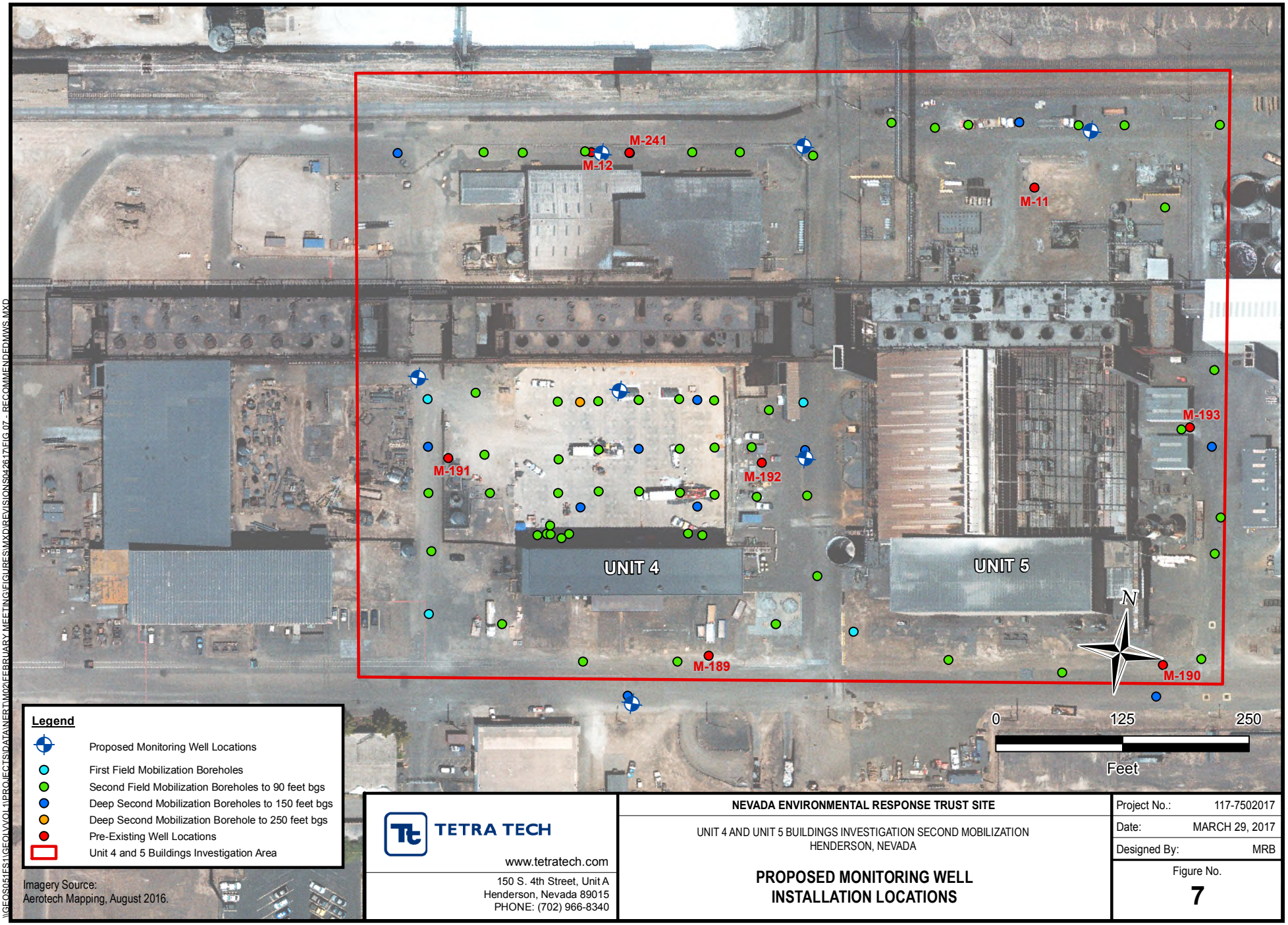
NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND UNIT 5 BUILDINGS INVESTIGATION SECOND MOBILIZATION
HENDERSON, NEVADA

PROPOSED ANGLED BOREHOLE LOCATIONS

Project No.:	117-7502017
Date:	APRIL 26, 2017
Designed By:	CKG

Figure No.
6



Imagery Source:
Aerotech Mapping, August 2016.

W:\EOS\051E51\GEOLVOL1\PROJECTS\DATA\NERTM\02\FEBRUARY MEETING\FIGURES\MXD\REVISIONS\042614\FIG 07 - RECOMMENDEDMWS.MXD

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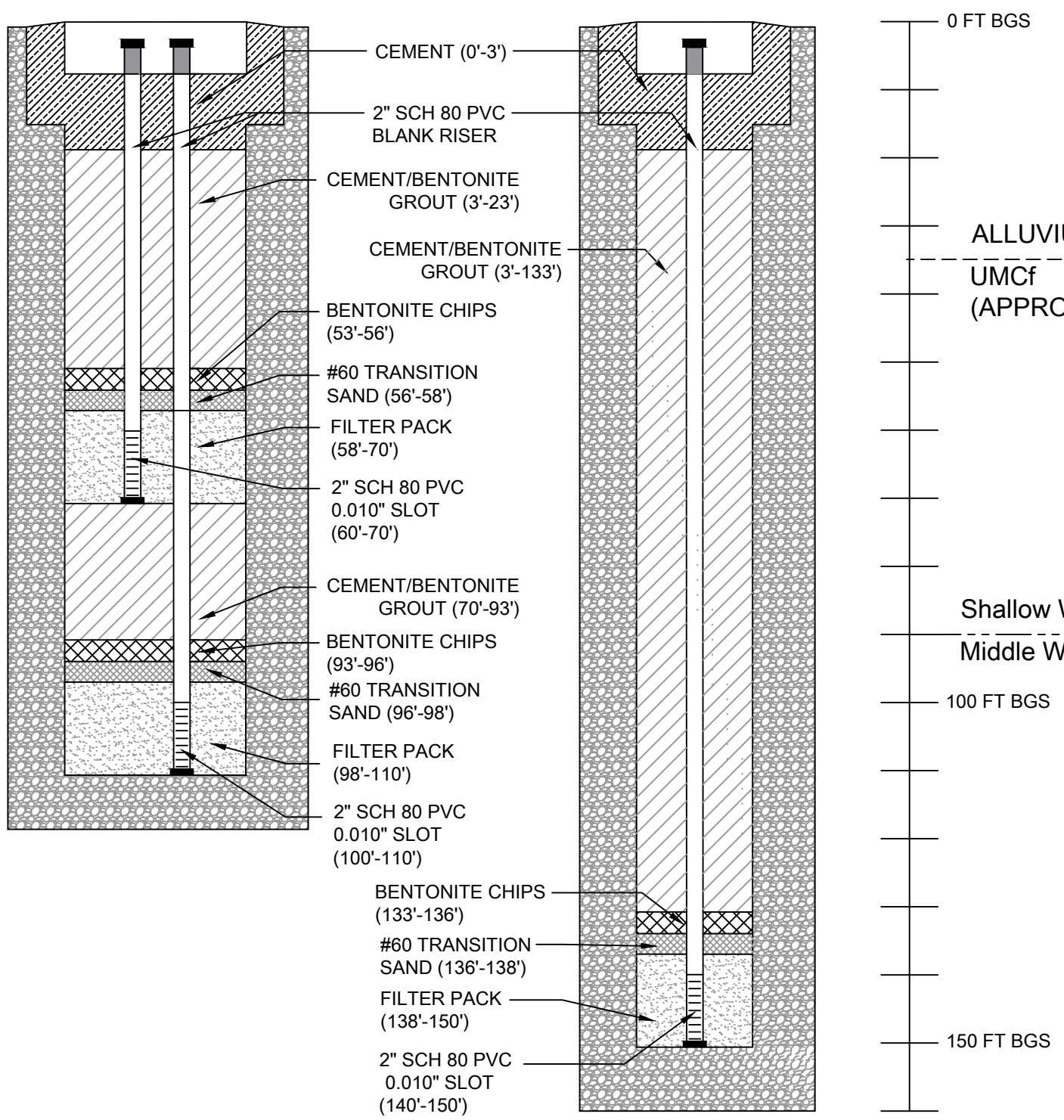
NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND UNIT 5 BUILDINGS INVESTIGATION SECOND MOBILIZATION
HENDERSON, NEVADA

PROPOSED MONITORING WELL INSTALLATION LOCATIONS

Project No.:	117-7502017
Date:	MARCH 29, 2017
Designed By:	MRB

Figure No.
7



NOTES:

1. ACTUAL WELL CASING / SCREEN DEPTH, SLOT SIZE, SEAL INTERVALS, ETC. TO BE DETERMINED BASED ON FIELD DATA AND CONDITIONS.
2. SCALED TO APPROXIMATE DEPTH.
3. BOREHOLE 1 DIAMETER WILL BE 12 INCHES
   BOREHOLE 2 DIAMETER WILL BE 8 INCHES

LEGEND

FT BGS	FEET BELOW GROUND SURFACE
WBZ	WATER BEARING ZONE
UMCf	UPPER MUDDY CREEK FORMATION

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150 S. 4th Street, Unit A
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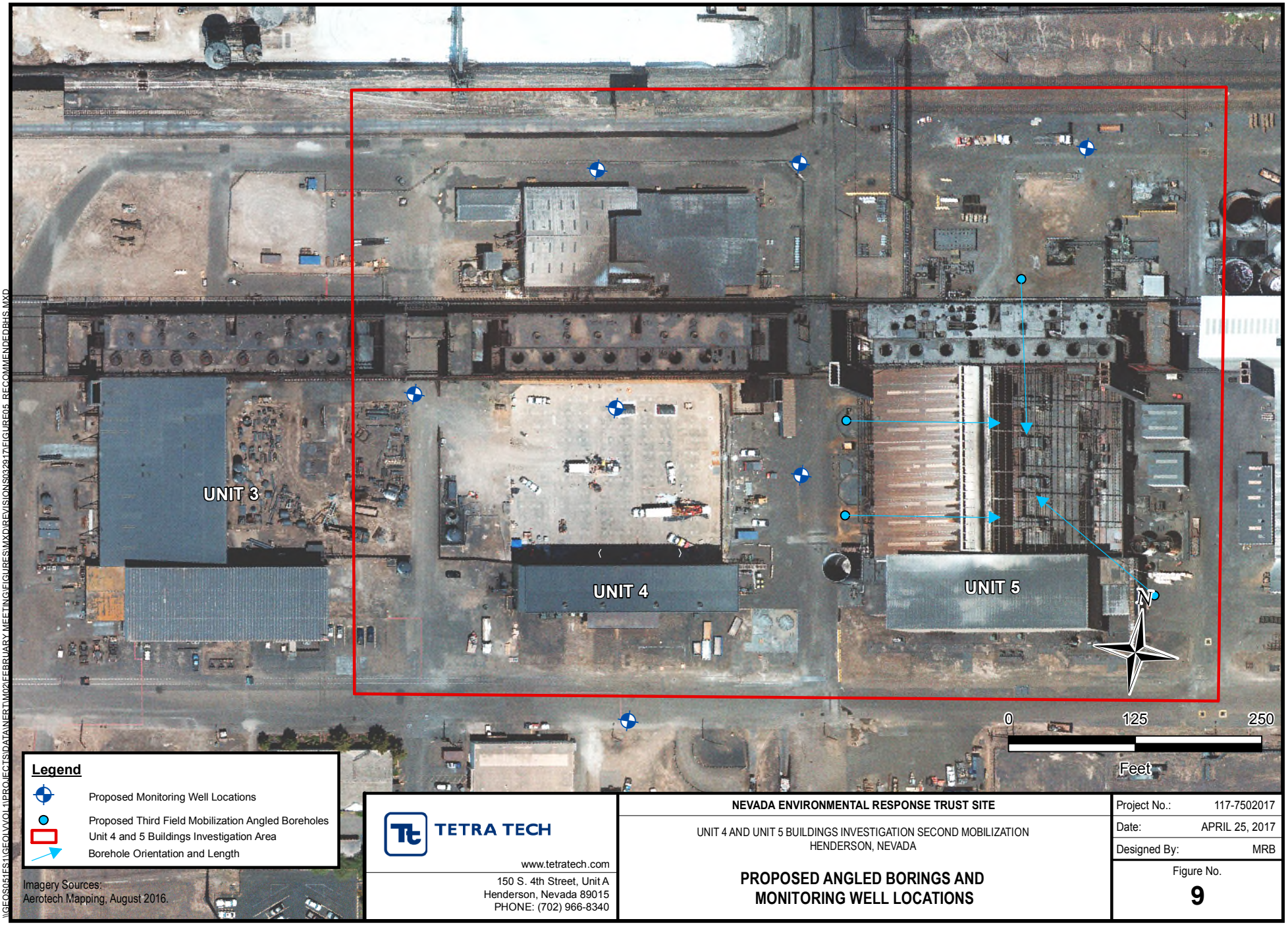
NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND UNIT 5 BUILDINGS INVESTIGATION SECOND MOBILIZATION
HENDERSON, NEVADA

CONCEPTUAL MONITORING WELL DESIGN

Project No:	117-7502017
Date:	APRIL 24, 2017
Designed By:	JX
Figure No.	8



Legend

- Proposed Monitoring Well Locations
- Proposed Third Field Mobilization Angled Boreholes
- Unit 4 and 5 Buildings Investigation Area
- Borehole Orientation and Length

Imagery Sources:
Aerotech Mapping, August 2016.

\\GEOS051ES1\GEOLVOL1\PROJECTS\DATA\NERTM\02\FEBRUARY MEETING\FIGURES\MXD\REVISIONS\092417\FIGURE06_RECOMMENDEDBHS.MXD

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND UNIT 5 BUILDINGS INVESTIGATION SECOND MOBILIZATION
HENDERSON, NEVADA

PROPOSED ANGLED BORINGS AND MONITORING WELL LOCATIONS

Project No.:	117-7502017
Date:	APRIL 25, 2017
Designed By:	MRB

Figure No.
9

Attachment A
Borehole Coordinates and Elevation

Attachment A
Borehole Coordinates and Elevation

Boring ID	Latitude	Longitude	Land Surface Elevation
U4U5-5	827990.902	26717543.900	1812.5
U4U5-6	828074.668	26717557.953	1812.3
U4U5-7	828112.379	26717563.629	1812.8
U4U5-8	828173.236	26717574.592	1813.0
U4U5-9	828217.077	26717579.641	1812.8
U4U5-10	828278.022	26717590.435	1812.7
U4U5-11	828324.594	26717597.651	1812.5
U4U5-12	828395.940	26717605.770	1812.2
U4U5-13	828467.683	26717649.960	1812.5
U4U5-14	828510.671	26717651.441	1812.7
U4U5-15	828542.863	26717659.795	1812.7
U4U5-16	828592.126	26717669.970	1812.9
U4U5-17	828650.357	26717676.211	1812.8
U4U5-18	828695.207	26717683.510	1812.8
U4U5-19	828788.086	26717698.641	1812.6
U4U5-20	828104.023	26717321.860	1813.4
U4U5-21	828185.454	26717325.665	1805.1
U4U5-22	828224.790	26717332.541	1804.9
U4U5-23	828264.163	26717339.900	1804.9
U4U5-23	828264.181	26717339.866	1804.8
U4U5-24	828303.416	26717346.962	1804.5
U4U5-25	828392.819	26717350.110	1813.2
U4U5-26	828820.919	26717457.972	1812.9
U4U5-27	828065.860	26717261.849	1812.7
U4U5-28	828122.375	26717262.747	1813.4
U4U5-29	828194.783	26717269.636	1805.1
U4U5-30	828232.538	26717285.085	1804.9
U4U5-31	828271.490	26717292.256	1804.8
U4U5-32	828311.377	26717298.484	1805.1
U4U5-33	828381.653	26717311.300	1813.4
U4U5-34	828433.825	26717316.556	1812.4
U4U5-35	828797.683	26717395.139	1813.3
U4U5-36	828073.513	26717216.509	1813.0
U4U5-37	828133.389	26717226.219	1814.4
U4U5-38	828199.903	26717236.410	1805.0
U4U5-39	828239.103	26717244.390	1805.0
U4U5-40	828278.677	26717250.828	1804.9
U4U5-41	828318.521	26717255.925	1805.3
U4U5-42	828394.302	26717263.554	1813.1
U4U5-43	828442.919	26717272.491	1812.5
U4U5-44	828849.605	26717315.009	1813.0
U4U5-45	828186.021	26717192.335	1805.8
U4U5-46	828197.074	26717203.699	1805.1
U4U5-47	828216.971	26717198.506	1805.8
U4U5-48	828165.446	26717099.737	1813.6

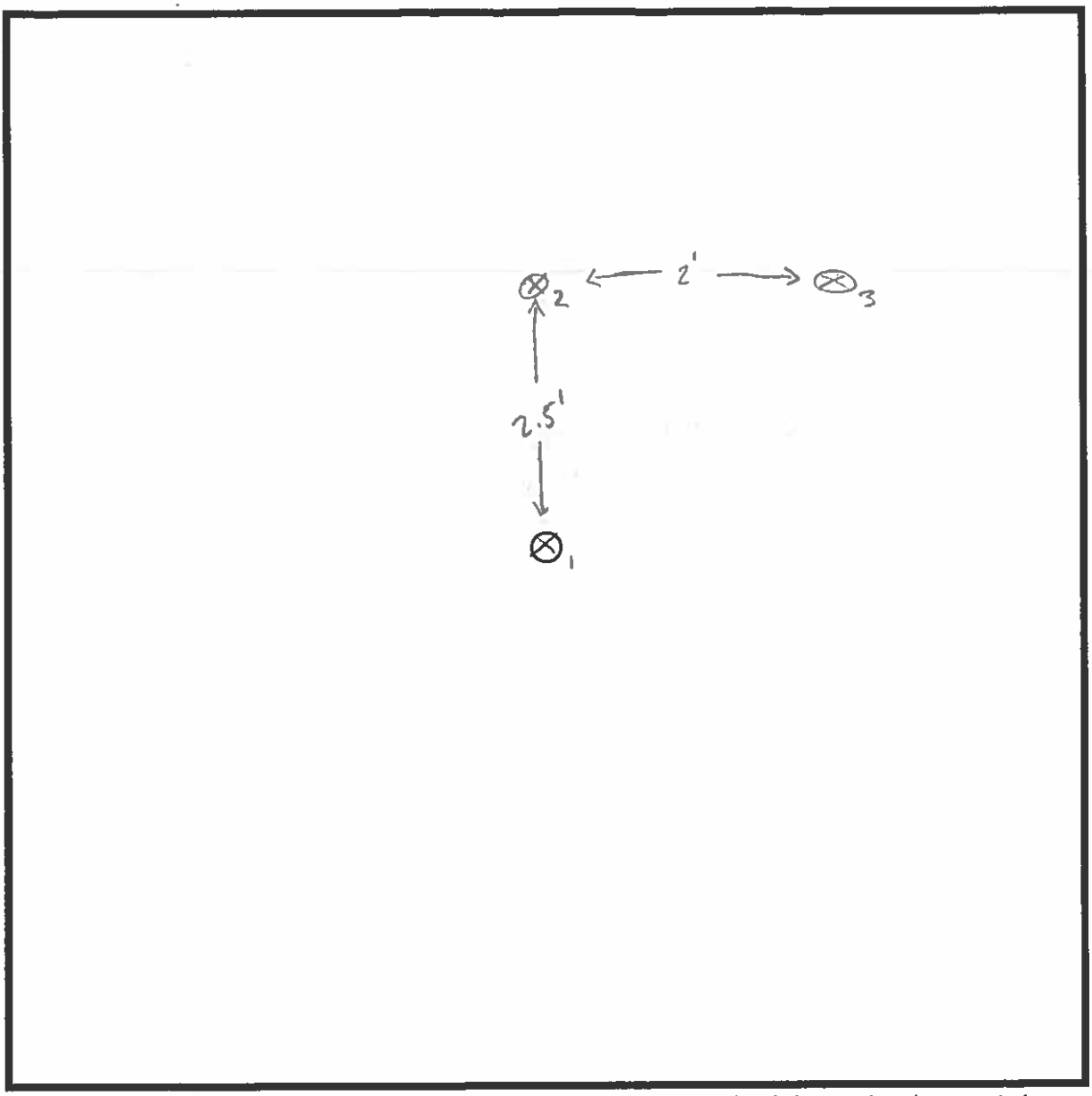
Attachment A
Borehole Coordinates and Elevation

Boring ID	Latitude	Longitude	Land Surface Elevation
U4U5-49	828250.127	26717075.717	1813.0
U4U5-50	828342.185	26717090.527	1813.3
U4U5-51	828432.365	26717142.069	1813.5
U4U5-52	828606.468	26717133.908	1813.2
U4U5-53	828718.774	26717138.966	1813.5
U4U5-54	828852.732	26717173.784	1813.4
U4U5-55	828194.870	26717194.757	1805.8
U4U5-56	828198.614	26717195.107	1806.0
U4U5-57	828209.912	26717193.094	1805.8
U4U5-58	828332.619	26717217.180	1805.8
U4U5-59	828347.051	26717217.920	1805.9
U4U5-60	828337.899	26717351.282	1805.6
U4U5-61	828345.472	26717305.007	1805.5
U4U5-62	828352.646	26717258.987	1805.4
U4U5-63	828207.091	26717328.932	1805.7
U4U5-64	828321.057	26717349.183	1805.6
U4U5-65	828223.786	26717226.108	1805.5
U4U5-66	828337.580	26717244.769	1805.6
U4U5-67	828747.605	26717609.294	1812.9
U4U5-68	828830.284	26717382.929	1812.6
U4U5-69	828085.320	26717160.221	1813.1
U4U5-70	828298.995	26717049.513	1813.7
U4U5-71	828465.529	26717195.435	1813.1
U4U5-72	828814.306	26717130.010	1813.4
U4U5-73	828849.633	26717278.904	1812.9

Attachment B
Utility Clearance Field Logs

HYDRO VACUUM UTILITY CLEARANCE RECORD

Borehole ID: U4U5-13 Date: 7-13-16 Employee: Bryan Shams

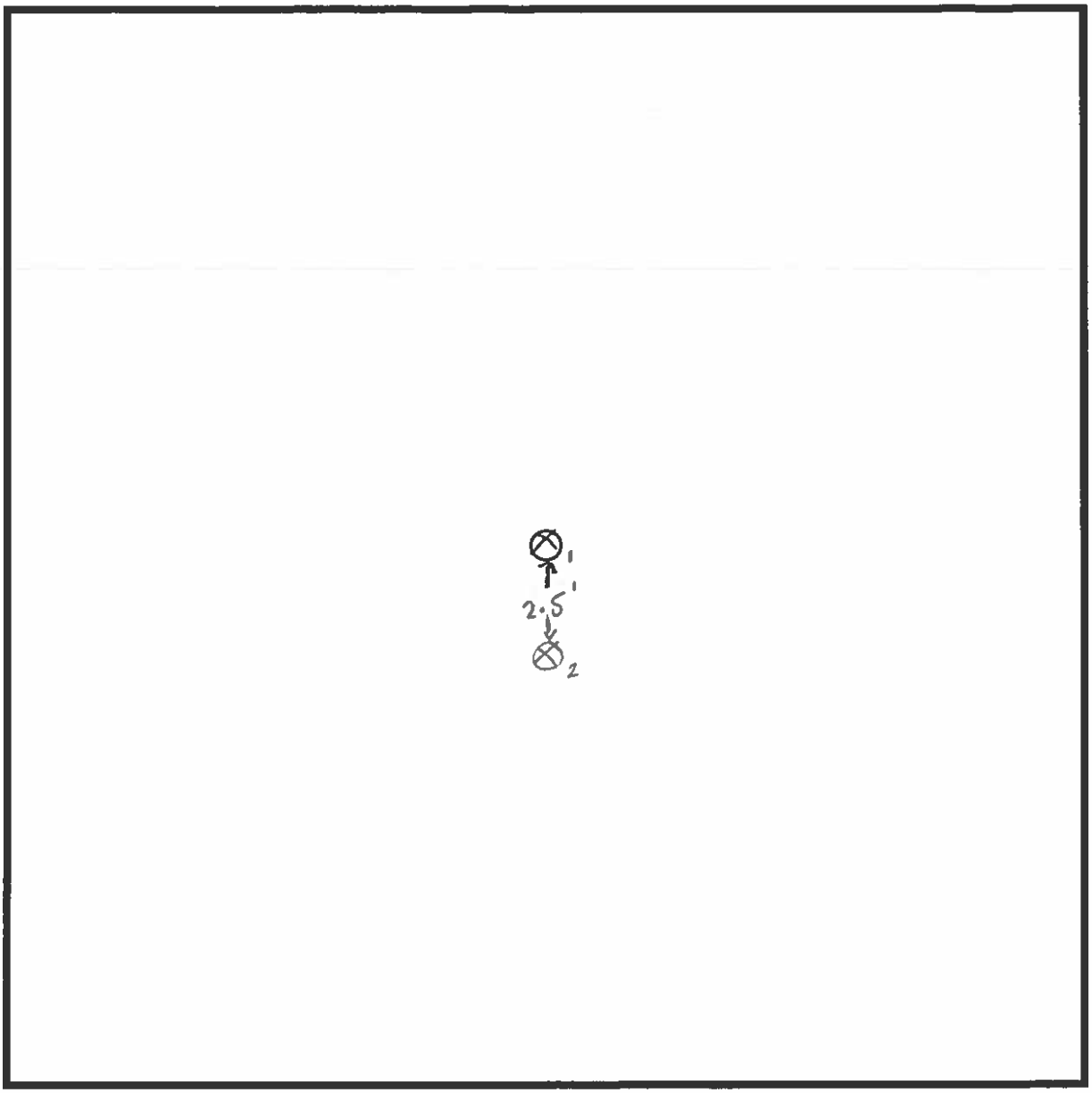


The center point represents the original proposed borehole location. Each subsequent borehole is numbered consecutively.

Notes – Include depth, orientation, and material of utilities encountered. Reference photos if available: 1) Encountered old water line 6' bgs, East-West orientation. 2) Encountered utility 5' bgs, NE-SW Orientation.

HYDRO VACUUM UTILITY CLEARANCE RECORD

Borehole ID: U445 - 15 Date: 7/11-12/16 Employee: Bryan Shams

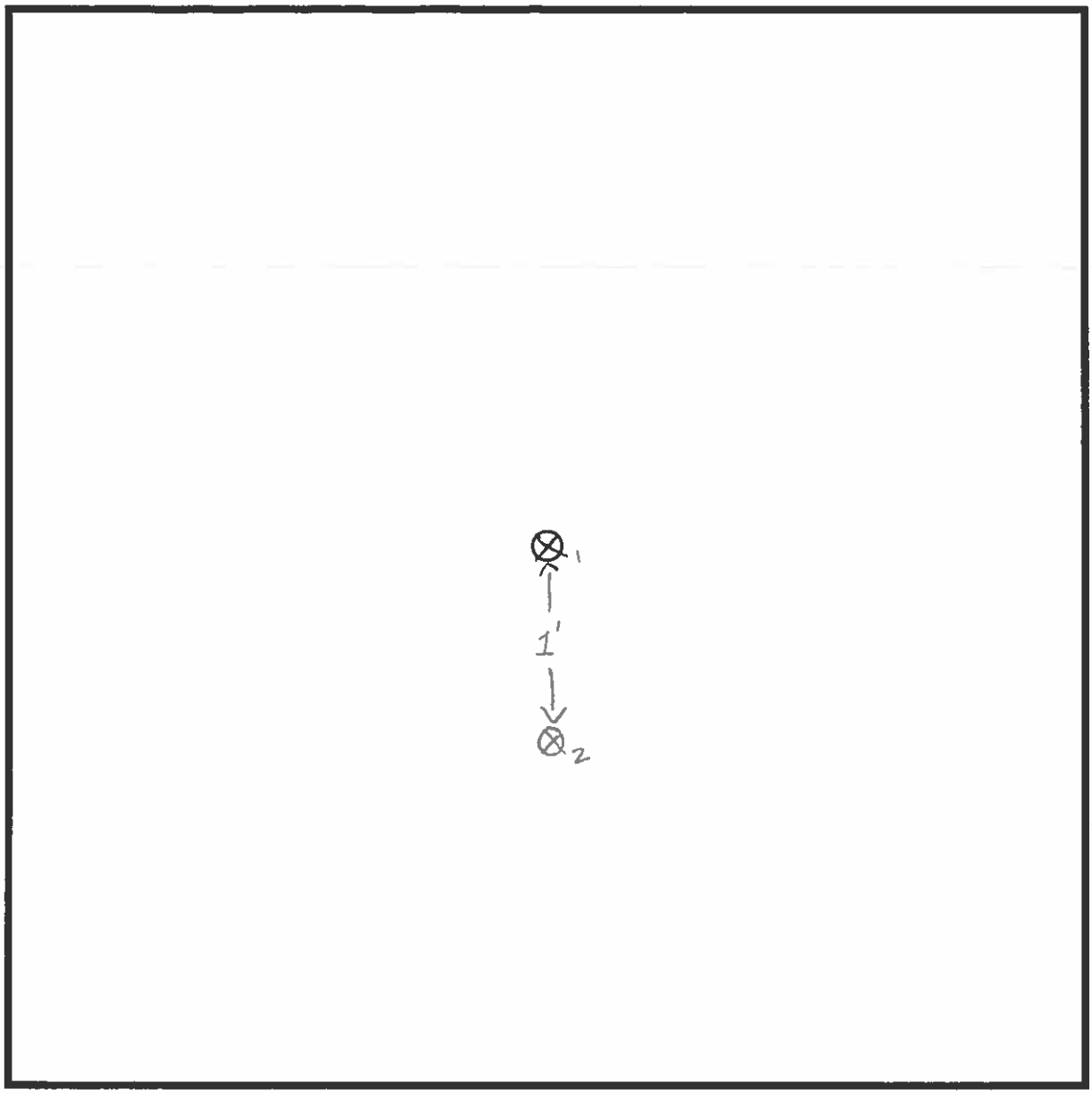


The center point represents the original proposed borehole location. Each subsequent borehole is numbered consecutively.

Notes – Include depth, orientation, and material of utilities encountered. Reference photos if available: 1) blue 24" water line encountered @ 6' bgs East - West orientation.

HYDRO VACUUM UTILITY CLEARANCE RECORD

Borehole ID: 4445-26 Date: 7-15-16 Employee: Bryan Shams

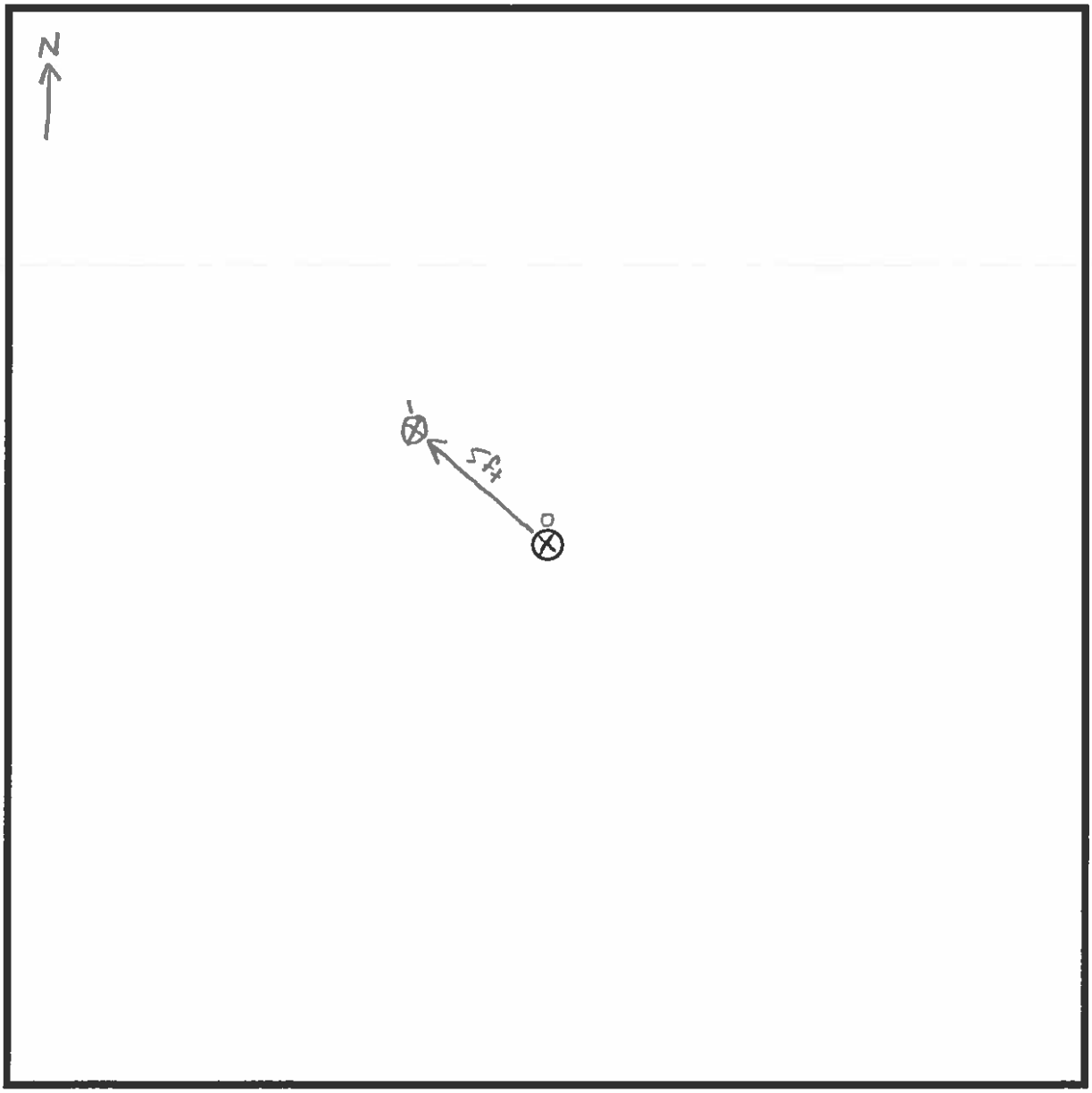


The center point represents the original proposed borehole location. Each subsequent borehole is numbered consecutively.

Notes – Include depth, orientation, and material of utilities encountered. Reference photos if available: 1) Encountered 4" iron cast pipe 2.5' bgs, East-West orientation.

HYDRO VACUUM UTILITY CLEARANCE RECORD

Borehole ID: U4U5-33 Date: 8/18/16 Employee: Jesse Bunkers

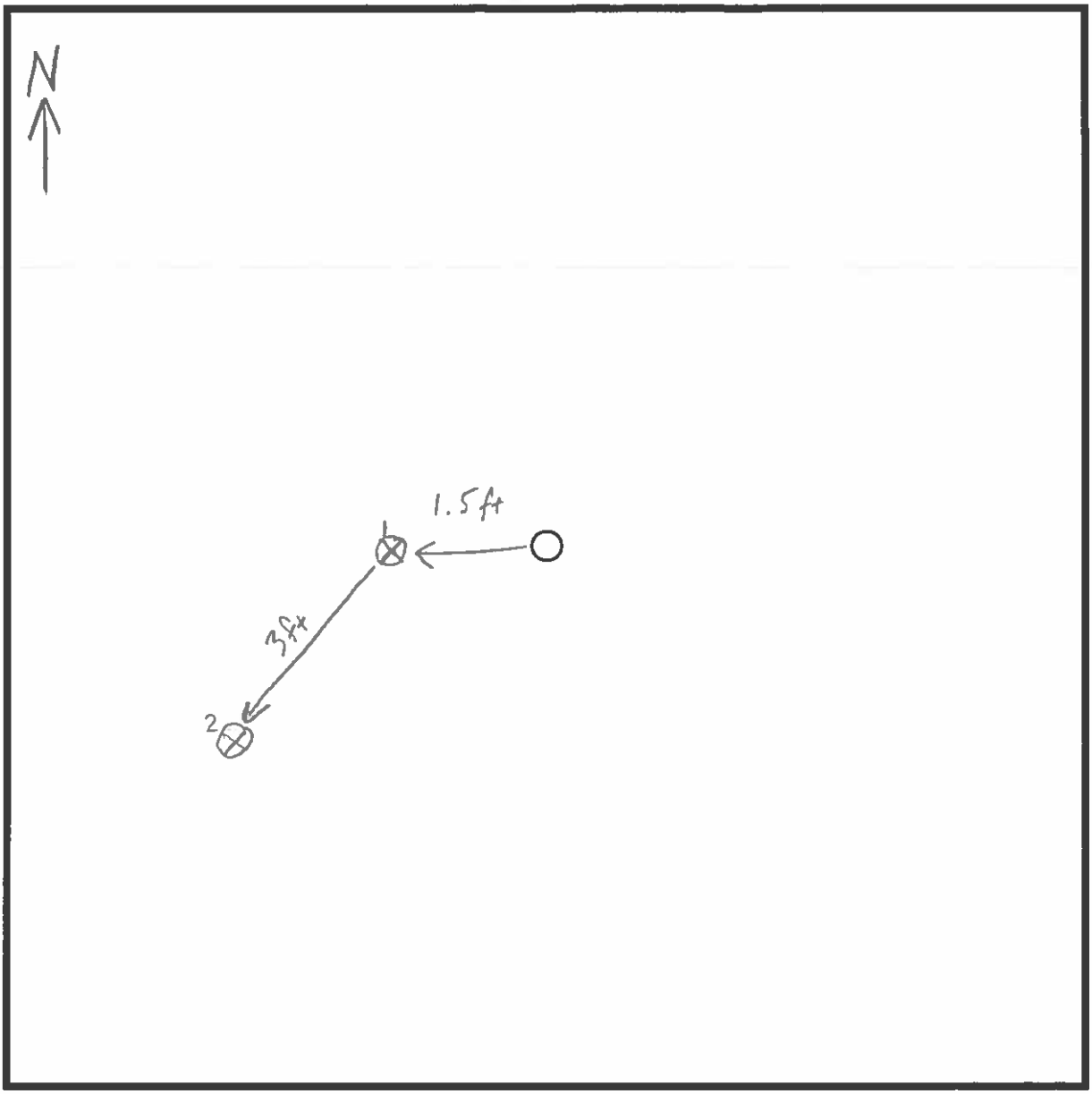


The center point represents the original proposed borehole location. Each subsequent borehole is numbered consecutively.

Notes – Include depth, orientation, and material of utilities encountered. Reference photos if available: Encountered concrete slab (0) at 4.5 ft bgs. Moved borehole 5ft Northwest after consulting with Gil Butuco of TRONOX.

HYDRO VACUUM UTILITY CLEARANCE RECORD

Borehole ID: U4U5-34 Date: 8/12/16 Employee: S. Burkers

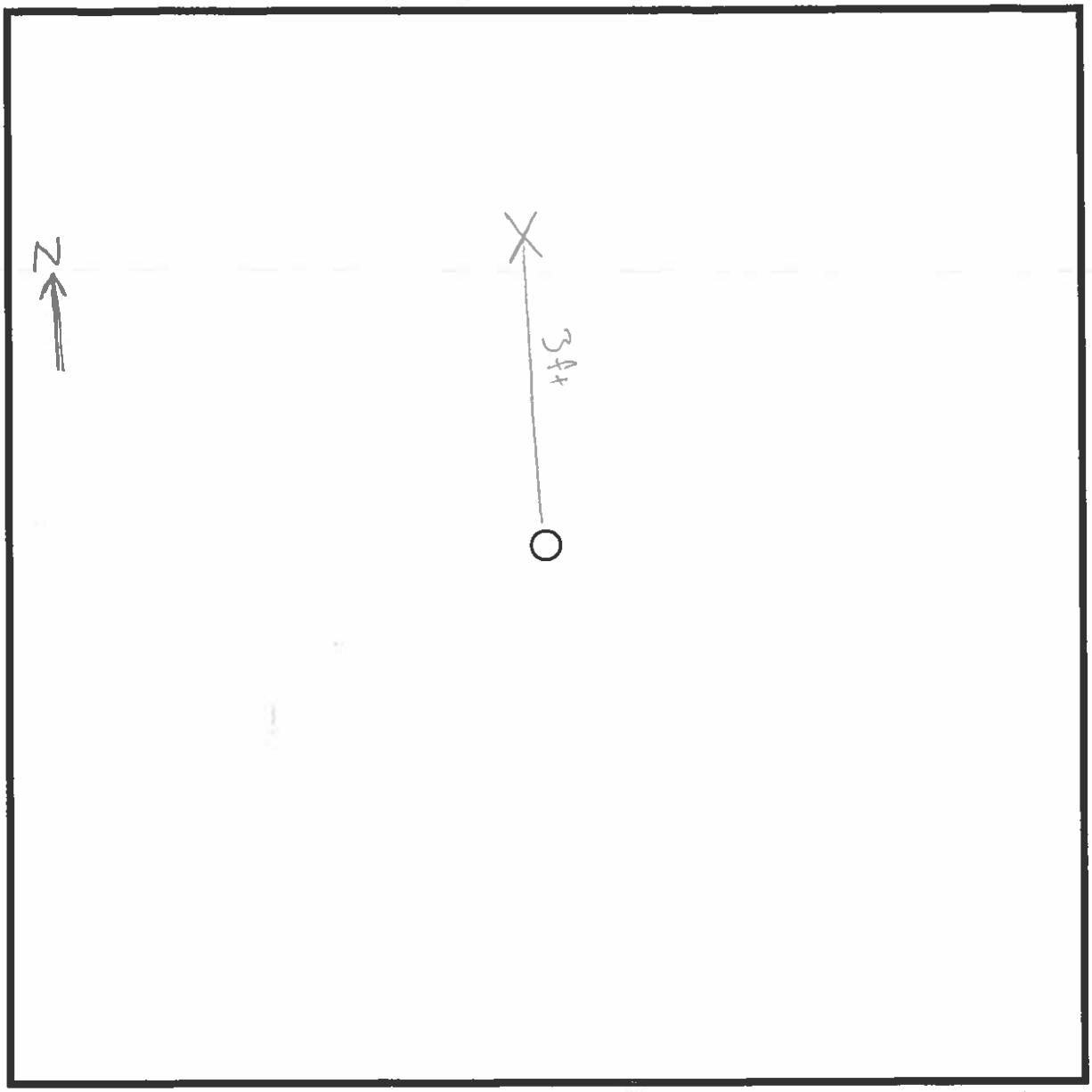


The center point represents the original proposed borehole location. Each subsequent borehole is numbered consecutively.

Notes – Include depth, orientation, and material of utilities encountered. Reference photos if available: Encounted 10" VCP at 10ft deep. Moved bore hole 1.5ft West. Encounted other side of concrete structure on 2nd hole at 10ft. It was not 10" VCP but ~24" concrete with square edges trending N-S. TRONOX engineer John Holstrom was unable to identify the obstruction. Moved bore hole 3ft to SouthWest.

HYDRO VACUUM UTILITY CLEARANCE RECORD

Borehole ID: U4U5-46 Date: 8/9/16 Employee: J. Bunkers



The center point represents the original proposed borehole location. Each subsequent borehole is numbered consecutively.

Notes – Include depth, orientation, and material of utilities encountered. Reference photos if available: Hit concrete footing for pillar at 2.5ft deoth. Moved bore hole 3ft to the North.

Attachment C
Lithologic Logs

TETRA TECH, INC.

WELL NUMBER U4U5-5

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 9/15/16 **COMPLETED** 9/27/16
GROUND ELEVATION 1812.458 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 10"
DRILLING METHOD Sonic Drilling
NORTHING 26717543.9
LOGGED BY J. Bunkers/W.Green **CHECKED BY** J. Walker
EASTING 827990.902
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SM		(SM) 1'-1.5' Dark yellowish brown (10YR4/4); **SILTY SAND**; Dry; Loose to medium dense; Angular to subangular grains; Fine to coarse grained sand; Few fine to coarse gravel.	0	
	SS-2.5	SM		(SM) 2.5'-3' Dark yellowish brown (10YR4/4); **SILTY SAND**; Dry; Loose to medium dense; Angular to subangular grains; Fine to coarse grained sand; Few fine to coarse gravel.	0	
5	SS-5	SM		(SM) 5'-5.5' Dark yellowish brown (10YR4/4); **SILTY SAND**; Dry; Loose to medium dense; Angular to subangular grains; Fine to coarse grained sand; Few fine to coarse gravel.	0	
	SS-7.5	SM		(SM) 7.5'-8' Dark yellowish brown (10YR4/4); **SILTY SAND**; Dry; Loose to medium dense; Angular to subangular grains; Fine to coarse grained sand; Few fine to coarse gravel.	0	
10	SS-10	SM		(SM) 10'-10.5' Dark yellowish brown (10YR4/4); **SILTY SAND**; Dry; Loose to medium dense; Angular to subangular grains; Fine to coarse grained sand; Few fine to coarse gravel.	0	
	SS-12.5	SM		(SM) 12'-15' Brown (7.5YR4/4); **SILTY SAND**; Moist; Loose; Angular to subangular grains; Fine to coarse grained sand; Few fine to coarse gravel.	7.3	
15	SS-15			15'-17' Abandoned clay pipe filled with concrete.	4.5	Cement - 5% bentonite slurry
	SS-17.5			(SM) 17'-28' Brown (7.5YR5/4); **SILTY SAND**; Moist; Loose; Angular to subrounded grains; Fine to coarse grained sand; Few fine to coarse gravel.	3.6	
20	SS-20				1.5	
	SS-22.5	SM			1.1	
25	SS-25				1	
	SS-27.5				1.6	
30		SW-SM		(SW-SM) 28'-31.5' Dark Brown (7.5YR3/3); **Well Graded SAND with SILT**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel.		

(Continued Next Page)

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	SW-SM			1.2	
	SS-32.5			(ML) 31.5'-56' Brown (7.5YR4/4); **SILT with SAND**; Moist; Soft; Subangular to subrounded grains; Fine to medium grained sand; Medium plasticity; Trace gravel.	0.6	
35	SS-35				0.5	Hydrated bentonite
					0.5	#3 Sand
40	SS-40				0.7	
	GW-42				2.7	1st Temporary well water level (41')
		ML				1st Temporary well set at 42'
45					1.9	2nd Temporary well water level (42.6')
					1.1	
50	SS-50			Below 50.5' - Stiff; Fine grained sand; Low to medium plasticity.	0.8	Cement - 5% bentonite slurry
					0.3	
55					0.2	3rd Temporary well water level (55')
	SS-57.5	SP		(SP) 56'-57.5' Brown (7.5YR4/4); **Poorly Graded SAND**; Moist; Loose; Subangular to subrounded grains; Medium to coarse grained sand.		
		ML		(ML) 57.5'-58.5' Brown (7.5YR4/4); **SILT with SAND**; Moist; Stiff; Subangular to subrounded grains; Fine grained sand; Low to medium plasticity.	0.1	Hydrated bentonite
60	SS-60			(CL) 58.5'-64' Brown (7.5YR4/4); **Lean CLAY**; Moist; Very stiff; Medium plasticity; Few caliche nodules; Trace fine grained sand.	0.2	
		CL				#3 Sand
					0.2	2nd Temporary well set at 66'

NERT TEMPORARY WELLS - GINT STD US.GDT - 3/22/17 10:51 - P:\NERT\2016\SECOND MOBILIZATION\GINT LOGS\NERT - SECOND MOBILIZATION LOGS.GPJ

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 64'-68.5' Brown (7.5YR5/4); **SILT with SAND**; Moist; Soft; Subangular to subrounded; grains; Fine to coarse grained sand; Low plasticity; Trace gravel. *(continued)*	0.1	
	GW-66	ML			0.5	4th Temporary well water level (66')
70	SS-70			(ML) 68.5'-79' Brown (7.5YR5/4); **SANDY SILT**; Moist; Soft; Subangular to subrounded grains; Fine to coarse grained sand; No plasticity; Trace caliche gravel. Below 70.5' - No caliche.	1.4	
		ML			0.5	Cement - 5% bentonite slurry
75					0.5	
					0	
80	SS-80	ML		(ML) 79'-82' Brown (7.5YR5/4); **SILT with SAND**; Moist; Stiff; Subrounded grains; Fine to medium grained sand; Medium plasticity.	0	
		CL		(CL) 82'-85' Brown (7.5YR4/4); **Lean CLAY**; Moist; Very stiff; Medium plasticity; Few fine grained sand; Hard caliche nodules.	0.1	Hydrated bentonite
85		ML		(ML) 85'-87.5' Brown (7.5YR5/4); **SILT**; Moist; Stiff; Low to medium plasticity; Few subangular to subrounded, fine grained sand.	0.2	#3 Sand
		CL		(CL) 87.5'-90' Brown (7.5YR4/4); **Lean CLAY**; Moist; Very stiff; Medium plasticity. Below 88.5' - Caliche nodules.	0	3rd Temporary well set at 90'
90	GW-90 SS-90	ML		(ML) 90'-95' Brown (7.5YR5/4); **SILT with SAND**; Moist; Soft; Fine grained sand; Low plasticity.	0	
					0	
95		CL		(CL) 95'-102' Brown (7.5YR5/4); **Lean CLAY**; Moist; Very stiff to hard; Medium plasticity; Trace rounded to subrounded, coarse grained sand; 3" lens with coarse grained sand.	0.9	Cement - 5% bentonite slurry
					0.4	

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
100	SS-100	CL		(CL) 95'-102' Brown (7.5YR5/4); **Lean CLAY**; Moist; Very stiff to hard; Medium plasticity; Trace rounded to subrounded, coarse grained sand; 3" lens with coarse grained sand. *(continued)*	0.6	
		ML		(ML) 102'-105' Brown (7.5YR5/4); **SANDY SILT**; Moist; Soft; Fine to medium grained sand; Low plasticity; Trace clay.	0.5	Hydrated bentonite
105						
		CL		(CL) 105'-114.5' Brown (7.5YR5/4); **Lean CLAY**; Moist; Very stiff; Low to medium plasticity; Trace fine grained sand.	0.4	#3 Sand
					0	4th Temporary well set at 110'
110	GW-110 SS-110			Below 109.5' - Few subrounded, coarse grained sand; Few subrounded, coarse caliche gravel. Below 110' - No sand or gravel.	0	
					0.6	Cement - 5% bentonite slurry
115		ML		(ML) 114.5'-118.5' Strong brown (7.5YR5/6); **SANDY SILT**; Moist; Soft; Subangular to subrounded grains; Fine grained sand; No plasticity.	0.9	
					2.3	5th Temporary well water level (117')
		CL		(CL) 118.5'-120' Brown (7.5YR5/4); **Lean CLAY**; Moist; Very stiff; Low plasticity; Trace fine grained sand.		
120	SS-120	ML		(ML) 120'-124' Strong brown (7.5YR5/6); **SANDY SILT**; Moist; Soft to stiff; Subangular to subrounded grains; Fine to medium grained sand; No plasticity.	2.2	
					0.2	Hydrated bentonite
125		ML		(ML) 124'-128.5' Strong brown (7.5YR5/6); **SILT**; Moist; Stiff; Medium plasticity; Few fine grained sand.	0.2	#3 Sand
					0.2	5th Temporary well set at 130'
		SM		(SM) 128.5'-130' Brown (7.5YR4/4); **SILTY SAND**; Moist; Medium dense; Subangular to subrounded grains; Fine to coarse grained sand; No plasticity.		
130	GW-130 SS-130	ML		(ML) 130'-144' Brown (7.5YR5/4); **SILT**; Moist; Soft; Low plasticity; Few rounded to subrounded, fine grained sand.	0.7	6th Temporary well water level (132.6')

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TETRA TECH, INC.

WELL NUMBER U4U5-5

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
				(ML) 130'-144' Brown (7.5YR5/4); **SILT**; Moist; Soft; Low plasticity; Few rounded to subrounded, fine grained sand. *(continued)*	1.2	
135					1.3	Cement - 5% bentonite slurry
		ML			0.2	
140	SS-140				0.3	
					0.5	Hydrated bentonite
145		ML		(ML) 144'-145' Brown (7.5YR5/4); **GRAVELLY SILT**; Moist; Soft; Low plasticity; Caliche gravel nodules; Few rounded to subrounded, fine grained sand.	0.2	#3 Sand
		ML		(ML) 145'-150' Brown (7.5YR5/4); **SILT**; Moist; Firm; Low plasticity; Trace fine grained sand.	0.3	6th Temporary well set at 150'
150	GW-150 SS-150				0	

WELL NUMBER U4U5-6

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 10/17/16 **COMPLETED** 10/20/16
GROUND ELEVATION 1812.333 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717557.953
LOGGED BY J. Berjikian **CHECKED BY** J. Walker
EASTING 828074.668
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **Asphalt**		
	SS-1	SP		(SP) 1'-1.5' Brown (7.5YR5/4); **Poorly Graded SAND with GRAVEL**; Dry; Loose; Angular to subangular grains; Fine to medium grained sand; Trace gravel.	0	
	SS-2.5	SP		(SP) 2.5'-3' Brown (7.5YR5/4); **Poorly Graded SAND with GRAVEL**; Dry; Loose; Angular to subangular grains; Fine to medium grained sand; Trace gravel.	0.1	
5	SS-5	SW		(SW) 5'-5.5' Brown (7.5YR5/4); **Well Graded SAND with GRAVEL**; Dry; Loose; Subangular to angular grains; Fine to coarse grained sand; Trace silt.	0	
	SS-7.5	SW		(SW) 7.5'-8' Brown (7.5YR5/4); **Well Graded SAND with GRAVEL**; Dry; Loose; Subangular to angular grains; Fine to coarse grained sand; Trace silt.	0.2	
10	SS-10	SW		(SW) 10'-10.5' Brown (7.5YR5/4); **Well Graded SAND with GRAVEL**; Dry; Loose; Subangular to angular grains; Fine to coarse grained sand; Trace silt.	0	
	SS-12.5	SM		(SM) 12'-32' Brown (7.5YR5/4); **SILTY SAND with GRAVEL**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand.	0.3	
15	SS-15			Below 15' - Trace clay.	0	
	SS-17.5				0.1	Cement - 5% bentonite slurry
20	SS-20				0.2	
	SS-22.5				0	
25	SS-25				0	
	SS-27.5				0.1	
30				Below 29' - Light Gray (7.5YR7/1).		

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	SM		(SM) 12'-32' Brown (7.5YR5/4); **SILTY SAND with GRAVEL**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand. *(continued)*	0.2	
	SS-32.5			(ML) 32'-42' Brown (7.5YR5/4); **SILT with SAND**; Moist; Soft; Angular to subangular grains; Fine to medium grained sand; Trace gravel.	0.2	
35	SS-35	ML		Below 34' - Trace clay.	0	Hydrated bentonite
				Below 37' - Wet.	0.2	#3 Sand 1st Temporary well water level (40.9')
40					0.2	2nd Temporary well water level (41.6')
	SS-41.5 GW-42			42'-50' **No Recovery**.		1st Temporary well set at 42'
45						
50		ML		(ML) 50'-54' Brown (7.5YR5/4); **SILT**; Wet; Medium plasticity; Trace caliche gravel; Trace fine grained sand.	0.3 0.1	Cement - 5% bentonite slurry
55		ML		(ML) 54'-55' Brown (7.5YR5/4); **SILT with GRAVEL**; Wet; Medium plasticity; Trace fine grained sand; Caliche gravel.		3rd Temporary well water level (57')
		ML		(ML) 55'-59' Brown (7.5YR5/4); **SILT**; Wet; Medium plasticity; Trace caliche gravel; Trace fine grained sand.	0.2 0.1	
60	SS-60	SP		(SP) 59'-60' Brown (7.5YR5/4); **Poorly Graded SAND**; Wet; Loose.		Hydrated bentonite
		ML		(ML) 60'-66' Brown (7.5YR5/4); **SANDY SILT**; Wet; Soft to firm; Fine to coarse grained sand; Low plasticity; Trace caliche gravel.	0.1 0.3	#3 Sand

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 60'-66' Brown (7.5YR5/4); **SANDY SILT**; Wet; Soft to firm; Fine to coarse grained sand; Low plasticity; Trace caliche gravel. *(continued)*	0.1	2nd Temporary well set at 66'
	GW-66	ML		(ML) 66'-69' Strong brown (7.5YR5/6); **SILT**; Wet; Firm; Low plasticity.	0	4th Temporary well water level (66')
70		ML		(ML) 69'-71' Light brown (7.5YR6/4); **SANDY SILT with GRAVEL**; Wet; Soft to firm; Fine to coarse grained sand; Caliche gravel.	0	
				(ML) 71'-90' Strong brown (7.5YR5/6); **SILT**; Wet; Firm; Low plasticity.	0.1	
75					0.4	Cement - 5% bentonite slurry
					1.3	
80		ML		Below 80' - Trace caliche nodules.	0.3	
				Below 82.5' - No caliche; Trace fine grained caliche sand.	0.2	Hydrated bentonite
85					0	#3 Sand
				Below 87.5' - Light brown (7.5YR6/4); Medium plasticity.	0.2	3rd Temporary well set at 90'
90	GW-90				0	

WELL NUMBER U4U5-7

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 11/8/16 **COMPLETED** 12/8/16
GROUND ELEVATION 1812.809 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717563.629
LOGGED BY W. Green **CHECKED BY** J. Walker
EASTING 828112.379
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SM		(SM) 1'-1.5' Brown (7.5YR4/4); **SILTY SAND**; Dry; Medium dense; Subrounded grains; Fine grained sand; Few subangular gravel.	0.2	
	SS-2.5	SM		(SM) 2.5'-3' Brown (7.5YR4/4); **SILTY SAND**; Dry; Medium dense; Subrounded grains; Fine grained sand; Few subangular gravel.	0.1	
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR4/4); **SILTY SAND**; Dry; Medium dense; Subrounded grains; Fine grained sand; Trace subangular gravel.	0.2	
	SS-7.5	SM		(SM) 7.5'-8' Brown (7.5YR4/4); **SILTY SAND**; Dry; Medium dense; Subrounded grains; Fine grained sand; Trace subangular gravel.	0.1	
10	SS-10	SM		(SM) 10'-10.5' Brown (7.5YR4/4); **SILTY SAND**; Dry; Medium dense; Subrounded grains; Fine grained sand; Trace subangular gravel.	0.1	
	SS-12.5	SP		(SP) 12'-14' **Fill - Poorly Graded SAND**.	0.1	
15	SS-15	SP-SM		(SP-SM) 14'-17.5' Brown (7.5YR4/4); **Poorly Graded SAND with SILT**; Dry; Loose; Subangular to Subrounded grains; Fine grained sand; Few gravel.	0.1	
	SS-17.5			17.5'-18' **Pulverized Pipe.**	0.4	Cement - 5% bentonite slurry
				18'-19' **Pulverized Concrete.**		
20	SS-20	SW-SM		(SW-SM) 19'-25' Brown (7.5YR4/4); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.2	
	SS-22.5				0.3	
25	SS-25			25'-28' **No Recovery**.	0.4	
		SW-SM		(SW-SM) 28'-35' **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.		
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	SW-SM		(SW-SM) 28'-35' **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand. *(continued)*	0.5	
	SS-32.5				0.3	
35	SS-35	ML		(ML) 35'-40' Brown (7.5YR4/4); **SANDY SILT**; Moist, Soft; Rounded grains; Fine grained sand.	0.3	
	SS-37.5			Below 37.5' - Wet.	0.3	Hydrated bentonite
40	SS-40			(ML) 40'-45' Brown (7.5YR4/4); **SILT**; Wet; Soft; No plasticity; Few fine grained sand; Trace clay.	0.3	#3 Sand
		ML			0.3	1st Temporary well water level (42') 2nd Temporary well water level (42.5') 1st Temporary well set at 45'
45	GW-45			45'-54.5' **No Recovery.**	0.2	
50						Cement - 5% bentonite slurry
55	SS-55	CL		(CL) 54.5'-60' Brown (7.5YR4/4); **Lean CLAY with SAND**; Wet; Soft; Low plasticity; Rounded grains; Fine grained sand.	0.3	
					0.1	
60	SS-60	ML		(ML) 60'-70' Brown (7.5YR4/4); **SILT**; Wet; Soft; Low plasticity; Trace fine grained sand.	0.1	Hydrated bentonite
					0.2	#3 Sand

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TETRA TECH, INC.

WELL NUMBER U4U5-7

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65				(ML) 60'-70' Brown (7.5YR4/4); **SILT**; Wet; Soft; Low plasticity; Trace fine grained sand. *(continued)*	0.2	2nd Temporary well set at 67.5'
	GW-67.5	ML			0.1	
				Below 68.5' - Few fine grained sand.		
70	SS-70				0.2	
				(SM) 70'-75.5' Brown (7.5YR4/4); **SILTY SAND**; Wet; Medium dense; Rounded grains; Fine grained sand; No plasticity; Trace clay.	0.2	
		SM				Cement - 5% bentonite slurry
75					0.3	
		SW-SM		(SW-SM) 75.5'-75.75' Dark brown (7.5YR3/4); **Well Graded SAND with SILT**; Wet; Loose; Angular to subrounded grains; Fine to coarse grained sand.		3rd Temporary well water level (76.5')
		SM		(SM) 75.75'-79' Brown (7.5YR4/4); **SILTY SAND**; Wet; Medium dense; Rounded grains; Fine grained sand; No plasticity; Trace clay.	0.3	
80	SS-80			(CL) 79'-90' Brown (7.5YR4/4); **Lean CLAY**; Wet; Stiff; Low Plasticity; Trace fine grained sand.	0.3	
					0.2	Hydrated bentonite
85		CL			0.3	#3 Sand
					0.3	3rd Temporary well set at 90'
90	SS-90 GW-90				0.7	

TETRA TECH, INC.

WELL NUMBER U4U5-8

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 10/18/16 **COMPLETED** 12/7/16
GROUND ELEVATION 1812.985 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717574.592
LOGGED BY J. Berjikian/W. Green **CHECKED BY** J. Walker
EASTING 828173.236
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SP		(SP) 1'-1.5' Brown (7.5YR5/4); **Poorly Graded SAND**; Dry; Loose; Angular to subangular grains; Fine grained sand; Few gravel; Trace silt.	0.1	
	SS-2.5	SP		(SP) 2.5'-3' Brown (7.5YR5/4); **Poorly Graded SAND**; Dry; Loose; Angular to subangular grains; Fine grained sand; Few gravel.	0.1	
5	SS-5	SW		(SW) 5'-5.5' Brown (7.5YR5/4); **Well Graded SAND with GRAVEL**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand; Trace silt.	0.2	
	SS-7.5	SW		(SW) 7.5'-8' Brown (7.5YR5/4); **Well Graded SAND with GRAVEL**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand; Trace silt.	0.1	
10	SS-10	SW		(SW) 10'-10.5' Brown (7.5YR5/4); **Well Graded SAND with GRAVEL**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand.	0	
	SS-12.5			12'-14' **Pulverized Concrete.**	0.9	
15	SS-15	SP-SM		(SP-SM) 14'-15.5' Brown (7.5YR4/4); **Poorly Graded SAND with SILT**; Dry; Loose; Subangular to subrounded grains; Fine grained sand; Trace gravel.	0.4	
				15.5'-16' **Pulverized Pipe.**		
				16'-18' **No Recovery.**		
				18'-18.5' **Pulverized Concrete.**		Cement - 5% bentonite slurry
20	SS-20	SW-SM		(SW-SM) 18.5'-34.5' Brown (7.5YR4/4); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.3	
	SS-22.5				0.4	
25	SS-25				0.2	
	SS-27.5				0.3	
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	SW-SM		(SW-SM) 18.5'-34.5' Brown (7.5YR4/4); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand. *(continued)*	0.2	
	SS-32.5				0.1	
35	SS-35	ML		(ML) 34.5'-45' Brown(7.5YR4/4); **SANDY SILT**; Moist, Soft; Rounded grains; Fine grained sand; No plasticity; Trace clay.	0.2	
	SS-37.5				0.2	Hydrated bentonite
				Below 38' - Wet.		
40	SS-40				0.2	#3 Sand
				Below 43' - Fine to coarse grained sand.	0.2	1st Temporary well water level (42.6')
45	GW-45	SW-SM		(SW-SM) 45'-50' Brown (7.5YR4/4); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.6	1st Temporary well set at 45'
					0.4	
50	SS-50	ML		(ML) 50'-59' Brown (7.5YR4/4); **SILT**; Wet; Soft to Firm; Low plasticity; Few rounded, fine grained sand.	1.1	2nd Temporary well water level (50.5')
					0.2	
55					0.2	Cement - 5% bentonite slurry
					0.2	
60	SS-60	ML		(ML) 59'-64' Brown (7.5YR4/4); **SILT with SAND**; Wet; Soft to Firm; Rounded grains; Fine grained sand; Low plasticity.	0.2	Hydrated bentonite
					0.3	#3 Sand

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TETRA TECH, INC.

WELL NUMBER U4U5-8

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		CL		(CL) 64'-70.5' Brown (7.5YR4/4); **Lean CLAY**; Wet; Firm; Low Plasticity; Few rounded, fine grained sand. *(continued)*	0.2	2nd Temporary well set at 67.5'
	GW-67.5	CL			0.2	
70	SS-70				0.2	
		CL		(CL) 70.5'-71' Light brown (7.5YR6/4); **GRAVELLY Lean CLAY**; Wet; Firm; Angular to subrounded grains; Low plasticity; Few fine to coarse grained sand.		
		SM		(SM) 71'-75' Brown (7.5YR4/4); **SILTY SAND**; Wet; Medium dense; Rounded grains; Fine grained sand; No plasticity.	0.2	
75					0.2	Cement - 5% bentonite slurry
				(CL) 75'-90' Brown (7.5YR4/4); **Lean CLAY**; Wet; Stiff; Low plasticity; Trace rounded, fine grained sand.	0.1	
80	SS-80				0.1	3rd Temporary well water level (81.5')
		CL			0.1	Hydrated bentonite
85					0.1	#3 Sand
					0.1	3rd Temporary well set at 90'
90	SS-90 GW-90				0.1	

WELL NUMBER U4U5-9

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 10/18/16 **COMPLETED** 12/6/16
GROUND ELEVATION 1812.818 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 10"
DRILLING METHOD Sonic Drilling
NORTHING 26717579.641
LOGGED BY J. Berjikian/W. Green **CHECKED BY** J. Walker
EASTING 828217.077
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SM		(SM) 1'-1.5' Light Brown (7.5YR6/4); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel.	0.2	
	SS-2.5	SM		(SM) 2.5'-3' Brown (7.5YR5/4); **SILTY SAND**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand; Few gravel.	0.2	
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR5/4); **SILTY SAND**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand; Few gravel.	0.1	
	SS-7.5	SM		(SM) 7.5'-8' Brown (7.5YR5/4); **SILTY SAND**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand; Few gravel.	0.1	
10	SS-10	SW-SM		(SW-SM) 10'-10.5' Brown (7.5YR5/4); **Well Graded SAND with SILT**; Dry; Loose; Subrounded grains; Fine to coarse grained sand; Trace gravel.	0	
	SS-12.5			12'-14' **Pulverized Concrete.**	0.2	
15	SS-15	SP-SM		(SP-SM) 14'-17' Brown (7.5YR4/4); **Poorly Graded SAND with SILT**; Dry; Loose; Subangular to subrounded grains; Fine to medium grained sand; Trace gravel.	0.3	
	SS-17.5			17'-18' **Pulverized Concrete.**	0.5	
		SW-SM		(SW-SM) 18'-20' Brown (7.5YR4/4); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.		Cement - 5% bentonite slurry
20	SS-20	SM		(SM) 20'-21.5' White (7.5YR8/1); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0.4	
	SS-22.5			(SW-SM) 21.5'-31.5' Brown (7.5YR4/4); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand.	0	
25	SS-25	SW-SM			0	
	SS-27.5				1.3	
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	SW-SM			0.1	
	SS-32.5	SM		(SM) 31.5'-35' Brown (7.5YR4/4); **SILTY SAND**; Dry; Loose; Rounded grains; Fine grained sand.	0	
35	SS-35			(ML) 35'-68' Brown (7.5YR4/4); **SILT**; Moist; Soft; No plasticity; Few rounded, fine grained sand.	0	1st Temporary well water level (37.5')
	SS-37.5			Below 38' - Wet.	0	Hydrated bentonite
40	SS-40				0	2nd Temporary well water level (41') #3 Sand
45	GW-46			Below 46' - Trace fine grained sand.	0	1st Temporary well set at 46'
50	SS-50	ML			0	Cement - 5% bentonite slurry
55				Below 53' - Light brown (7.5YR6/4); Low plasticity.	0	
60	SS-60			Below 59' - Trace caliche nodules. Below 60.5' - No caliche.	0	Hydrated bentonite
					0	#3 Sand

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 35'-68' Brown (7.5YR4/4); **SILT**; Moist; Soft; No plasticity; Few rounded, fine grained sand. *(continued)*	0	2nd Temporary well set at 68'
	GW-68	CL		(CL) 68'-69.5' Brown (7.5YR4/4); **Lean CLAY**; Wet; Soft to firm; Low plasticity; Trace rounded, fine grained sand.	0	
70	SS-70	SW-SM		(SW-SM) 69.5'-70.5' Dark Brown (7.5YR3/4); **Well Graded SAND with SILT**; Wet; Loose; Angular to subrounded grains; Fine to coarse grained sand.	0.3	
		ML		(ML) 70.5'-77.5' Brown (7.5YR4/4); **SANDY SILT**; Wet; Soft; Rounded grains; Fine grained sand; Low plasticity.	0.2	Cement - 5% bentonite slurry
75					0.1	
		CL		(CL) 77.5'-80.5' Brown (7.5YR4/4); **Lean CLAY with SAND**; Wet; Soft to firm; Rounded to subrounded grains; Fine grained sand; Low plasticity.	0.1 0.1	
80	SS-80	CL		(CL) 80.5'-82' Brown (7.5YR4/4); **Lean CLAY**; Wet; Firm; Trace rounded, fine grained sand.	0.1	
		ML		(ML) 82'-83.5' Brown (7.5YR 4/4); **SILT**; Wet; Soft to firm; Low plasticity; Few rounded, fine grained sand.	0.2	Hydrated bentonite
85		CL		(CL) 83.5'-100' Brown (7.5YR4/4); **Lean CLAY**; Wet; Firm; Low plasticity.	0.1	#3 Sand
					0.2	3rd Temporary well water level (88.5')
90	SS-90 GW-90				0.2	3rd Temporary well set at 90'
				Below 92.5' - Trace rounded, fine grained sand.	0.1	
95					0.2	Cement - 5% bentonite slurry
				Below 96' - Trace caliche nodules.	0.1	

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
100	SS-100	CL		(CL) 83.5'-100' Brown (7.5YR4/4); **Lean CLAY**; Wet; Firm; Low plasticity. *(continued)*		
		ML		(ML) 100'-103.5' Brown (7.5YR4/4); **SILT with SAND**; Wet; Firm; Rounded grains; Fine grained sand; Low plasticity; Trace caliche gravel.	0.1 0.1	Hydrated bentonite 4th Temporary well water level (103.5') #3 Sand
105		CL		(CL) 103.5'-105.5' Light Brown (7.5YR6/3); **Lean CLAY with GRAVEL**; Wet; Firm; Subangular to subrounded gravel; Low plasticity; Few subangular to subrounded, fine to coarse grained sand.	0.2	
		CL		(CL) 105.5'-113.5' Brown (7.5YR5/4); **Lean CLAY**; Wet; Stiff; Low plasticity; Trace rounded, fine grained sand.	0.1	4th Temporary well set at 110'
110	SS-110 GW-110				0.1	
					0.1	Cement - 5% bentonite slurry
115		ML		(ML) 113.5'-116' Brown (7.5YR4/4); **SILT**; Wet; Soft to firm; Low plasticity; Few rounded, fine grained sand.	0	
		CL		(CL) 116'-122' Brown (7.5YR 4/4); **Lean CLAY**; Wet; Firm to stiff; Low plasticity; Trace rounded, fine grained sand.	0	5th Temporary well water level (117')
120	SS-120				0	
		ML		(ML) 122'-124' Brown (7.5YR4/4); **SILT**; Wet; Firm; Low plasticity; Trace rounded, fine grained sand.	0	Hydrated bentonite
125		CL		(CL) 124'-126' Brown (7.5YR4/4) **Lean CLAY**; Wet; Firm to stiff; Low plasticity; Trace rounded, fine grained sand.	0	#3 Sand
		ML		(ML) 126'-129' Brown (7.5YR4/4) Brown (7.5YR4/4); **SILT with SAND**; Wet; Firm to stiff; Rounded grains; Fine to medium grained sand; Low plasticity; Trace subangular gravel.	0	5th Temporary well set at 130'
130	SS-130 GW-130	ML		(ML) 129'-130.5' Brown (7.5YR4/4); **SILT**; Wet; Firm; Low plasticity; Trace rounded, fine grained sand.	0	
		CL		(CL) 130.5'-143.5' Brown (7.5YR4/4); **Lean CLAY**; Wet; Firm; Low plasticity; Trace rounded, fine grained sand.		

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TETRA TECH, INC.

WELL NUMBER U4U5-9

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
135		CL		(CL) 130.5'-143.5' Brown (7.5YR4/4); **Lean CLAY**; Wet; Firm; Low plasticity; Trace rounded, fine grained sand. *(continued)*	0 0.1 0.1	Cement - 5% bentonite slurry
140	SS-140				0 0.1	Hydrated bentonite 6th Temporary well water level (143')
145		CL		(CL) 143.5'-145' Light Brown (7.5YR6/4); **GRAVELLY Lean CLAY**; Wet; Firm; Angular to subangular gravel; Low plasticity; Caliche nodules; Few subangular, fine to coarse grained sand.	0	#3 Sand
		CL		(CL) 145'-150' Brown (7.5YR4/4); **Lean CLAY**; Wet; Firm; Low plasticity; Trace rounded, fine grained sand.	0.1 0.1	6th Temporary well set at 150'
150	SS-150 GW-150					

WELL NUMBER U4U5-10

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 11/8/16 **COMPLETED** 11/29/16
GROUND ELEVATION 1812.706 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717590.435
LOGGED BY W. Green **CHECKED BY** J. Walker
EASTING 828278.022
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SM		(SM) 1'-1.5' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry, Medium dense; Subangular subrounded grains; Fine grained sand.	0.1	
	SS-2.5	SM		(SM) 2.5'-3' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry, Medium dense; Subangular subrounded grains; Fine grained sand.	0	
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR4/4); **SILTY SAND**; Dry, Loose; Subangular subrounded grains; Fine grained sand.	0.1	
	SS-7.5	SM		(SM) 7.5'-8' Brown (7.5YR4/4); **SILTY SAND**; Dry, Loose; Subangular to subrounded grains; Fine grained sand; Few gravel.	0.1	
10	SS-10	SM		(SM) 10'-10.5' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry, Medium dense; Subangular to subrounded grains; Fine grained sand.	0.1	
	SS-12.5	SP		(SP) 12'-14' **Fill - Poorly Graded SAND.**	0.3	
				14'-15' **Pulverized Concrete.**		
15	SS-15	SW		(SW) 15'-15.5' Brown (7.5YR5/4); **Well Graded SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel.	0.1	
				15.5'-15.75' **Pulverized Pipe**.		Cement - 5% bentonite slurry
				15.75'-17.75' **No Recovery**.		
				17.75'-18' **Pulverized Concrete**.		
20	SS-20	SW-SM		(SW-SM) 18'-32' Brown (7.5YR4/4); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.1	
	SS-22.5				0	
25	SS-25				1.5	
	SS-27.5				0.8	
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	SW-SM		(SW-SM) 18'-32' Brown (7.5YR4/4); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand. *(continued)*	0.5	
	SS-32.5	SM		(SM) 32'-35' White (7.5YR8/1); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine grained sand; Trace caliche gravel. Below 32.5' - No caliche nodules.	0.1	
35	SS-35	ML		(ML) 35'-43' Brown (7.5YR4/4); **SILT with SAND**; Moist; Soft; Rounded to subrounded grains; Fine grained sand; No plasticity.	0.1	Hydrated bentonite
	SS-37.5			Below 38' - Wet.	0.2	#3 Sand
40	SS-40				0.1	1st Temporary well water level (41.2')
	GW-43				0.1	2nd Temporary well water level (41.5')
45		ML		(ML) 43'-49' Brown (7.5YR4/4); **SILT**; Wet; Soft to firm; Low plasticity; Trace rounded, fine grained sand.	0.8	1st Temporary well set at 43'
					0.6	
50	SS-50	CL		(CL) 49'-57.5' Brown (7.5YR4/4); **Lean CLAY**; Wet; Soft; Low plasticity; Trace rounded, fine grained sand.	0.5	Cement - 5% bentonite slurry
					0.7	
55					0.5	
		ML		(ML) 57.5'-65' Brown (7.5YR4/4); **SILT**; Wet; Soft; Low plasticity; Trace rounded, fine grained sand.	0.4	
60	SS-60				0.7	Hydrated bentonite
					0.9	#3 Sand

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WELL NUMBER U4U5-10

TETRA TECH, INC.

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		65'-66.5' **No Recovery.**	0.5	2nd Temporary well set at 66.5'
	GW-66.5	SW-SM		(SW-SM) 66.5'-68' Dark Brown (7.5YR3/4); **Well Graded SAND with SILT**; Wet; Loose; Subangular to subrounded grains; Fine to coarse grained sand; No plasticity.	0.9	
		ML		(ML) 68'-70' Brown (7.5YR4/4); **SILT with SAND**; Wet; Soft; Rounded grains; Fine grained sand; Low plasticity.		
70	SS-70			(SM) 70'-75' Brown (7.5YR4/4); **SILTY SAND**; Wet; Medium dense; Rounded grains; Fine grained sand; No plasticity.	0.6	3rd Temporary well water level (69.5')
		SM			0.5	
75				(ML) 75'-80' Brown (7.5YR4/4); **SILT with SAND**; Wet; Soft to firm; Rounded grains; Fine grained sand.	0.6	Cement - 5% bentonite slurry
		ML			1	
80	SS-80	SW-SM		(SW-SM) 80'-80.5' Dark Brown (7.5YR3/4); **Well Graded SAND with SILT**; Wet; Loose; Subangular grains; Fine to coarse grained sand; Trace gravel.	0.6	
		ML		(ML) 80.5'-82.5' Brown (7.5YR4/4); **SILT**; Wet; Soft to firm; No plasticity; Trace rounded, fine grained sand.	0.9	Hydrated bentonite
		CL		(CL) 82.5'-90' Brown (7.5YR4/4); **Lean CLAY**; Wet; Firm; Low plasticity; Few fine rounded, fine grained sand.		
85					0.6	#3 Sand
					0.4	3rd Temporary well set at 90'
90	SS-90 GW-90				0.3	

WELL NUMBER U4U5-11

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 11/9/16 **COMPLETED** 11/21/16
GROUND ELEVATION 1812.523 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717597.651
LOGGED BY W. Green **CHECKED BY** J. Walker
EASTING 828324.594
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SM		(SM) 1'-1.5' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subrounded sand; Subangular gravel; Fine grained sand.	0.1	
	SS-2.5	SM		(SM) 2.5'-3' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subrounded sand; Subangular gravel; Fine grained sand.	0	
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR4/4); **SILTY SAND**; Dry; Loose; Subrounded sand; Fine to coarse grained sand; Few subangular gravel.	0.1	
	SS-7.5	SM		(SM) 7.5'-8' Brown (7.5YR4/4); **SILTY SAND**; Dry; Loose; Subrounded sand; Fine to coarse grained sand; Few subangular gravel.	0.2	
10	SS-10	SM		(SM) 10'-10.5' Brown (7.5YR4/4); **SILTY SAND**; Dry; Loose; Subrounded sand; Fine to coarse grained sand; Few subangular gravel.	0.1	
	SS-12.5	SM		(SM) 12'-15' Brown (7.5YR4/4); **SILTY SAND**; Dry; Loose; Subrounded sand; Fine to coarse grained sand; Few subangular gravel.		
15	SS-15			15'-35' **No Recovery.**		Cement - 5% bentonite slurry
20						
25						
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30				15'-35' **No Recovery.** *(continued)*		
35	SS-35			(ML) 35'-43' Brown (7.5YR4/4); **SILT**; Moist; Soft; Low plasticity; Trace fine grained sand.		Hydrated bentonite
	SS-37.5	ML		Below 38' - Wet.	0.9	#3 Sand
40	SS-40				0.6	1st Temporary well water level (41')
	GW-43				0.9	2nd Temporary well water level (42.4')
		CL		(CL) 43'-44' Brown (7.5YR4/4); **Lean CLAY**; Wet; Soft; Low plasticity; Trace fine grained sand.		1st Temporary well set at 43'
45		ML		(ML) 44'-46.5' Brown (7.5YR4/4); **SILT**; Wet; Soft; Low plasticity; Trace fine grained sand.	0	
		CL		(CL) 46.5'-56' Brown (7.5YR4/4); **Lean CLAY**; Wet; Soft; Low plasticity; Few fine to medium grained sand.	0	
50	SS-50				0	Cement - 5% bentonite slurry
					0	
55					0	
					0	
60	SS-60	ML		(ML) 56'-65.5' Brown (7.5YR4/4); **SILT with SAND**; Wet; Soft; Rounded grains; Fine grained sand; Low plasticity; Trace clay.	0	Hydrated bentonite
					0	3rd Temporary well water level (60.6')
					0	#3 Sand

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TETRA TECH, INC.

WELL NUMBER U4U5-11

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 56'-65.5' Brown (7.5YR4/4); **SILT with SAND**; Wet; Soft; Rounded grains; Fine grained sand; Low plasticity; Trace clay. *(continued)*	0	2nd Temporary well set at 66.5'
	GW-66.5	CL		(CL) 65.5'-68.5' Brown (7.5YR4/4); **Lean CLAY**; Wet; Soft; Low plasticity; Trace fine grained sand.	0	
70	SS-70	CL		(CL) 68.5'-70.5' Brown (7.5YR4/4); **Lean CLAY with SAND**; Wet; Soft; Subangular to subrounded grains; Fine to coarse grained sand; Low plasticity; Few gravel.	0	
	SS-71	SW-SM		(SW-SM) 70.5'-71' Dark brown (7.5YR3/2); **Well Graded SAND with SILT**; Wet; Loose; Subangular to subrounded grains; Fine to coarse grained sand.		
		ML		(ML) 71'-77' Brown (7.5YR4/4); **SILT**; Wet; Soft; Low plasticity; Trace fine grained sand.	0	Cement - 5% bentonite slurry
75					0	
		ML		(ML) 77'-81' Brown (7.5YR4/4); **SILT with SAND**; Wet; Firm; Subangular to subrounded grains; Fine to coarse grained sand; Low plasticity.	0	
80	SS-80				0	
		CL		(CL) 81'-90' Brown (7.5YR4/4); **Lean CLAY**; Wet; Firm to stiff; Low plasticity.	0	Hydrated bentonite
85					0	#3 Sand
					0	3rd Temporary well set at 90'
90	SS-90 GW-90				0.1	

WELL NUMBER U4U5-12

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 9/15/16 **COMPLETED** 9/16/16
GROUND ELEVATION 1812.203 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717605.77
LOGGED BY J. Bunkers/J. Souza **CHECKED BY** J. Walker
EASTING 828395.94
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SP-SM		(SP-SM) 1'-1.5' Brown (7.5YR5/4); **Poorly Graded SAND with SILT**; Moist from hydrovac; Loose; Subangular to subrounded grains; Fine to medium grained sand.	0	
	SS-2.5	SP-SM		(SP-SM) 2.5'-3' Brown (7.5YR5/4); **Poorly Graded SAND with SILT**; Moist from hydrovac; Loose; Subangular to subrounded grains; Fine to medium grained sand.	0	
5	SS-5	SP-SM		(SP-SM) 5'-5.5' Brown (7.5YR5/4); **Poorly Graded SAND with SILT**; Moist from hydrovac; Loose; Subangular to subrounded grains; Fine to medium grained sand.	0	
	SS-7.5	SP-SM		(SP-SM) 7.5'-8' Dark yellowish brown (10YR4/6); **Poorly Graded SAND with SILT**; Moist from hydrovac; Loose; Subangular to subrounded grains; Fine to medium grained sand.	0	
10	SS-10	SP-SM		(SP-SM) 10'-10.5' Brown (7.5YR5/4); **Poorly Graded SAND with SILT**; Moist from hydrovac; Loose; Subangular to subrounded grains; Fine to medium grained sand.	0	
	SS-12.5	SP-SM		(SP-SM) 12'-15' Brown (7.5YR5/4); **Poorly Graded SAND with SILT**; Moist from hydrovac; Loose; Subangular to subrounded grains; Fine to medium grained sand.		
15	SS-15	SW-SM		(SW-SM) 15'-23' Brown (7.5YR4/4); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.		Cement - 5% bentonite slurry
	SS-17.5					
20	SS-20					
	SS-22.5					
25	SS-25	SM		(SM) 23'-40' Brown (7.5YR5/4); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.		
	SS-27.5					
30						

(Continued Next Page)

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30			(SM) 23'-40' Brown (7.5YR5/4); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel. *(continued)*		
	SS-32.5					
35	SS-35	SM				
	SS-37.5					
40	SS-40					1st Temporary well water level (40')
	SS-42.5	SW-SM		(SW-SM) 40'-45' Brown (7.5YR4/4); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.		Hydrated bentonite
45	SS-45			(ML) 45'-58' Brown (7.5YR5/4); **SILT**; Moist; Firm; Medium plasticity.		#3 Sand
					0.1	1st Temporary well set at 50'
50	GW-50			Below 50' - Few fine grained sand.	0.1	
		ML			0.2	2nd Temporary well water level (51')
55					0.1	Cement - 5% bentonite slurry
					0.1	
		ML		(ML) 58'-61' Brown (7.5YR5/4); **SILT with SAND**; Moist; Firm; Fine grained sand; Low plasticity.		
60					0.2	
		ML		(ML) 61'-65' Brown (7.5YR5/4); **SILT**; Moist; Firm; Medium plasticity; Trace fine grained sand.	0.3	Hydrated bentonite

(Continued Next Page)

TETRA TECH, INC.

WELL NUMBER U4U5-12

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML				
		ML		(ML) 65'-70' Brown (7.5YR5/4); **SILT with SAND**; Moist; Soft; Fine to medium grained sand; Low plasticity.	0.5 2.7	#3 Sand 2nd Temporary well set at 70'
70	GW-70	ML		(ML) 70'-72' Brown (7.5YR5/4); **SILT with SAND**; Moist; Soft; Fine grained sand; Medium plasticity.	1.6	
		SP-SM		(SP-SM) 72'-75' Dark brown (7.5YR3/3); **Poorly Graded SAND with SILT**; Moist; Loose; Angular to rounded grains; Medium grained sand; Trace gravel.	0.5	
75		ML		(ML) 75'-84' Brown (7.5YR5/4); **SILT with SAND**; Moist; Soft; Subangular to subrounded grains; Fine to medium grained sand; Low plasticity.	0.3 0.3 0.3 0.5	Cement - 5% bentonite slurry Hydrated bentonite
80						
85		CL		(CL) 84'-90' Brown (7.5YR5/4); **Lean CLAY**; Moist; Stiff; Medium plasticity; Caliche nodules.	0.1 0 0	#3 Sand 3rd Temporary well water level (85') 3rd Temporary well set at 90'
90	GW-90					

WELL NUMBER U4U5-13

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/26/16 **COMPLETED** 7/27/16
GROUND ELEVATION 1812.505 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717649.96
LOGGED BY B. Shams/J. Thacker **CHECKED BY** J. Walker
EASTING 828467.683
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SM		(SM) 1'-1.5' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0.2	
	SS-2.5	SM		(SM) 2.5'-3' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0	
5	SS-5	SM		(SM) 5'-5.5' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0.5	
	SS-7.5	SM		(SM) 7.5'-8' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0.6	
10	SS-10	SM		(SM) 10'-10.5' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0.6	
	SS-12.5	SM		(SM) 12'-25' Light brown (7.5YR6/3); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular to angular grains; Fine to medium grained sand.	1.5	
15	SS-15				2.8	
	SS-17.5			Below 17.5' - Fine to coarse grained sand.	1.9	
20	SS-20			Below 20' - 7.5YR 5/4(Brown).	5	Cement - 5% bentonite slurry
	SS-22.5				2.7	
25	SS-25			(SW-SM) 25'-35' Brown (7.5YR4/4); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to angular grains; Fine to coarse grained sand.	1.9	
	SS-27.5	SW-SM		Below 28' - Some gravel up to 2".		
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	SW-SM		(SW-SM) 25'-35' Brown (7.5YR4/4); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to angular grains; Fine to coarse grained sand. *(continued)*		
	SS-32.5			Below 32' - Caliche nodules.	0.1	
				Below 33' - No caliche.		
35	SS-35	SM		(SM) 35'-42' Strong brown (7.5YR5/6); **SILTY SAND with GRAVEL**; Loose; Subrounded grains; Fine grained sand; Caliche gravel; Trace clay.	0.5	
	SS-37.5				0.3	1st Temporary well water level (41.61')
40	SS-40				1.5	2nd Temporary well water level (42.15')
		CL		(CL) 42'-70' Brown (7.5YR5/4); **Lean CLAY**; Moist; Stiff; Low plasticity; Trace gravel; Trace fine grained sand.	2.5	Hydrated bentonite
45					2.1	#3 Sand
					3.3	3rd Temporary well water level (45.9')
50	GW-50			Below 50' - Dry; Low to medium plasticity; Caliche nodules.	4.2	1st Temporary well set at 50'
					2.7	
55				Below 55' - Light brown (7.5YR6/4); Few fine grained sand.	2.2	Cement - 5% bentonite slurry
					2.6	
60				Below 60' - Strong brown (7.5YR5/6).	2.2	
					0.8	Hydrated bentonite

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TETRA TECH, INC.

WELL NUMBER U4U5-13

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		CL		(CL) 42'-70' Brown (7.5YR5/4); **Lean CLAY**; Moist; Stiff; Low plasticity; Trace gravel; Trace fine grained sand. *(continued)*	1.7	#3 Sand
					1.4	2nd Temporary well set at 70'
70	GW-70			(CL) 70'-82' Brown (7.5YR5/4); **SANDY Lean CLAY**; Dry; Stiff; Subrounded grains; Fine grained sand; Low plasticity; Few gravel.	1.1	
					0.7	
75		CL		Below 74.5' - Some caliche nodules.	0.8	Cement - 5% bentonite slurry
					1.1	
80					0.4	
		SW		(SW) 82'-83' Brown (7.5YR5/4); **Well Graded SAND**; Moist; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.4	Hydrated bentonite
		CL		(CL) 83'-90' Brown (7.5YR5/4); **SANDY Lean CLAY**; Moist; Stiff; Subrounded grains; Fine grained sand; Low plasticity; Few gravel.		
85					0.3	#3 Sand
					0.4	3rd Temporary well set at 90'
90	GW-90				0.5	

WELL NUMBER U4U5-14

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/12/16 **COMPLETED** 7/14/16
GROUND ELEVATION 1812.659 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717651.441
LOGGED BY B. Shams/W. Green **CHECKED BY** J. Walker
EASTING 828510.671
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SM		(SM) 1'-1.5' Pinkish gray (7.5YR6/2); **SILTY SAND**; Dry; Loose; Fine to coarse grained sand; Trace gravel.	0.5	
	SS-2.5	SM		(SM) 2.5'-3' Pinkish gray (7.5YR6/2); **SILTY SAND**; Dry; Loose; Fine to coarse grained sand; Trace gravel.	0.4	
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR5/4); **SILTY SAND**; Moist from hydrovac; Loose; Fine to coarse grained sand; Trace gravel.	0.2	
	SS-7.5	SM		(SM) 7.5'-8' Dark brown (7.5YR3/4); **SILTY SAND**; Moist from hydrovac; Loose; Fine to coarse grained sand; Trace gravel.	0.2	
10	SS-10	SM		(SM) 10'-10.5' Brown (7.5YR5/4); **SILTY SAND**; Dry; Loose; Fine to coarse grained sand; Trace gravel.	0.3	
	SS-12.5	SM		(SM) 12'-44.5' Yellowish brown (10YR5/4); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few fine to coarse gravel.		Cement - 5% bentonite slurry
15	SS-15					
	SS-17.5					
20	SS-20					
	SS-22.5					
25	SS-25					
	SS-27.5					
30						

(Continued Next Page)

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	SM		(SM) 12'-44.5' Yellowish brown (10YR5/4); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few fine to coarse gravel. *(continued)*		
	SS-32.5					
35	SS-35					
	SS-37.5					
40	SS-40			Below 41' - Brown (7.5YR4/4); Fine to medium grained sand.		
	SS-42.5					Hydrated bentonite
45	SS-45	ML		(ML) 44.5'-50' Brown (7.5YR4/4); **SILT**; Moist; Soft to firm; Low plasticity; Trace rounded, fine grained sand.		#3 Sand 1st Temporary well water level (48.4')
50	GW-50			50'-59.5' **No Recovery.**		1st Temporary well set at 50'
						2nd Temporary well water level (51')
55						Cement - 5% bentonite slurry
60		ML		(ML) 59.5'-73' Brown (7.5YR4/4); **SILT**; Moist; Soft to firm; Low plasticity; Trace fine grained sand.		Hydrated bentonite

(Continued Next Page)

TETRA TECH, INC.

WELL NUMBER U4U5-14

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65				(ML) 59.5'-73' Brown (7.5YR4/4); **SILT**; Moist; Soft to firm; Low plasticity; Trace fine grained sand. *(continued)*		#3 Sand
		ML				2nd Temporary well set at 70'
70	GW-70					
					1.8	
		SP-SM		(SP-SM) 73'-74.5' Dark brown (7.5YR3/2); **Poorly Graded SAND with SILT**; Wet; Dense; Subrounded grains; Coarse grained sand.		3rd Temporary well water level (74')
75				(ML) 74.5'-88' Brown (7.5YR4/4); **SILT**; Moist; Firm; Low plasticity; Trace rounded, fine grained sand.	1.1	
					0.8	Cement - 5% bentonite slurry
80					0.5	
		ML				
					0.3	Hydrated bentonite
85					0.3	#3 Sand
		SW-SM		(SW-SM) 88'-88.5' Dark brown (7.5YR3/2); **Well Graded SAND with SILT**; Wet; Dense; Fine to coarse grained sand.	0.1	3rd Temporary well set at 90'
		ML		(ML) 88.5'-90' Brown (7.5YR4/4); **SILT**; Moist; Firm; Low plasticity; Trace fine grained sand.	0.1	
90	GW-90					

TETRA TECH, INC.

WELL NUMBER U4U5-15

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/11/16 **COMPLETED** 7/13/16
GROUND ELEVATION 1812.741 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717659.795
LOGGED BY B. Shams/W. Green **CHECKED BY** J. Walker
EASTING 828542.863
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SW-SM		(SW-SM) 1'-1.5' Light brown (7.5YR6/3); **Well Graded SAND with SILT**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.		
	SS-2.5	SW-SM		(SW-SM) 2.5'-3' Light brown (7.5YR6/3); **Well Graded SAND with SILT**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.		
5	SS-5	SW-SM		(SW-SM) 5'-5.5' Light brown (7.5YR6/3); **Well Graded SAND with SILT**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.		
	SS-7.5	SW-SM		(SW-SM) 7.5'-8' Light brown (7.5YR6/3); **Well Graded SAND with SILT**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.		
10	SS-10	SW-SM		(SW-SM) 10'-10.5' Light brown (7.5YR6/3); **Well Graded SAND with SILT**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.		
	SS-12.5	SM		(SM) 12'-41.5' Yellowish brown (10YR5/4); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few fine to coarse gravel.	2.1	
15	SS-15				1.1	
	SS-17.5				4.1	
20	SS-20			Below 21' - Light yellowish brown (10YR6/4).	1.2	Cement - 5% bentonite slurry
	SS-22.5				0.6	
25	SS-25				2.5	
	SS-27.5				0	
30				Below 29' - Yellowish brown (10YR5/4).		

(Continued Next Page)

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	SM		(SM) 12'-41.5' Yellowish brown (10YR5/4); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few fine to coarse gravel. *(continued)*	0	
	SS-32.5				0.3	
35	SS-35				1	
	SS-37.5				0	
40	SS-40				0.9	
				Below 41' - Light gray (10YR7/1); Caliche nodules.		
	SS-42.5	ML		(ML) 41.5'-45' Brown (7.5YR4/4); **SILT**; Moist; Soft; Low plasticity; Trace rounded, fine grained sand.	1	Hydrated bentonite
45	SS-45			45'-48' **No recovery**	0.1	#3 Sand
		ML		(ML) 48'-50' Brown (7.5YR4/4); **SILT**; Moist; Soft; Low plasticity; Trace rounded, fine grained sand.		
50	GW-50			50'-69' **No recovery**	0	1st Temporary well water level (46.2') 2nd Temporary well water level (46.65') 1st Temporary well set at 50' 3rd Temporary well water level (50.3')
55						Cement - 5% bentonite slurry
60						Hydrated bentonite

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TETRA TECH, INC.

WELL NUMBER U4U5-15

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65				50'-69' **No recovery** *(continued)*		#3 Sand 2nd Temporary well set at 70'
70	GW-70	CL		(CL) 69'-72' Brown (7.5YR4/4); **Lean CLAY**; Moist; Firm; Medium plasticity; Trace rounded, fine grained sand.		
		ML		(ML) 72'-79.5' Brown (7.5YR4/4); **SILT**; Moist; Firm; No plasticity; Trace subrounded, fine grained sand; Trace clay.	1.6 1.7 0.9	Cement - 5% bentonite slurry
80		SW-SM		(SW-SM) 79.5'-80.5' Dark brown (7.5YR3/2); **Well Graded SAND with SILT**; Wet; Medium dense; Subangular to subrounded grains; Fine to coarse grained sand.	0.6	
		ML		(ML) 80.5'-83.5' Brown (7.5YR4/4); **SILT**; Moist; Firm; Trace rounded, fine grained sand; Trace clay.	0.6	Hydrated bentonite
85		SW-SM		(SW-SM) 83.5'-84.5' Dark brown (7.5YR3/2); **Well Graded SAND with SILT**; Wet; Medium dense; Subangular to subrounded grains; Fine to medium grained sand.	0.7	#3 Sand
		ML		(ML) 84.5'-90' Brown (7.5YR4/4); **SILT**; Moist; Firm; No plasticity; Trace rounded, fine grained sand.	0.5	3rd Temporary well set at 90'
90	GW-90				0.5	

NERT TEMPORARY WELLS - GINT STD US.GDT - 3/22/17 10:53 - P:\NERT\2016\SECOND MOBILIZATION\GINT LOGS\NERT - SECOND MOBILIZATION LOGS.GPJ

WELL NUMBER U4U5-16

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/11/16 **COMPLETED** 8/22/16
GROUND ELEVATION 1812.923 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 10"
DRILLING METHOD Sonic Drilling
NORTHING 26717669.97
LOGGED BY B. Shams/J. Berjikian **CHECKED BY** J. Walker
EASTING 828592.126
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SM		(SM) 1'-1.5' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0	
	SS-2.5	SM		(SM) 2.5'-3' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0.1	
5	SS-5	SM		(SM) 5'-5.5' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0	
	SS-7.5	SM		(SM) 7.5'-8' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0	
10	SS-10	SW-SM		(SW-SM) 10'-10.5' Brown (7.5YR4/4); **Well Graded SAND with SILT**; Moist from Hydrovac; Loose; Angular to subangular grains; Fine to coarse grained sand; Trace fine to coarse gravel.	0.2	
	SS-12.5	SM		(SM) 12'-15' Brown (7.5YR5/4); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to medium grained sand; Few gravel.	0.1	
15	SS-15	SW		(SW) 15'-17.5' Brown (7.5YR5/4); **Well Graded SAND with GRAVEL**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand; Trace silt.	0.8	
	SS-17.5	SW-SM		(SW-SM) 17.5'-40' Brown (7.5YR5/4); **SAND with SILT with GRAVEL**; Dry; Loose; Angular to subrounded grains; Fine to coarse grained sand.	1.2	Cement - 5% bentonite slurry
20	SS-20				0.5	
	SS-22.5				0.4	
25	SS-25				0.1	
	SS-27.5				0.1	
30						

(Continued Next Page)

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	SW-SM		(SW-SM) 17.5'-40' Brown (7.5YR5/4); **SAND with SILT with GRAVEL**; Dry; Loose; Angular to subrounded grains; Fine to coarse grained sand. *(continued)*	0.1	
	SS-32.5				1.2	
35	SS-35				0.1	
	SS-37.5			Below 37.5' - Strong Brown (7.5YR5/6).	0.1	Hydrated bentonite
40	SS-40	SM		(SM) 40'-41' Brown (7.5YR5/4); **SILTY SAND**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand; Trace gravel; Trace clay.	0.3	#3 Sand
		ML		(ML) 41'-46' Strong brown (7.5YR5/6); **SILT**; Wet; Soft; Low plasticity; Few fine grained sand; Trace clay. Below 42.5' - Medium plasticity.	0.4	1st Temporary well water level (42') 2nd Temporary well water level (44')
45					0.5	
	GW-46	ML		(ML) 46'-50' Strong brown (7.5YR5/6); **SILT with SAND**; Wet; Firm; Subangular to subrounded grains; Fine to coarse grained sand; Low plasticity; Few gravel.	0.3	1st Temporary well set at 46'
50	SS-50	ML		(ML) 50'-52.5' Reddish yellow (7.5YR6/8); **SANDY SILT**; Moist; Soft; Angular to subangular grains; Fine to coarse grained sand; Medium plasticity; Trace gravel.	0	3rd Temporary well water level (51')
		CL		(CL) 52.5'-60' Brown (7.5YR5/4); **Lean CLAY**; Moist; Hard; Low plasticity; Few fine to medium grained sand.	0	Cement - 5% bentonite slurry
55					0.3	
					0	
60	SS-60	ML		(ML) 60'-62.5' Brown (7.5YR5/4); **SILT with SAND**; Wet; Soft; Fine grained sand; Low plasticity.	0	Hydrated bentonite
		ML		(ML) 62.5'-67.5' Brown (7.5YR5/4); **SILT**; Wet; Soft; Low plasticity; Trace fine grained sand.	0	#3 Sand

(Continued Next Page)

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 62.5'-67.5' Brown (7.5YR5/4); **SILT**; Wet; Soft; Low plasticity; Trace fine grained sand. *(continued)* Below 65' - Firm; Trace gravel.	0	2nd Temporary well set at 68'
	GW-68	ML		(ML) 67.5'-68' Strong brown (7.5YR5/6); **SANDY SILT with GRAVEL**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand; Trace clay.	0.2	
70	SS-70	CL		(CL) 68'-77' Brown (7.5YR5/4); **Lean CLAY**; Moist; Very stiff; Medium plasticity; Trace gravel.	0.4	
					0.1	
75					0.2	Cement - 5% bentonite slurry
		SW-SM		(SW-SM) 77'-77.5' Brown (7.5YR5/4); **Well Graded SAND with SILT**; Wet; Angular to subangular grains; Fine to coarse grained sand.	0.5	4th Temporary well water level (81.4')
80	SS-80	ML		(ML) 77.5'-85' Strong brown (7.5YR5/6); **SILT**; Wet; Firm; Low plasticity; Trace gravel; Trace fine grained sand.	0.5	
					1.6	Hydrated bentonite
85		CL		(CL) 85'-87' Strong brown (7.5YR5/6); **Lean CLAY**; Moist; Very stiff; Low plasticity.	0.8	#3 Sand
		SP		(SP) 87'-87.25' Strong brown (7.5YR5/6); **Poorly Graded SAND**; Moist; Subrounded grains; Medium to coarse grained sand.	2.7	3rd Temporary well set at 90'
				(CL) 87.25'-99' Strong brown (7.5YR5/6); **Lean CLAY**; Moist; Very stiff; Low plasticity; Trace fine grained sand.		
90	SS-90 GW-90			Below 90' - Light brown 7.5YR(6/4).	1.5	
		CL		Below 92.5' - Strong brown (7.5YR5/6).	0.8	Cement - 5% bentonite slurry
95					1.8	5th Temporary well water level (97')
				Below 97.5' - Brown (7.5YR5/4).	0.4	

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
100	SS-100	ML		(ML) 99'-102' Brown (7.5YR5/3); **SILT with GRAVEL**; Wet; Soft; Low plasticity; Trace fine grained sand.	0.5	
				(CL) 102'-119' Strong brown (7.5YR5/6); **Lean CLAY**; Moist; Stiff; Low plasticity.	0.7	Hydrated bentonite
105					0.4	#3 Sand
				Below 107.5' - Trace gravel.	0.4	4th Temporary well set at 110'
110	SS-110 GW-110	CL		Below 110' - Brown (7.5YR5/4).	0.5	
					0.9	
115					0.3	Cement - 5% bentonite slurry
					0.8	
120	SS-120	ML		(ML) 119'-122' Brown (7.5YR5/4); **SILT**; Moist; Soft; Low plasticity; Trace angular to subangular gravel; Trace fine to medium grained sand. Below 120' - Strong brown (7.5YR5/6).	0.6	
		SW-SM ML		(SW-SM) 122'-122.5' Brown (7.5YR5/4); **Well Graded SAND with SILT**; Wet; Angular to subangular grains; Fine to coarse grained sand; Trace gravel.	1.2	Hydrated bentonite
125				(ML) 122.5'-124' Light brown (7.5YR4/4); **SANDY SILT**; Moist; Angular to subangular grains; Fine to coarse grained sand; Trace clay.	0.9	#3 Sand
		CL		(CL) 124'-131.5' Brown (7.5YR5/4); **Lean CLAY**; Moist; Very stiff; Low plasticity.	0.8	5th Temporary well set at 130'
130	SS-130 GW-130				0.7	
		ML		(ML) 131.5'-133' Strong brown (7.5YR5/6); **SILT**; Moist; Soft; Low plasticity.		

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TETRA TECH, INC.

WELL NUMBER U4U5-16

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
135				(CL) 133'-150' Strong brown (7.5YR5/6); **Lean CLAY**; Moist; Soft; Low plasticity; Trace gravel.	0.7	
					0.3	Cement - 5% bentonite slurry
					0.2	
140	SS-140				0.2	
		CL			0.2	Hydrated bentonite
145					0.2	#3 Sand
						6th Temporary well water level (149')
					0.1	
				Below 148.5' - Light brown (7.5YR6/4); Trace fine grained sand.		
150	SS-150 GW-150				0.1	6th Temporary well set at 150'

TETRA TECH, INC.

WELL NUMBER U4U5-17

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/8/16 **COMPLETED** 7/12/16
GROUND ELEVATION 1812.79 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717676.211
LOGGED BY B. Shams/W. Green **CHECKED BY** J. Walker
EASTING 828650.357
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SW-SM		(SW-SM) 1'-1.5' Light brown (7.5YR6/3); **Well Graded SAND with SILT**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.	0.6	
	SS-2.5	SW-SM		(SW-SM) 2.5'-3' Light brown (7.5YR6/3); **Well Graded SAND with SILT**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.	0.6	
5	SS-5	SW-SM		(SW-SM) 5'-5.5' Brown (7.5YR6/3); **Well Graded SAND with SILT**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.	0.3	
	SS-7.5	SM		(SM) 7.5'-8' Brown (7.5YR6/3); **SILTY SAND**; Moist from hydrovac; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel.	0.5	
10	SS-10	SM		(SM) 10'-10.5' Brown (7.5YR6/3); **SILTY SAND**; Moist from hydrovac; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel.	0.4	
	SS-12.5	SM		(SM) 12'-54.5' Dark yellowish brown (10YR4/6); **SILTY SAND**; Dry; Loose; Angular to subrounded grains; Fine to medium grained sand; Few fine to coarse gravel.	1.4	
15	SS-15				1	
	SS-17.5				0.5	
20	SS-20				0.6	
	SS-22.5				0.8	
25	SS-25				0.5	Cement - 5% bentonite slurry
	SS-27.5				0.7	
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	SM		(SM) 12'-54.5' Dark yellowish brown (10YR4/6); **SILTY SAND**; Dry; Loose; Angular to subrounded grains; Fine to medium grained sand; Few fine to coarse gravel. *(continued)*	1	
	SS-32.5				1	
35	SS-35				0.4	
	SS-37.5			Below 36.5' - Light gray (10YR7/1); Subangular to subrounded grains; Caliche nodules.	0.5	
40	SS-40				0.5	
	SS-42.5				0.4	
45	SS-45			Below 44' - Yellowish brown (10YR5/4).	0.8	
	SS-47.5				0.3	
50	SS-50			Below 50' - No caliche nodules.	0.3	
	SS-52.5				0.3	Hydrated bentonite
55	SS-55	ML		(ML) 54.5'-62.5' Brown (10YR4/4); **SILT**; Wet; Soft to firm; Low plasticity; Trace rounded, fine grained sand. Below 55.5' - Moist.	0.3	#3 Sand
					0.3	1st Temporary well water level (56.4')
60	GW-60				0.1	1st Temporary well set at 60'
		CL		(CL) 62.5'-67.5' Brown (7.5YR4/4); **Lean CLAY**; Moist; Firm; Low plasticity; Trace rounded, fine grained sand.	1.2	2nd Temporary well water level (63.5')

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WELL NUMBER U4U5-17

TETRA TECH, INC.

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		CL		(CL) 62.5'-67.5' Brown (7.5YR4/4); **Lean CLAY**; Moist; Firm; Low plasticity; Trace rounded, fine grained sand. *(continued)*	0.4	Cement - 5% bentonite slurry
				(ML) 67.5'-76' Brown (7.5YR4/4); **SILT**; Moist; Low plasticity; Trace rounded, fine grained sand.	0.2	3rd Temporary well water level (64.42')
70		ML			0.1	Hydrated bentonite #3 Sand
					0	2nd Temporary well set at 75'
75	GW-75				0	
		ML		(ML) 76'-79' Brown (7.5YR4/4); **SILT with SAND**; Moist; Firm; Rounded to subrounded grains; Fine to medium grained sand.	0	Cement - 5% bentonite slurry
80				(ML) 79'-84.5' Brown (7.5YR4/4); **SILT**; Moist; Firm; Few rounded, fine grained sand.	0	
		ML			0	Hydrated bentonite
85		SP-SM		(SP-SM) 84.5'-85' Very dark grayish brown (10YR3/2); **Poorly Graded SAND with SILT**; Moist; Subangular to subrounded grains; Coarse grained sand.	0	#3 Sand
		ML		(ML) 85'-90' Brown (7.5YR4/4); **SILT**; Moist; Firm; Few rounded, fine grained sand; Trace clay.	0	3rd Temporary well set at 90'
90	GW-90				0	

WELL NUMBER U4U5-18

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/8/16 **COMPLETED** 7/14/16
GROUND ELEVATION 1812.849 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717683.51
LOGGED BY B. Shams/A. Weimer **CHECKED BY** J. Walker
EASTING 828695.207
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SW-SM		(SW-SM) 1'-1.5' Light brown (7.5YR6/3); **Well Graded SAND with SILT**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Few gravel.	0	
	SS-2.5	SM		(SM) 2.5'-3' Light brown (7.5YR6/3); **SILTY SAND**; Moist from hydrovac; Loose; Subangular to rounded grains; Fine to coarse grained sand; Few gravel.	0	
5	SS-5	SM		(SM) 5'-5.5' Light brown (7.5YR6/3); **SILTY SAND**; Moist from hydrovac; Loose; Subangular to rounded grains; Fine to coarse grained sand; Few gravel.	0	
	SS-7.5	SW-SM		(SW-SM) 7.5'-8' Light brown (7.5YR6/3); **Well Graded SAND with SILT**; Moist from hydrovac; Loose; Subangular to rounded grains; Fine to coarse grained sand; Few gravel.	0.2	
10	SS-10	SW-SM		(SW-SM) 10'-10.5' Brown (7.5YR5/4); **Well Graded SAND with SILT**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Few gravel.	0	
	SS-12.5	SW-SM		(SW-SM) 12'-15' Brown (7.5YR5/4); **Well Graded SAND with SILT**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Few gravel.	1.8	
15	SS-15	SM		(SM) 15'-20' Brown (7.5YR5/4); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel.	1.7	
	SS-17.5				1.3	
20	SS-20	SW-SM		(SW-SM) 20'-25' Brown (7.5YR5/3); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	1.3	Cement - 5% bentonite slurry
	SS-22.5				0.8	
25	SS-25	SW-SM		(SW-SM) 25'-30' Light brown to brown (7.5YR6/3 to 7.5YR5/3); **Well Graded SAND with SILT**; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel.	1	
	SS-27.5				0.6	
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	SP-SM		(SP-SM) 30'-31' Brown (7.5YR4/3); **Poorly Graded SAND with SILT**; Dry; Loose; Subrounded to rounded grains; Medium grained sand.	0.3	
		SM		(SM) 31'-32' Pinkish gray (7.5YR7/2); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Coarse gravel.		
	SS-32.5	SM			0.1	
		ML		(SM) 32'-33' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Some gravel.		
35	SS-35			(ML) 33'-36' Brown (7.5YR5/3); **SILT**; Dry to moist; Loose; Fine grained sand; Trace clay. Below 35' - Trace gravel.	0.2	
	SS-37.5	ML		(ML) 36'-40' Brown (7.5YR5/3); **SILT with SAND**; Moist to wet; Soft; Fine to medium grained sand; Trace clay.	0.1	
40		ML		(ML) 40'-47' Brown (7.5YR5/4); **SILT**; Wet; Soft; No plasticity; Trace fine to medium grained sand; Trace clay.	0.1	
					0.2	Hydrated bentonite
45					0	1st Temporary well water level (42.6') #3 Sand 3rd Temporary well water level (46')
		SW		(SW) 47'-49' Dark brown (7.5YR3/2); **Well Graded SAND**; Wet; Soft; Fine to coarse grained sand; Trace silt.	0	
50	GW-50	ML		(ML) 49'-60' Brown (7.5YR5/4); **SILT**; Wet; Soft; No plasticity; Trace fine grained sand; Trace clay.	0	1st Temporary well set at 50'
					0.3	
55				Below 55' - Trace gravel.	0.3	Cement - 5% bentonite slurry
					0.3	
60		ML		(ML) 60'-65' Brown (7.5YR5/4); **SILT with GRAVEL**; Wet; Soft; Trace fine grained sand; Trace clay.	0.3	
					0.3	Hydrated bentonite

(Continued Next Page)

TETRA TECH, INC.

WELL NUMBER U4U5-18

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 65'-76' Brown (7.5YR5/4); **SILT**; Wet; Soft; No plasticity;Trace fine grained sand; Trace clay.	0.3	#3 Sand 2nd Temporary well water level (65.3')
					0.3	
70	GW-70	ML		Below 70' - Low plasticity; Trace gravel.	0.1	2nd Temporary well set at 70'
				Below 73' - Strong brown (7.5YR4/6); No gravel.	0.7	
75					0.4	Cement - 5% bentonite slurry
		CL		(CL) 76'-79' Strong brown (7.5YR4/6); **Lean CLAY**; Wet; Firm; Medium plasticity; Trace fine grained sand.	0.4	
80		ML		(ML) 79'-82' Brown (7.5YR4/3); **SANDY SILT**; Wet; Soft to firm; Fine to medium grained sand.	0.4	
		SM		(SM) 82'-84' Strong brown (7.5YR4/6); **SILTY SAND**; Wet; Loose; Subangular to subrounded grains; Fine to medium grained sand.	0.4	Hydrated bentonite
85		CL		(CL) 84'-90' Strong brown (7.5YR4/6); **Lean CLAY**; Wet; Firm; Medium plasticity; Trace fine grained sand.	0.5	#3 Sand
					1.4	3rd Temporary well set at 90'
90	GW-90				0.5	

WELL NUMBER U4U5-19

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/5/16 **COMPLETED** 7/12/16
GROUND ELEVATION 1812.62 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717698.641
LOGGED BY B. Shams/J. Berjikian **CHECKED BY** J. Walker
EASTING 828788.086
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SP-SM		(SP-SM) 1'-1.5' Light brown (7.5YR6/3); **Poorly Graded SAND with SILT**; Dry; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel.	0.8	
	SS-2.5	SP-SM		(SP-SM) 2.5'-3' Light brown (7.5YR6/3); **Poorly Graded SAND with SILT**; Dry; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel.	0.7	
5	SS-5	SP-SM		(SP-SM) 5'-5.5' Light brown (7.5YR6/3); **Poorly Graded SAND with SILT**; Dry; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel.	0.7	
	SS-7.5	SP-SM		(SP-SM) 7.5'-8' Light brown (7.5YR6/3); **Poorly Graded SAND with SILT**; Dry; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel.	0.5	
10	SS-10	SP-SM		(SP-SM) 10'-10.5' Strong brown (7.5YR4/6); **SANDY SILT**; Dry; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel.	1.4	
	SS-12.5	ML		(ML) 12'-22.5' Strong brown (7.5YR4/6); **SANDY SILT**; Dry; Loose; Fine to coarse grained sand; Trace gravel.		
15	SS-15			Below 15' - Increasing gravel content.	1.5	
	SS-17.5				1	
20	SS-20				0.6	Cement - 5% bentonite slurry
	SS-22.5	ML		(ML) 22.5'-25' Brown (7.5YR5/3); **SANDY SILT with GRAVEL**; Dry; Loose; Rounded grains; Medium to coarse grained sand.	0.5	
25	SS-25			(SM) 25'-30' Strong brown (7.5YR5/6); **SILTY SAND with GRAVEL**; Dry; Loose; Rounded grains; Medium to coarse grained sand.	0.6	
	SS-27.5	SM			0.5	
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30			(SM) 30'-35' Brown (7.5YR4/4); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Medium to coarse grained sand.	0.4	
	SS-32.5	SM			0.6	
35	SS-35	SW-SM		(SW-SM) 35'-37' Strong Brown (7.5YR5/6); **Well Graded SAND with SILT and GRAVEL**; Dry; Subangular to rounded grains; Fine to coarse grained sand.	0.1	
	SS-37.5	ML		(ML) 37'-40' Brown (7.5YR5/4); **SILT**; Moist; Firm; No plasticity.	0.2	
40		CL		(CL) 40'-42.5' Brown (7.5YR5/4); **Lean CLAY**; Moist; Firm; Medium plasticity.	0.2	1st Temporary well water level (39.8')
		SM		(SM) 42.5'-45' **SILTY SAND**; Moist; Loose; Rounded to subangular grains; Medium to coarse grained sand; Trace gravel.	0.4	Hydrated bentonite
45		ML		(ML) 45'-47' Strong brown (7.5YR4/6); **SILT**; Moist; Soft; Trace fine grained sand.	1.2	#3 Sand
		SP		(SP) 47'-47.5' Brown (7.5YR4/2); **Poorly Graded SAND**; Moist; Angular grains; Medium to coarse grained sand; Trace gravel; Trace silt.	0.9	3rd Temporary well water level (49.5')
50	GW-50	CL		(CL) 47.5'-55' Strong Brown (7.5YR5/6); **Lean CLAY**; Moist; Stiff; Low plasticity. Below 50' - Firm; Medium plasticity; Trace angular gravel; Trace angular, coarse grained sand.	1.4	2nd Temporary well water level (49.7') 1st Temporary well set at 50'
					1.2	
55		CL		(CL) 55'-60' Brown (7.5YR5/4); **Lean CLAY with SAND**; Moist; Firm; Angular grains; Fine to coarse grained sand; Medium plasticity; Trace gravel.	0.8	Cement - 5% bentonite slurry
					0.6	
60		CL		(CL) 60'-62.5' Brown (7.5YR5/4); **Lean CLAY**; Moist; Hard; Low plasticity; Few angular, fine to coarse grained sand; Trace angular gravel.	0.4	
		CL		(CL) 62.5'-65' Light brown (7.5YR6/4); **SANDY Lean CLAY**; Moist; Firm; Angular grains; Medium to coarse grained sand; No plasticity.	0.4	Hydrated bentonite

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TETRA TECH, INC.

WELL NUMBER U4U5-19

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		CL				
		CL		(CL) 65'-67.5' Light brown (7.5YR6/4); **Lean CLAY**; Moist; Soft; No plasticity; Few gravel; Few fine to coarse grained sand.	0.3	#3 Sand
		ML		(ML) 67.5'-70' Strong brown (7.5YR5/6); **SILT**; Moist; Loose; No plasticity; Trace gravel.	0.2	2nd Temporary well set at 70'
70	GW-70					
		CL		(CL) 70'-80' Brown (7.5Y5/4); **Lean CLAY**; Wet; Firm; Low plasticity; Trace angular, coarse grained sand.	0.8	
				Below 72.5' - Moist; Medium plasticity; Few coarse grained sand; Trace gravel.	1.9	
75					1.6	Cement - 5% bentonite slurry
				Below 77.5' - Stiff; No sand or gravel.	1.2	
80						
		ML		(ML) 80'-82.5' **SILT with SAND**; Moist; Firm; Angular grains; Fine to coarse grained sand; Trace gravel.	0.8	
		SM		(SM) 82.5'-85' Brown (7.5YR5/4); **SILTY SAND**; Moist; Firm; Subrounded grains; Fine to coarse grained sand; Trace gravel.	1.7	Hydrated bentonite
85						
		ML		(ML) 85'-87.5' Brown (7.5YR5/4); **SILT**; Moist; Firm; Trace clay.	0.4	#3 Sand
		ML		(ML) 87.5'-90' Brown (7.5YR5/3); **SILT with SAND**; Moist, Firm; Subangular grains; Fine to medium grained sand.	1.9	3rd Temporary well set at 90'
90	GW-90					

WELL NUMBER U4U5-20

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/2/16 **COMPLETED** 8/4/16
GROUND ELEVATION 1813.367 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717321.86
LOGGED BY B. Shams/J. Berjikian **CHECKED BY** J. Walker
EASTING 828104.023
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SW-SM		(SW-SM) 1'-1.5' Light brownish gray (10YR6/2); **Well Graded SAND with SILT**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Few gravel.	0.8	
	SS-2.5	SW-SM		(SW-SM) 2.5'-3' Light brownish gray (10YR6/2); **Well Graded SAND with SILT**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Few gravel.	1	
5	SS-5	SW-SM		(SW-SM) 5'-5.5' Light brownish gray (10YR6/2); **Well Graded SAND with SILT**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Few gravel.	0.9	
	SS-7.5	SW-SM		(SW-SM) 7.5'-8' Light brownish gray (10YR6/2); **Well Graded SAND with SILT**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Few gravel.	0.8	
10	SS-10	SW-SM		(SW-SM) 10'-10.5' Light brownish gray (10YR6/2); **Well Graded SAND with SILT**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Few gravel.	0.9	
	SS-12.5	SW-SM		(SW-SM) 12'-15' Light brown (7.5YR6/3); **Well Graded SAND with SILT**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Few gravel.		
15	SS-15	ML		(ML) 15'-17.5' **SILT with SAND**; Dry; Soft; Angular to subangular grains; Fine to coarse grained sand; Trace gravel.	0	Cement - 5% bentonite slurry
	SS-17.5	SW-SM		(SW-SM) 17.5'-25' Light brownish gray (10YR6/2); **Well Graded SAND with SILT**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Few gravel.	0.2	
20	SS-20				0.3	
	SS-22.5				0.4	
25	SS-25				0.5	
	SS-27.5	ML		(ML) 25'-32.5' **SILT with SAND**; Dry; Soft; Angular to subangular grains; Fine to coarse grained sand; Trace gravel.	0.7	
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	ML		(ML) 25'-32.5' **SILT with SAND**; Dry; Soft; Angular to subangular grains; Fine to coarse grained sand; Trace gravel. *(continued)*	0.9	
	SS-32.5	ML		(ML) 32.5'-37' Pink (7.5YR7/3); **SANDY SILT with GRAVEL**; Dry; Soft; Angular to subangular grains; Fine to coarse grained sand.	0.5	
35	SS-35	ML		Below 34' - Strong brown (7.5YR5/6). Below 35' - Wet.	0.4	Hydrated bentonite
	SS-37.5	SW		(SW) 37'-38' Brown (7.5YR5/4); **Well Graded SAND**; Wet; Loose; Angular to subangular grains; Fine to coarse grained sand.	0.5	#3 Sand
		ML		(ML) 38'-40' Brown (7.5YR5/4); **SILT With SAND**; Wet; Firm; Angular to subangular grains; Medium grained sand; Trace gravel.		3rd Temporary well water level (39.7')
40				40'-45' **No Recovery**.	0.2	1st Temporary well water level (40.3')
	GW-42.5				0.1	1st Temporary well set at 42.5'
45		ML		(ML) 45'-46.5' Brown (7.5YR5/4)**SILT**; Wet; Soft; Low plasticity; Trace subangular, fine to medium grained sand.	1.3	2nd Temporary well water level (42.9')
		ML		(ML) 46.5'-47.5' Strong brown (7.5YR5/6); **SILT with GRAVEL**; Wet; Soft; Subangular to subrounded grains; Low plasticity; Trace fine to coarse grained sand.	0.3	
				(ML) 47.5'-70' Brown (7.5YR5/4); **SILT**; Wet; Firm; Medium plasticity; Trace fine grained sand.		
50					0.7	Cement - 5% bentonite slurry
					0.7	
55		ML			1	
				Below 57' - Firm to stiff; Trace gravel.	0.5	
60				Below 60' - Strong brown (7.5YR5/6).	0.4	Hydrated bentonite
						#3 Sand
					0.3	

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TETRA TECH, INC.

WELL NUMBER U4U5-20

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65				(ML) 47.5'-70' Brown (7.5YR5/4); **SILT**; Wet; Firm; Medium plasticity; Trace fine grained sand. *(continued)*		
	GW-66.5	ML			0.2	2nd Temporary well set at 66.5'
70				(ML) 70'-75' Strong brown (7.5YR5/6); **SILT with SAND**; Wet; Firm; Subangular to subrounded grains; Medium grained sand; Low plasticity.	0.4	
		ML			0.5	Cement - 5% bentonite slurry
75				(ML) 75'-79.5' Brown (7.5YR5/4); **SILT**; Wet; Firm; Low plasticity; Trace fine grained sand.	0.5	
		ML			0.5	
80		ML		(ML) 79.5'-80' Brown (7.5YR5/4); **SILT with GRAVEL**; Wet; Firm; Low plasticity; Trace fine grained sand.	0.9	
		CL		(CL) 80'-83' Reddish yellow (7.5YR6/6); **Lean CLAY**; Moist; Very stiff; Low plasticity. Trace gravel; Trace fine grained sand.	0.2	Hydrated bentonite
		ML		(ML) 83'-84' Brown (7.5YR5/4); **SILT with SAND**; Wet; Loose; Angular to subangular grains; Low plasticity; Trace fine grained sand.		
85				(CL) 84'-90' Brown (7.5YR5/4); **Lean CLAY**; Wet; Very stiff; Low plasticity.	0.2	#3 Sand
		CL			0.7	3rd Temporary well set at 90'
90	GW-90				0.1	

TETRA TECH, INC.

WELL NUMBER U4U5-21

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/19/16 **COMPLETED** 7/26/16
GROUND ELEVATION 1805.149 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717325.665
LOGGED BY A. Weimer/J. Souza **CHECKED BY** J. Walker
EASTING 828185.454
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-1.2' **CONCRETE**.		
	SS-1.5	SM		(SM) 1.5'-2' Light brown (7.5YR6/3); **SILTY SAND with GRAVEL**; Dry; Subangular grains; Fine to coarse grained sand.	0.6	
	SS-2.5	SM		(SM) 2.5'-3' Light brown (7.5YR6/3); **SILTY SAND with GRAVEL**; Dry; Subangular grains; Fine to coarse grained sand.	0.4	
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR4/2); **SILTY SAND**; Moist to wet from hydrovac; Subrounded grains; Fine to coarse grained sand; Few gravel grains.	0.6	
	SS-7.5	SM		(SM) 7.5'-8' Brown (7.5YR4/2); **SILTY SAND**; Moist to wet from hydrovac; Subrounded grains; Fine to coarse grained sand; Few gravel grains.	0.5	
10	SS-10	SM		(SM) 10'-10.5' Brown (7.5YR4/2); **SILTY SAND**; Moist to wet from hydrovac; Subrounded grains; Fine to coarse grained sand; Few gravel grains.	1.2	
	SS-12.5	SM		(SM) 12'-25' Dark brown (7.5YR3/3); **SILTY SAND**; Dry; Loose; Angular to subrounded grains; Fine to coarse grained sand; Few gravel grains.	4.3	Cement - 5% bentonite slurry
15	SS-15			Below 15' - Strong brown (7.5YR5/6); Moist; Subangular grains.	2.2	
	SS-17.5				1.9	
20	SS-20				1.2	
	SS-22.5				1.5	
25	SS-25			(ML) 25'-34' Strong brown (7.5YR5/6); **SANDY SILT**; Moist; Soft; Fine grained sand; Low plasticity.	1.2	Hydrated bentonite
	SS-27.5	ML			1.1	#3 Sand
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30		ML		(ML) 25'-34' Strong brown (7.5YR5/6); **SANDY SILT**; Moist; Soft; Fine grained sand; Low plasticity. *(continued)* Below 30' - Wet.	0.9	1st Temporary well water level (30.4')
					0.7	2nd Temporary well water level (31.7')
	GW-34			34'-42.5' **No Recovery.**		1st Temporary well set at 34'
35						
40						Cement - 5% bentonite slurry
		ML		(ML) 42.5'-55' Brown (7.5YR5/4); **SILT**; Moist; Low plasticity; Few fine grained sand.	1.2	
45					0.4	
50					0.4	Hydrated bentonite
					0.3	#3 Sand
55		ML		(ML) 55'-58' Brown (7.5YR4/4); **SILT with SAND**; Moist; Subangular to subrounded grains; Fine to coarse grained sand; Low plasticity; Trace caliche gravel.	0.2	
	GW-58				0.1	3rd Temporary well water level (57')
		ML		(ML) 58'-61' Brown (7.5YR5/4); **SANDY SILT**; Moist; Fine grained sand; Medium plasticity; Trace subrounded caliche nodules.		2nd Temporary well set at 58'
60					0.6	
		ML		(ML) 61'-65' Brown (7.5YR5/4); **SILT**; Moist; Low plasticity; Few subrounded, fine grained sand; Caliche nodules.	0.3	

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TETRA TECH, INC.

WELL NUMBER U4U5-21

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 65'-71' Brown (7.5YR5/4); **SANDY SILT**; Moist; Subangular to subrounded grains; Fine to medium grained sand; Low plasticity.	0.1	Cement - 5% bentonite slurry
		ML			0.3	
70					0.3	
		SP		(SP) 71'-72.5' Dark brown (7.5YR3/3); **Poorly Graded SAND**; Moist; Loose; Angular to subrounded grains; Medium to coarse grained sand.		
				(ML) 72.5'-82' Brown (7.5YR5/4); **SILT**; Moist; Very stiff; Medium plasticity; Trace fine grained sand; Trace caliche nodules.	0.4	
75					0.3	Hydrated bentonite
		ML			0.1	#3 Sand
80					0.3	3rd Temporary well set at 82'
	GW-82				0.2	

WELL NUMBER U4U5-22

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/19/16 **COMPLETED** 7/25/16
GROUND ELEVATION 1804.874 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717332.541
LOGGED BY A. Weimer/J. Souza **CHECKED BY** J. Walker
EASTING 828224.79
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-1' **CONCRETE**.		
	SS-1.5	SW		(SW) 1.5'-2' Brown (7.5YR5/4); **Well Graded SAND**; Moist; Subrounded to rounded grains; Fine to coarse grained sand; Few gravel; Trace silt.	2.4	
	SS-2.5	SM			1.8	
				(SM) 2.5'-3' Brown (7.5YR5/3); **SILTY SAND**; Dry to moist; Subrounded grains; Fine to coarse grained sand; Trace gravel.		
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR5/3); **SILTY SAND**; Dry to moist; Subrounded grains; Fine to coarse grained sand; Trace gravel.	0.7	
	SS-7.5	SM		(SM) 7.5'-8' Brown (7.5YR5/3); **SILTY SAND**; Moist; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel.	1	
10	SS-10	SM		(SM) 10'-10.5' Brown (7.5YR5/3); **SILTY SAND**; Moist; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel.	1.4	
	SS-12.5			(SM) 12'-17.5' Dark brown (7.5YR3/4); **SILTY SAND**; Dry; Loose; Angular to subrounded grains; Medium to coarse grained sand; Few gravel.	1.3	Cement - 5% bentonite slurry
15	SS-15	SM			1.4	
				Below 16' - Moist; Fine to coarse grained sand; Trace gravel.		
	SS-17.5			(ML) 17.5'-32' Strong brown (7.5YR5/6); **SANDY SILT**; Moist; Soft; Subangular grains; Fine grained sand; No plasticity.	0.7	
20	SS-20				0.6	
	SS-22.5	ML		Below 22.5' - Low plasticity; Rounded to subrounded grains; Fine to coarse grained sand.	0.4	
25	SS-25				0.5	Hydrated bentonite
	SS-27.5				1.1	1st Temporary well water level (29.6')
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30		ML		(ML) 17.5'-32' Strong brown (7.5YR5/6); **SANDY SILT**; Moist; Soft; Subangular grains; Fine grained sand; No plasticity. *(continued)* Below 30' - Wet.	2.2	#3 Sand
				32'-34' **No Recovery**.		1st Temporary well set at 34'
	GW-34	ML		(ML) 34'-36' Brown (7.5YR5/6); **SANDY SILT**; Wet; Soft; Angular to subangular grains; Fine grained sand; Low plasticity; Few gravel.	1.3	
35		ML		(ML) 36'-42' Brown (7.5YR5/6); **SANDY SILT with GRAVEL**; Dry; Soft; Fine grained sand; Low plasticity; Trace clay; Caliche nodules.	1.6	3rd Temporary well water level (36')
40		ML			1.2	Cement - 5% bentonite slurry
		ML		(ML) 42'-45' Brown (7.5YR5/6); **SANDY SILT**; Dry; Soft; Fine grained sand; Low plasticity.	1.3	
45		ML		(ML) 45'-48' Brown (7.5YR5/6); **SANDY SILT with GRAVEL**; Moist; Subangular to subrounded grains; Fine to coarse grained sand; Low plasticity.	1.2	
		ML		(ML) 48'-54' Brown (7.5YR5/6); **SANDY SILT**; Dry; Fine grained sand; Low plasticity.	1.2	
50		ML			1.1	Hydrated bentonite
		ML		(ML) 54'-56.5' Strong brown (7.5YR5/6); **SANDY SILT with GRAVEL**; Dry; Fine grained sand; No plasticity.	1	2nd Temporary well water level (53.01')
55		ML			1.2	#3 Sand
		SC		(SC) 56.5'-57' Light brown (7.5YR6/4); **CLAYEY SAND**; Wet; Fine to coarse grained sand; Medium plasticity.		2nd Temporary well set at 58'
	GW-58	ML		(ML) 57'-62' Strong brown (7.5YR4/6); **SANDY SILT**; Dry; Fine grained sand; No plasticity.	0.5	
60		ML			1.1	
		SP-SM		(SP-SM) 62'-63' Dark brown (7.5YR3/3); **Poorly Graded SAND with SILT and GRAVEL**; Moist; Loose; Coarse grained sand.	2.4	
		ML		(ML) 63'-65' Dark yellowish brown (10YR4/6); **SANDY SILT**; Wet; Soft; Fine grained sand.		

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TETRA TECH, INC.

WELL NUMBER U4U5-22

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML				
		ML		(ML) 65'-68' Strong brown (7.5YR5/6); **SILT**; Dry; Low to medium plasticity; Few fine grained sand.	2	Cement - 5% bentonite slurry
		SP-SM		(SP-SM) 68'-69' Dark brown (7.5YR3/3); **Poorly Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to rounded grains; Medium to coarse grained sand.	2.1	
70				(CL) 69'-82' Strong brown (7.5YR5/6); **Lean CLAY**; Dry; Stiff; Medium plasticity; Trace fine grained sand.	2.1	
					1.1	
75		CL		Below 75' - Trace caliche nodules.	1.7	Hydrated bentonite
						#3 Sand
80				Below 80' - Soft; Low to medium plasticity; Few fine grained sand.	1.2	3rd Temporary well set at 82'
	GW-82				1.4	

TETRA TECH, INC.

WELL NUMBER U4U5-23

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/19/16 **COMPLETED** 7/21/16
GROUND ELEVATION 1804.937 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717339.9
LOGGED BY A. Weimer/J. Berjikian **CHECKED BY** J. Walker
EASTING 828264.163
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-1' **CONCRETE**.		
	SS-1	SW		(SW) 1'-1.5' Brown (7.5YR4/3); **Well Graded SAND**; Dry to moist; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel; Trace silt.	0.1	
	SS-2.5	SM		(SM) 2.5'-3' Brown (7.5YR5/3); **SILTY SAND**; Dry; Angular to subrounded grains; Fine to coarse grained sand; Few gravel.	0.1	
5	SS-5	SW		(SW) 5'-5.5' Brown (7.5YR4/2); **Well Graded SAND with GRAVEL**; Moist; Angular to subrounded grains; Fine to coarse grained sand; Trace silt.	0.6	
	SS-7.5	SW		(SW) 7.5'-8' Brown (7.5YR4/2); **Well Graded SAND**; Moist to wet from hydrovac; Subangular to subrounded grains; Fine to medium grained sand; Trace gravel; Trace silt.	1.7	
10	SS-10	SW		(SW) 10'-10.5' Brown (7.5YR4/2); **Well Graded SAND with GRAVEL**; Moist to wet from hydrovac; Subangular to subrounded grains; Fine to coarse grained sand; Trace silt.	1.1	
	SS-12.5	SM		(SM) 12'-15' Dark brown (7.5YR3/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Gypsum lense at 14' to 14.5'.	1.1	Cement - 5% bentonite slurry
15	SS-15			(SM) 15'-25' Light brown (7.5YR6/4); **SILTY SAND**; Moist; Fine to coarse grained sand; Trace gravel.	0.6	
	SS-17.5				0.6	
20	SS-20	SM			0.5	
	SS-22.5				0.4	
25	SS-25			(ML) 25'-30' Brown (7.5YR5/4); **SILT**; Moist; Firm; Medium plasticity. Below 26' - Dry; Soft; Trace rounded, fine grained sand.	2.1	Hydrated bentonite
	SS-27.5	ML		Below 28' - Wet; Firm.	1.1	#3 Sand
30						

(Continued Next Page)

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30		ML		(ML) 30'-33' Brown (7.5YR5/4); **SILT with SAND**; Wet; Fine grained sand; No plasticity; Trace angular to subangular gravel.	2.8	1st Temporary well water level (30.2')
	GW-33			33'-35' **No Recovery.**	1.5	1st Temporary well set at 33'
35		ML		(ML) 35'-37.5' Brown (7.5YR5/4); **SILT with SAND**; Wet; Fine grained sand; Medium plasticity.	0.9	
				37.5'-42.5 **No Recovery.**	1.9	
40						Cement - 5% bentonite slurry
		ML		(ML) 42.5'-47.5' Brown (7.5YR5/4); **SANDY SILT**; Subangular grains; Fine grained sand; Medium plasticity.	0.7	
45		ML			1.7	3rd Temporary well water level (44.8')
		ML		(ML) 47.5'-50' Brown (7.5YR5/4); **SILT**; Wet; Firm; Medium plasticity; Trace fine grained sand.	1	2nd Temporary well water level (49')
50		CL		(CL) 50'-52.5' Brown (7.5YR5/4); **Lean CLAY**; Wet; Stiff; Trace rounded to subangular, fine grained sand.	1.6	Hydrated bentonite
		ML		(ML) 52.5'-59' Brown (7.5YR5/4); **SILT**; Wet; Soft; Medium plasticity; Trace angular gravel; Trace angular, fine to medium grained sand.	0.6	#3 Sand
55					1.4	2nd Temporary well set at 57.5'
	GW-57.5			Below 57.5' - Moist.	1.4	
60		SM		(SM) 59'-60' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Moist; Loose; Angular to subrounded grains; Fine to coarse grained sand.		
		ML		(ML) 60'-67.5' Brown (7.5YR4/4); **SILT**; Moist; Low plasticity; Few fine grained sand.	0.8	
					0.8	

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TETRA TECH, INC.

WELL NUMBER U4U5-23

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 60'-67.5' Brown (7.5YR4/4); **SILT**; Moist; Low plasticity; Few fine grained sand. *(continued)*	1.2	Cement - 5% bentonite slurry
		SP-SM		(SP-SM) 67.5'-70' Dark brown (7.5YR3/3); **Poorly Graded SAND with SILT**; Moist; Loose; Angular to subangular grains; Medium grained sand; Few gravel.	1.5	
70		ML		(ML) 70'-82' Strong brown (7.5YR5/6); **SILT**; Moist; Stiff; Low to medium plasticity; Trace fine grained sand.	0.4	
					0.5	
75					0.4	Hydrated bentonite
					0.3	#3 Sand
80	GW-82				0.9	3rd Temporary well set at 82'

WELL NUMBER U4U5-24

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/19/16 **COMPLETED** 7/20/16
GROUND ELEVATION 1804.487 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717346.962
LOGGED BY A. Weimer/J. Berjikian **CHECKED BY** J. Walker
EASTING 828303.416
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **CONCRETE**.		
	SS-1	SP		(SP) 1'-1.5' Dark brown (7.5YR3/3); **Poorly Graded SAND**; Moist; Subrounded grains; Fine grained sand; Trace silt.	0.7	
	SS-2.5	SW		(SW) 2.5'-3' Brown (7.5YR5/3); **Well Graded SAND**; Dry; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel; Trace silt.	0.2	
5	SS-5	SW		(SW) 5'-5.5' Brown (7.5YR4/3); **Well Graded SAND**; Moist; Subrounded grains; Fine to coarse grained sand; Trace gravel; Trace silt.	3.1	
	SS-7.5	SW		(SW) 7.5-8' Brown (7.5YR4/3); **Well Graded SAND**; Moist; Subrounded grains; Fine to coarse grained sand; Few gravel; Trace silt.	2	
10				10'-10.5' **No Recovery.**		
	SS-12.5	SW-SM		(SW-SM) 12'-25' Brown (7.5YR4/4); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Rounded to angular grains; Fine to coarse grained sand.	3.2	Cement - 5% bentonite slurry
15	SS-15				2.7	
	SS-17.5				3	
20	SS-20				4.8	
	SS-22.5				2.9	
25	SS-25				5.6	
	SS-27.5	ML		(ML) 25'-40' Brown (7.5YR5/4); **SILT**; Moist; No plasticity; Trace rounded, fine grained sand.	2.3	Hydrated bentonite #3 Sand
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30			(ML) 25'-40' Brown (7.5YR5/4); **SILT**; Moist; No plasticity; Trace rounded, fine grained sand. *(continued)*	1.7	1st Temporary well water level (30.1')
					2.7	2nd Temporary well water level (31.1')
35	GW-35	ML			2.3	1st Temporary well set at 35'
					2	
40				(CL) 40'-45' Brown (7.5YR5/4); **Lean CLAY**; Moist; Low to medium plasticity; Trace fine grained sand.	1.5	
		CL			1.1	3rd Temporary well water level (41.3')
45				(ML) 45'-58.5' Brown (7.5YR4/4); **SILT**; Moist; Low plasticity; Trace coarse gravel; Trace fine grained sand.	2.1	Cement - 5% bentonite slurry
					2.7	
50					1.2	
		ML				Hydrated bentonite
					4	#3 Sand
55					2.3	
					2.9	2nd Temporary well set at 58.5'
	GW-58.5					
60		CL		(CL) 58.5'-60' Brown (7.5YR5/4); **Lean CLAY**; Moist; Low to medium plasticity; Trace coarse gravel; Trace fine grained sand.		
				(ML) 60'-66' Brown (7.5YR4/4); **SILT**; Moist; Low plasticity; Trace gravel.	1.9	
		ML			2.9	

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 60'-66' Brown (7.5YR4/4); **SILT**; Moist; Low plasticity; Trace gravel. *(continued)*	1.1	Cement - 5% bentonite slurry
		SW		(SW) 66'-67.5' Dark brown (7.5YR3/3); **Well Graded SAND**; Moist; Loose; Angular to subangular grains; Fine to coarse grained sand; Few gravel.		
		ML		(ML) 67.5'-70' Brown (7.5YR5/4); **SANDY SILT with GRAVEL**; Moist; Subangular grains; Fine to coarse grained sand; Little gravel.	2.6	
70		SW		(SW) 70'-71' Dark brown (7.5YR3/4); **Well Graded SAND**; Moist; Loose; Angular to subangular grains; Fine to coarse grained sand; Trace gravel.	1.5	
		SM		(SM) 71'-72.5' Brown (7.5YR4/4); **SILTY SAND**; Moist; Loose; Subangular to rounded grains; Fine grained sand.		
		SW		(SW) 72.5'-74' Dark brown (7.5YR3/4); **Well Graded SAND with GRAVEL**; Moist; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	2.1	
75		ML		(ML) 74'-82' Brown (7.5YR4/4); **SILT with SAND**; Moist; Fine grained sand; Low to medium plasticity; Caliche nodules.	1.5	Hydrated bentonite
					3.4	#3 Sand
80	GW-82				1.2	3rd Temporary well set at 82'
					2.6	

WELL NUMBER U4U5-25

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/11/16 **COMPLETED** 9/8/16
GROUND ELEVATION 1813.248 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717350.11
LOGGED BY J. Bunkers/J. Souza **CHECKED BY** J. Walker
EASTING 828392.819
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SM		(SM) 1'-1.5' Brown (7.5YR4/4); **SILTY SAND**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand; Few gravel.	0	
	SS-2.5	SM		(SM) 2.5'-3' Brown (7.5YR4/4); **SILTY SAND**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand; Few gravel.	0	
5	SS-5	SW		(SW) 5'-5.5' Brown (7.5YR4/3); **Well Graded SAND**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand; Few gravel.	0	
		SM		(SM) 7.5'-8' Brown (7.5YR4/4); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand.	0.6	
10		SW-SM		(SW-SM) 10'-10.5' Dark brown (7.5YR3/4); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand.	0.6	
	SS-12.5			(SP-SM) 12'-23' Dark brown (7.5YR5/4); **Poorly Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to subrounded grains; Medium grained sand.	3	
15	SS-15			Below 15' - Moist.	1.3	
	SS-17.5	SP-SM			1.1	Cement - 5% bentonite slurry mix
20	SS-20				0.8	
	SS-22.5					
				(SM) 23'-30' White (7.5YR8/1); **SILTY SAND**; Moist; Loose; Subangular to subrounded grains; Fine grained sand. Below 24' - Trace gravel.		
25	SS-25				0.4	
		SM				
	SS-27.5				0.1	
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30			(ML) 30'-35' Brown (7.5YR5/4); **SILT**; Moist; Soft; No plasticity; Trace rounded to subrounded, fine grained sand; Trace clay.	0.2	
	SS-32.5	ML			0.3	
35	SS-35			35'-40' **No Recovery.**	0.4	Hydrated bentonite
40				(ML) 40'-50' Brown (7.5YR5/4); **SILT**; Moist; Soft; No plasticity; Trace rounded to subrounded, fine grained sand; Trace clay.	0.1	1st Temporary well water level (37.8') 2nd Temporary well water level (38.3') #3 Sand
45	GW-45	ML			0.1	1st Temporary well set at 45'
					0.1	
50		SM		(SM) 50'-55' Brown (7.5YR4/4); **SILTY SAND**; Moist; Loose to medium dense; Subrounded to subangular grains; Fine to coarse grained sand; Some caliche nodules.	0.1	3rd Temporary well water level (50.4') Cement - 5% bentonite slurry mix
					0.1	
55		ML		(ML) 55'-67.5' Brown (7.5YR4/4); **SILT**; Moist; Soft; Low plasticity; Trace rounded, fine grained sand; Trace clay.	0.2	
					0.1	
60					0.1	Hydrated bentonite
					0.1	#3 Sand

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TETRA TECH, INC.

WELL NUMBER U4U5-25

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 55'-67.5' Brown (7.5YR4/4); **SILT**; Moist; Soft; Low plasticity; Trace rounded, fine grained sand; Trace clay. *(continued)*	0.3	2nd Temporary well set at 67.5'
	GW-67.5			67.5'-71' **No Recovery.**	0.2	
70					0.1	
		CL		(CL) 71'-75' Brown (7.5YR5/4); **Lean CLAY**; Moist; Firm; Medium plasticity.	0.3	
75						Cement - 5% bentonite slurry mix
		ML		(ML) 75'-84.5' Brown (7.5YR5/4); **SANDY SILT**; Moist; Soft; Rounded to subrounded grains; Fine grained sand; Trace clay.	0.3	
					0.3	
80					0.2	
					0.3	Hydrated bentonite
85		SW		(SW) 84.5'-85' Dark brown (7.5YR3/3); **Well Graded SAND**; Moist; Very loose; Subangular to angular grains; Fine to coarse grained sand.	0.6	#3 Sand
		CL		(CL) 85'-90' Brown (7.5YR4/4); **Lean CLAY**; Moist; Stiff; Low plasticity.	0.2	3rd Temporary well set at 90'
90	GW-90				0.2	

WELL NUMBER U4U5-26

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/15/16 **COMPLETED** 7/18/16
GROUND ELEVATION 1812.91 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717457.972
LOGGED BY B. Shams/J. Berjikian **CHECKED BY** J. Walker
EASTING 828820.919
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SM		(SM) 1'-1.5' Brown (7.5YR5/3); **SILTY SAND**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Trace gravel.	1.2	
	SS-2.5	SM		(SM) 2.5'-3' Brown (7.5YR5/3); **SILTY SAND**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Trace gravel.	0.9	
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR5/3); **SILTY SAND**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Trace gravel.	0.7	
	SS-7.5	SM		(SM) 7.5'-8' Brown (7.5YR5/3); **SILTY SAND**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Trace gravel.	0.5	
10	SS-10	SM		(SM) 10'-10.5' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Moist from hydrovac; Loose; Rounded to angular grains; Fine to coarse grained sand.	0.6	
	SS-12.5	ML		(ML) 12'-30' Brown (7.5YR4/4); **GRAVELLY SILT with SAND**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand.	2.4	
15	SS-15				2.5	
	SS-17.5				1.5	
20	SS-20				0.4	Cement - 5% bentonite slurry
	SS-22.5				1	
25	SS-25				0.5	
	SS-27.5				0.4	
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	ML		(ML) 30'-33.5' Brown (7.5YR5/4); **SILT with SAND**; Dry; Loose; Rounded to angular grains; Fine grained sand; Trace gravel; Trace clay.	0.4	
	SS-32.5				0.2	
35	SS-35 GW-35	CL		(CL) 33.5'-35' Brown (7.5YR5/4); **Lean CLAY**; Moist; Stiff; Low to no plasticity; Trace fine grained sand.		
		SM		(SM) 35'-37' Brown (7.5YR5/4); **SILTY SAND**; Moist; Loose; Angular to rounded grains; Fine to coarse grained sand.	0.2	
		CL		(CL) 37'-40' Brown (7.5YR5/4); **Lean CLAY**; Wet; Low to no plasticity; Trace fine grained sand.	0.2	
40		SM		(SM) 40'-46' Brown (7.5YR5/4); **SILTY SAND**; Wet; Loose; Angular grains; Fine to coarse grained sand.	0.2	1st Temporary well water level (39.2')
					0.2	3rd Temporary well water level (40.7') Hydrated bentonite
45					0.1	#3 Sand
		SP-SM		(SP-SM) 46'-48' Very dark brown (7.5YR3/4); **Poorly Graded SAND with SILT**; Wet; Loose; Angular to subangular grains; Fine grained sand.	0.2	
		CL		(CL) 48'-50' Very dark brown (7.5YR3/4); **Lean CLAY**; Moist; Very stiff; Low plasticity.		2nd Temporary well water level (48.24')
50	GW-50	SM		(SM) 50'-51' Strong brown (7.5YR4/6); **SILTY SAND**; Moist; Loose; Subangular grains; Fine to coarse grained sand.		1st Temporary well set at 50'
				(ML) 51'-70' Strong brown (7.5YR5/6); **SILT**; Moist; Medium plasticity.	0.1	
55					0.1	Cement - 5% bentonite slurry
		ML		Below 57' - Caliche nodules; Low plasticity.	0.1	
60					0.1	
					0.1	Hydrated bentonite

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TETRA TECH, INC.

WELL NUMBER U4U5-26

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 51'-70' Strong brown (7.5YR5/6); **SILT**; Moist; Medium plasticity. *(continued)* Below 65' - Trace angular, medium to coarse grained sand.	0.1 1.2	#3 Sand 2nd Temporary well set at 70'
70	GW-70	ML		(ML) 70'-75' Brown (7.5YR4/4); **SANDY SILT**; Moist; Subangular grains; Medium to coarse grained sand; Caliche nodules.	0.1 0.1	
75		ML		(ML) 75'-77.5' Brown (7.5YR4/4); **SILT with SAND**; Moist; Subangular grains; Fine to coarse grained sand; Low plasticity.	0.1	Cement - 5% bentonite slurry
		SM		(SM) 77.5'-79' Dark brown (7.5YR3/3); **SILTY SAND**; Moist; Loose; Subangular grains; Fine to coarse grained sand.	0.2	
80		ML		(ML) 79'-90' Brown (7.5YR5/4); **SILT**; Moist; Low plasticity; Trace coarse grained sand.	0.2 0.1	Hydrated bentonite
85					0.2	#3 Sand
					0.2	3rd Temporary well set at 90'
90	GW-90				0.1	

WELL NUMBER U4U5-27

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/16/16 **COMPLETED** 10/14/16
GROUND ELEVATION 1812.671 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 10"
DRILLING METHOD Sonic Drilling
NORTHING 26717261.849
LOGGED BY J. Berjikian/W. Green **CHECKED BY** J. Walker
EASTING 828065.86
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SW-SM		(SW-SM) 1'-1.5' Strong brown (7.5YR4/6); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.5	
	SS-2.5	SW-SM		(SW-SM) 2.5'-3' Strong brown (7.5YR4/6); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.4	
5	SS-5	SW-SM		(SW-SM) 5'-5.5' Strong brown (7.5YR4/6); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.9	
	SS-7.5	SW-SM		(SW-SM) 7.5'-8' Strong brown (7.5YR4/6); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	1.3	
10	SS-10	SW		(SW) 10'-10.5' Dark Brown (7.5YR3/4); **Well Graded SAND With GRAVEL**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand.	1.5	
	SS-12.5	SW-SM		(SW-SM) 12'-25' Brown (7.5YR5/4); **Well Graded SAND with SILT and GRAVEL**; Weakly cemented; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand; Low plasticity.	0	
15	SS-15				0	Cement - 5% bentonite slurry
	SS-17.5				0	
20	SS-20				0	
	SS-22.5			Below 22.5' - Strong brown (7.5YR5/6).	0	
25	SS-25				0	
	SS-27.5	ML		(ML) 25'-47.5' Brown (7.5YR5/4); **SILT**; Moist; Soft; Low plasticity; Few angular to subrounded, fine grained sand.	0	
30						

(Continued Next Page)

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	ML		(ML) 25'-47.5' Brown (7.5YR5/4); **SILT**; Moist; Soft; Low plasticity; Few angular to subrounded, fine grained sand. *(continued)*	0	
	SS-32.5				0	Hydrated bentonite
35	SS-35			Below 35' - Wet; Firm to stiff.	0	#3 Sand
					0.6	1st and 2nd Temporary well water level (37')
						1st Temporary well set at 40'
40	SS-40 GW-40			Below 40' - Very stiff.	0.3	
					0	
45					0	
		ML		(ML) 47.5'-54' Strong brown (7.5YR5/6); **SILT with GRAVEL**; Wet; Very stiff; Angular to subrounded caliche gravel; Low plasticity; Few subrounded, fine grained sand.	0	Cement - 5% bentonite slurry
50	SS-50				0	
				(ML) 54'-67' Strong brown (7.5YR5/6); **SILT**; Wet; Very stiff; Medium plasticity; Few subrounded, fine grained sand.		
55				Below 55' - Few caliche nodules.	0.2	
					0	Hydrated bentonite
		ML				
60	SS-60				0.2	#3 Sand
					0	2nd Temporary well set at 65'

(Continued Next Page)

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65	GW-65	ML		Below 64' - Hard; Low plasticity. (ML) 54'-67' Strong brown (7.5YR5/6); **SILT**; Wet; Very stiff; Medium plasticity; Few subrounded, fine grained sand. *(continued)*	0.1	3rd Temporary well water level (65.4')
		ML		(ML) 67'-68' Brown (7.5YR5/4); **SANDY SILT**; Strongly cemented; Moist; Stiff; Angular to subangular grains; Fine to coarse grained sand; Low plasticity.	1.3	
	SS-68.5	ML		(ML) 68'-69' Strong brown (7.5YR5/6); **SILT**; Wet; Hard; Low plasticity.		
70	SS-70	ML		(ML) 69'-71' Light brown (7.5YR6/3); **SILT with GRAVEL**; Strongly cemented; Moist; Dense; Angular grains; Low plasticity; Gravel is caliche; Trace fine grained sand.	0.6	
				(ML) 71'-82.5' Brown (7.5YR5/4); **SILT**; Strongly cemented; Moist; Stiff; Low plasticity; Trace subangular, fine grained sand.	3.2	Cement - 5% bentonite slurry
75		ML		Below 77' - Few caliche nodules.	1.2	
				Below 78' - No caliche.	0.5	
80	SS-80				0.4	
		CL		(CL) 82.5'-92.5' Brown (7.5YR5/4); **Lean CLAY**; Moist; Hard; Low plasticity.	0.3	Hydrated bentonite
85					0.2	#3 Sand 4th Temporary well water level (86')
					0.2	
90	SS-90 GW-90			Below 89.5' - Trace caliche nodules. Below 90' - Wet; Soft; Low to medium plasticity; No caliche.	0	3rd Temporary well set at 90'
		ML		(ML) 92.5'-94' Strong brown (7.5YR5/6); **SILT**; Wet; Firm; Low plasticity; Trace fine grained sand.	0	
95		CL		(CL) 94'-96' Stong brown (7.5YR5/6); **Lean CLAY**; Wet; Firm to stiff; Low plasticity; Caliche nodules. Below 95' - No caliche.	0	Cement - 5% bentonite slurry
		ML		(ML) 96'-107.5' Brown (7.5YR5/4); **SILT**; Wet; Stiff; Low plasticity; Trace fine grained sand.	0.3	

(Continued Next Page)

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
100	SS-100	ML		(ML) 96'-107.5' Brown (7.5YR5/4); **SILT**; Wet; Stiff; Low plasticity; Trace fine grained sand. *(continued)* Below 100' - Strong brown (7.5YR5/6).	0	
				Below 102.5' - Caliche nodules.	12.5	Hydrated bentonite
105				Below 104.5' - Brown (7.5YR5/4).	0.1	#3 Sand
		CL		(CL) 107.5'-109' Strong Brown (7.5YR5/6); **Lean CLAY**; Wet; Stiff; Low plasticity; Caliche nodules.	0	4th Temporary well set at 110'
110	SS-110 GW-110	ML		(ML) 109'-112.5' Brown (7.5YR5/4); **SILT**; Wet; Firm; Low plasticity; Few rounded to subrounded, fine grained sand. Below 110 '- Very soft.	0.1	
		ML		(ML) 112.5-115' Yellowish brown (10YR5/4); **SANDY SILT**; Wet; Soft to firm; Rounded to subrounded grains; Fine grained sand; No plasticity.	3.1	
115		ML		(ML) 115'-116' Light yellowish brown (10YR6/4); **GRAVELLY SILT**; Wet; Firm; Angular to subangular caliche gravel; Low plasticity; Few rounded to subrounded, fine to medium grained sand.	2.1	Cement - 5% bentonite slurry
		ML		(ML) 116'-126.5' Yellowish Brown (10YR5/4); **SILT**; Wet; Soft; No plasticity; Trace rounded to subrounded, fine grained sand.	2	
120	SS-120	ML			0.6	5th Temporary well water level (122')
					1.5	Hydrated bentonite
125					1	#3 Sand
		ML		(ML) 126.5'-127.5' Light yellowish brown (10YR6/4); **SILT with GRAVEL**; Wet; Firm; Angular to subangular caliche gravel; Low plasticity; Few fine grained sand.	0.1	5th Temporary well set at 130'
		ML		(ML) 127.5'-150' Yellowish brown (10YR5/4); **SILT**; Wet; Soft; No plasticity; Trace rounded to subrounded, fine grained sand.		
130	SS-130 GW-130	ML		Below 130' - Brown (7.5YR5/4); Low plasticity.	0.1	

(Continued Next Page)

TETRA TECH, INC.

WELL NUMBER U4U5-27

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
135		ML		(ML) 127.5'-150' Yellowish brown (10YR5/4); **SILT**; Wet; Soft; No plasticity; Trace rounded to subrounded, fine grained sand. *(continued)* Below 133.5' - Very soft.	3.2	
					2.2	Cement - 5% bentonite slurry
					1.5	
140	SS-140				0.6	
					0.2	Hydrated bentonite
145				Below 145' - Soft. Below 146' - Very soft.	0.4	#3 Sand
					0	6th Temporary well water level (149.1')
150	SS-150 GW-150				0	6th Temporary well set at 150'

WELL NUMBER U4U5-28

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/15/16 **COMPLETED** 9/6/16
GROUND ELEVATION 1813.409 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717262.747
LOGGED BY J. Bunkers/J. Berjikian **CHECKED BY** J. Walker
EASTING 828122.375
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SP		(SP) 1'-1.5' Brown (7.5YR5/4); **Poorly Graded SAND with GRAVEL**; Dry; Loose; Angular to subangular grains; Coarse grained sand.	0.8	
	SS-2.5	SW		(SW) 2.5'-3' Strong brown (7.5YR5/6); **Well Graded SAND with GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace silt.	0.4	
5	SS-5	SM		(SM) 5'-5.5' Strong brown (7.5YR5/6); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.	0.4	
	SS-7.5	SM		(SM) 7.5'-8' Strong brown (7.5YR5/6); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.	0.6	
10	SS-10	SM		(SM) 10'-10.5' Strong brown (7.5YR5/6); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.	0.6	
	SS-12.5	SM		(SM) 12'-15' Strong brown (7.5YR5/6); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.	2.1	
15	SS-15	SW		(SW) 15'-25' Brown (7.5YR5/3); **Well Graded SAND with GRAVEL**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace silt.	1.6	Cement - 5% bentonite slurry
	SS-17.5				0.8	
20	SS-20				0.6	
	SS-22.5				0.3	
25	SS-25			(SM) 25'-30' Brown (7.5YR4/4); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0.3	
	SS-27.5	SM		Below 27.5' - White (7.5YR8/1).	0.4	
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	ML		(ML) 30'-37.5' Brown (7.5YR5/4); **SILT**; Moist; Firm; No plasticity; Trace silt; Trace gravel.	0.3	
	SS-32.5				0	Hydrated bentonite
35	SS-35				0	#3 Sand
		SW		(SW) 37.5'-37.75 Brown (7.5YR5/4); **Well Graded SAND**; Dry; Loose; Subangular to Subrounded grains; Fine to coarse grained sand.	0	1st Temporary well water level (37.5')
		ML		(ML) 37.75'-40' Brown (7.5YR5/4); **SILT**; Moist; Firm; No plasticity.		2nd and 4th Temporary well water level (39')
40	GW-40	SM		(SM) 40'-50' Pinkish gray (7.5YR7/2); **SILTY SAND with GRAVEL**; Dry to moist; Loose; Angular to subangular grains; Fine to coarse grained sand.	0	1st Temporary well set at 40'
				Below 42' - Brown (7.5YR5/4).	0.5	Cement - 5% bentonite slurry
45					0.2	3rd Temporary well water level (42.8') Hydrated bentonite
					0.2	#3 Sand
50				50'-52.5' **No Recovery.**	0.2	2nd Temporary well set at 52.5'
	GW-52.5	ML		(ML) 52.5'-57' Brown (7.5YR5/4); **SILT**; Moist to wet; Trace fine grained sand; Trace subangular to subrounded gravel.	0.2	
55					0.2	Cement - 5% bentonite slurry
		SP-SM		(SP-SM) 57'-60' Brown (7.5YR5/4); **Poorly Graded SAND with SILT**; Moist; Medium dense; Angular to subrounded grains; Fine grained sand; Few gravel.	0.3	Hydrated bentonite
60		ML		(ML) 60'-65' Brown (7.5YR5/4); **SILT**; Moist to wet; Stiff; Few fine grained sand; Trace gravel.	0.2	#3 Sand
					0.2	3rd Temporary well set at 65'

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TETRA TECH, INC.

WELL NUMBER U4U5-28

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65	GW-65	ML				
		CL		(CL) 65'-70' Brown (7.5YR5/4); **Lean CLAY**; Moist; Stiff; Medium plasticity; Few angular to subangular gravel; Trace angular to subangular, fine grained sand.	0.5	5th Temporary well water level (65.01')
					2.1	Cement - 5% bentonite slurry
70		ML		(ML) 70'-75' **SANDY SILT**; Moist; Soft; Subangular to angular grains; Fine to coarse grained sand; Trace gravel; Trace clay.	2.2	Hydrated bentonite
					1.4	#3 Sand
75		SP-SM		(SP-SM) 75'-76' Brown (7.5YR5/4); **Poorly Graded SAND with SILT**; Moist; Loose; Subangular to subrounded grains; Fine grained sand.	0.7	4th Temporary well set at 77.5'
		ML		(ML) 76'-77.5' Brown (7.5YR5/4); **SILT**; Moist; Stiff; Medium plasticity; Trace fine to medium grained sand.		
	GW-77.5	SW		(SW) 77.5'-78' Dark brown (7.5YR3/3); **Well Graded SAND**; Wet; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel; Trace silt.		
		ML		(ML) 78'-80' Brown (7.5YR5/4); **SILT**; Moist; Stiff; Medium plasticity.		Cement - 5% bentonite slurry
80		CL		(CL) 80'-90' Brown (7.5YR5/4); **Lean CLAY**; Moist; Very stiff; Medium plasticity.	0.6	
					0.3	Hydrated bentonite
85					0.1	#3 Sand
					0	5th Temporary well set at 90'
90	GW-90				0	

WELL NUMBER U4U5-29

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/19/16 **COMPLETED** 7/28/16
GROUND ELEVATION 1805.105 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717269.636
LOGGED BY A. Weimer/J. Berjikian **CHECKED BY** J. Walker
EASTING 828194.783
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **CONCRETE**.		
	SS-1.5	SM		(SM) 1.5'-2' Light brown (7.5YR6/2); **SILTY SAND**; Dry; Fine to coarse grained sand; Trace gravel.	0.7	
	SS-2.5	SM		(SM) 2.5'-3' Light brown (7.5YR6/2); **SILTY SAND**; Dry; Fine to coarse grained sand; Trace gravel.	0.8	
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR4/3); **SILTY SAND**; Moist; Subangular to subrounded grains; Fine to coarse grained sand; Trace fine grained gravel.	0.3	
	SS-7.5	SW		(SW) 7.5'-8' Brown (7.5YR4/3); **Well Graded SAND with GRAVEL**; Moist; Subangular to subrounded grains; Fine to coarse grained sand; Fine to coarse gravel.	1.6	
10	SS-10	SW		(SW) 10'-10.5' Brown (7.5YR4/3); **Well Graded SAND with GRAVEL**; Moist; Subangular to subrounded grains; Fine to coarse grained sand; Fine to coarse gravel.	1	
	SS-12.5	SM		(SM) 12'-15' White (7.5YR8/1); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few fine to coarse caliche gravel. Below 13.5' - No caliche gravel.		Cement - 5% bentonite slurry
15	SS-15			(ML) 15'-25' Brown (7.5YR 5/4); **SILT with SAND**; Moist; Very soft; Subrounded to rounded grains; Fine grained sand.		
	SS-17.5					
20	SS-20	ML				
	SS-22.5					
25	SS-25			(ML) 25'-30' Brown (7.5YR5/4); **SILT**; Moist; Soft; Low plasticity; Trace fine grained sand.		Hydrated bentonite
		ML				#3 Sand
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30		CL		(CL) 30'-32.5' Brown (7.5YR5/4); **Lean CLAY**; Moist; Soft; Low plasticity.		1st Temporary well water level (29.3')
	GW-32.5			32.5'-42' **No Recovery.**		1st Temporary well set at 32.5'
35						
						3rd Temporary well water level (37.6')
40						Cement - 5% bentonite slurry
		ML		(ML) 42'-56' Strong Brown (7.5YR5/6); **SILT**; Moist; Soft; No plasticity. Below 43' - Few rounded, fine grained sand; Trace angular gravel.	1.8	
45					0.8	
					1.3	
50					0.6	Hydrated bentonite
					0.5	2nd Temporary well water level (51.8') #3 Sand
55					0.3	
	GW-57	ML		(ML) 56'-60' Brown (7.5YR4/4); **SANDY SILT with GRAVEL**; Moist; Soft; Angular grains; Fine to coarse grained sand.	1.9	2nd Temporary well set at 57'
60		ML		(ML) 60'-63.5' Brown (7.5YR4/4); **SILT**; Moist; Soft; No plasticity; Trace fine grained sand; Trace clay.	1	
					1.4	
		SP-		(SP-SM) 63.5'-64' Brown (7.5YR5/4); **Poorly Graded SAND with**		

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TETRA TECH, INC.

WELL NUMBER U4U5-29

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		SM		**SILT**; Moist; Loose; Angular to subangular grains; Medium grained sand; Little gravel.		
		ML		(ML) 64'-67' Brown (7.5YR5/4); **SANDY SILT with GRAVEL**; Moist; Soft; Angular grains; Fine to coarse grained sand. *(continued)*	0.2	Cement - 5% bentonite slurry
		ML		(ML) 67'-71' Brown (7.5YR5/4); **SILT**; Moist; Soft; Trace angular to subangular, fine grained sand.	0.1	
70		SM		(SM) 71'-73' Dark brown (7.5YR3/2); **SILTY SAND**; Wet; Loose; Angular to subangular grains; Fine to coarse grained sand; Trace gravel.	0.2	
75		CL		(CL) 73'-82' Brown (7.5YR5/4); **Lean CLAY**; Moist; Very stiff; No plasticity; Few fine grained sand.	0.1	Hydrated bentonite
					0.1	#3 Sand
80	GW-82				0.1	3rd Temporary well set at 82'

WELL NUMBER U4U5-30

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/20/16 **COMPLETED** 8/1/16
GROUND ELEVATION 1804.944 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717285.085
LOGGED BY A. Weimer/J. Berjikian **CHECKED BY** J. Walker
EASTING 828232.538
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.1' **CONCRETE**.		
	SS-1.5	SM		(SM) 1.5'-2' Light brown (7.5YR6/4); **SILTY SAND**; Dry; Subangular grains; Fine to coarse grained sand; Few gravel.	0	
	SS-2.5	SM		(SM) 2.5'-3' Brown (7.5YR4/3); **SILTY SAND**; Dry; Subangular grains; Fine to coarse grained sand; Few gravel.	0.1	
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR4/3); **SILTY SAND**; Dry; Subangular grains; Fine to coarse grained sand; Few gravel.	0.2	
	SS-7.5	SW		(SW) 7.5'-8' Dark brown (7.5YR3/3); **Well Graded SAND with GRAVEL**; Wet from hydrovac; Angular to subrounded grains; Fine to coarse grained sand.	0.3	
10	SS-10	SW		(SW) 10'-10.5' Dark brown (7.5YR3/3); **Well Graded SAND with GRAVEL**; Wet from hydrovac; Angular to subrounded grains; Fine to coarse grained sand.	0.8	
	SS-12.5	SW-SM		(SW-SM) 12'-17' Brown (7.5YR4/4); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Rounded to angular grains; Fine to coarse grained sand.	1.4	Cement - 5% bentonite slurry
15	SS-15			Below 15' - Brown (7.5YR5/4).	1	
	SS-17.5	ML		(ML) 17'-20' Brown (7.5YR 5/4); **SILT with SAND**; Dry; Soft; Rounded to subrounded grains; Fine grained sand; Trace rounded to subrounded gravel.	0.7	
20	SS-20			(ML) 20'-24' Brown (7.5YR 5/4); **SILT**; Dry; Soft; Few fine grained sand.	0.4	
	SS-22.5	ML			0.1	
25	SS-25	ML		(ML) 24'-25' Brown (7.5YR5/4); **SANDY SILT**; Dry; Loose; Fine to medium grained sand; Few gravel.		
	SS-27.5	ML		(ML) 25'-30' Strong brown (7.5YR5/6); **SILT**; Moist; Loose; Low plasticity; Trace rounded, fine grained sand.	0.1	Hydrated bentonite #3 Sand
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30						
		ML		(ML) 30'-36' Brown (7.5YR5/4); **SANDY SILT**; Moist; Soft; Angular to subangular grains; Fine to coarse grained sand; Few gravel.	0.1	1st Temporary well water level (29.2')
	GW-34					1st Temporary well set at 34'
35					0.5	
		ML		(ML) 36'-45' Strong brown (7.5YR5/6); **SILT with SAND**; Moist; Firm; Medium plasticity; Fine to medium grained sand; Few angular caliche gravel.	0.3	
40					0.2	
					0.2	Cement - 5% bentonite slurry
45						
		ML		(ML) 45'-53 Strong brown (7.5YR5/6); **SILT**; Moist; Firm; Medium plasticity; Trace fine to medium grained sand; Trace angular gravel.	0.2	
					0.2	3rd Temporary well water level (49')
50					0.1	Hydrated bentonite 2nd Temporary well water level (49.5')
					0.1	#3 Sand
55		ML		(ML) 53'-57' Brown (7.5YR5/4); **SANDY SILT with GRAVEL**; Moist; Firm; Fine to coarse grained sand.	0.1	2nd Temporary well set at 58'
		CL		(CL) 57'-58' Brown (7.5YR5/4); **Lean CLAY**; Moist; Stiff; Low plasticity.	0.1	
	GW-58			58'-63' **No Recovery.**		
60						
					1.5	
		ML		(ML) 63'-65' Brown (7.5YR5/4); **SILT**; Soft; Medium plasticity; Trace rounded, fine grained sand.		

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TETRA TECH, INC.

WELL NUMBER U4U5-30

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML				
		SW-SM		(SW-SM) 65'-67' Brown (7.5YR4/3); **Well Graded SAND with SILT and GRAVEL**; Wet; Loose; Angular to rounded grains; Fine to coarse grained sand.	1.2	Cement - 5% bentonite slurry
		ML		(ML) 67'-68' Reddish yellow (7.5YR6/6); **SILT**; Wet; Firm; Medium plasticity; Few fine grained sand.	2	
		ML		(ML) 68'-68.5' Brown (7.5YR5/4); **SANDY SILT**; Wet; Firm; Fine to coarse grained sand.		
70		ML		(ML) 68.5'-74' Brown (7.5YR5/4); **SILT**; Wet; Firm; Trace fine grained sand; Trace clay.	1.4	
					1.1	
		ML		(ML) 74'-74.5' Brown (7.5YR5/4); **SANDY SILT**; Fine to medium grained sand; Trace clay.		
75				(CL) 74.5'-82' Brown (7.5YR5/4); **Lean CLAY**; Moist; Very stiff; No plasticity.	1	Hydrated bentonite
		CL			0.5	#3 Sand
80					0.5	3rd Temporary well set at 82'
	GW-82					

WELL NUMBER U4U5-31

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/20/16 **COMPLETED** 9/1/16
GROUND ELEVATION 1804.824 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 10"
DRILLING METHOD Sonic Drilling
NORTHING 26717292.256
LOGGED BY A. Weimer/J. Berjikian **CHECKED BY** J. Walker
EASTING 828271.49
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.75' **CONCRETE**.		
	SS-1.5	SM		(SM) 1.5'-2' Brown (7.5YR5/3); **SILTY SAND**; Dry; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0.1	
	SS-2.5	SM		(SM) 2.5'-3' Brown (7.5YR5/3); **SILTY SAND**; Dry; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0.3	
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR4/3); **SILTY SAND**; Wet from hydrovac; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0.9	
	SS-7.5	SW		(SW) 7.5'-8' Brown (7.5YR4/2); **Well Graded SAND**; Wet from hydrovac; Angular to subangular grains; Fine to coarse grained sand; Few gravel; Trace silt.	1.1	
10	SS-10	SW		(SW) 10'-10.5' Brown (7.5YR4/2); **Well Graded SAND with GRAVEL**; Wet from hydrovac; Angular to subrounded grains; Fine to coarse grained sand; Trace silt.	0.4	Cement - 5% bentonite slurry
	SS-12.5	SM		(SM) 12'-20' Brown (7.5YR4/3); **SILTY SAND with GRAVEL**; Dry; Subangular to subrounded grains; Fine to coarse grained sand. Below 13.5' - White (7.5YR8/1). Below 14.5' - Brown (7.5YR5/4).	1.6	
15	SS-15				1.2	
	SS-17.5				1	
20	SS-20	SM		(SM) 20'-22.5' Brown (7.5YR5/3); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to medium grained sand.	0.8	
	SS-22.5	ML		(ML) 22.5'-25' Strong brown (7.5YR4/6); **SILT**; Dry; Soft; Few subrounded, fine to medium grained sand.	0.7	Hydrated bentonite
25	SS-25			Below 24.5' - Moist.		
		ML		(ML) 25'-26' Brown (7.5YR4/3); **SANDY SILT**; Dry; Subangular to subrounded grains; Fine to medium grained sand.	1	#3 Sand
		ML		(ML) 26'-31' Brown (7.5YR5/4); **SILT**; Moist; Soft; Medium plasticity. Below 27.5' - Low plasticity.	0	1st Temporary well water level (29')
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	ML		(ML) 26'-31' Brown (7.5YR5/4); **SILT**; Moist; Soft; Medium plasticity. *(continued)*	0	1st Temporary well set at 31'
	GW-31			31'-32.5' **No Recovery.**		
				(ML) 32.5'-57.5' Brown (7.5YR4/4); **SILT**; Moist; Soft to firm; Trace subangular to subrounded, fine to coarse grained sand.		
35					0.3	Cement - 5% bentonite slurry
					0.3	
40	SS-40				0.2	
					0	2nd Temporary well water level (41.3')
45		ML			0.1	
					0	
50	SS-50				0.1	Hydrated bentonite
					0.1	#3 Sand 3rd Temporary well water level (53')
55					0.2	
	GW-57.5					2nd Temporary well set at 57.5'
		CL		(CL) 57.5'-59' Brown (7.5YR5/4); **Lean CLAY**; Moist; Very stiff; Medium plasticity.	0	
		ML		(ML) 59'-60' Brown (7.5YR5/4); **SILT**; Moist; Soft; Low plasticity.		
60	SS-60					
		ML		(ML) 60'-62.5' Brown (7.5YR5/4); **SILT with GRAVEL**; Wet; Soft; Angular to subangular grains; Medium plasticity; Trace fine to coarse grained gravel.	0.3	
		ML		(ML) 62.5'-67' Brown (7.5YR5/4); **SILT**; Moist; Soft; Low plasticity.	0.1	

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		Below 64' - Wet; Medium plasticity; Few angular to subangular gravel; Trace angular to subangular, fine to coarse grained sand. (ML) 62.5'-67' Brown (7.5YR5/4); **SILT**; Moist; Soft; Low plasticity. *(continued)*	0.1	Cement - 5% bentonite slurry
		SM		(SM) 67'-67.5' Brown (7.5YR4/4); **SILTY SAND**; Moist; Subangular grains; Fine grained sand; Trace gravel.	0.5	
		ML		(ML) 67.5'-71.5' Brown (7.5YR5/4); **SILT**; Moist; Soft; Low plasticity. Below 69' - Medium plasticity.	0.4	
70	SS-70					
		SM		Below 71' - Low plasticity; Few fine to coarse grained sand; Trace gravel.		
		ML		(SM) 71.5'-72.5' Dark brown (7.5YR3/3); **SILTY SAND**; Moist; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0.3	
75		CL		(ML) 72.5'-73.5' Stong brown (7.5YR5/4); **SILT**; Moist; Soft; Medium plasticity. (CL) 73.5'-85.5' Brown (7.5YR5/4); **Lean CLAY**; Moist; Very stiff; Low plasticity.	0.1	Hydrated bentonite
					0.2	#3 Sand
80	SS-80				0	3rd Temporary well set at 82'
	GW-82			Below 82' - Firm.	2.5	
85		ML		(ML) 85.5'-87' Strong brown (7.5YR5/6); **SILT**; Moist; Soft; Low plasticity.	1.3	Cement - 5% bentonite slurry
		CL		(CL) 87'-92' Brown (7.5YR5/4); **Lean CLAY**; Moist; Very stiff; Low plasticity.	0.8	
90	SS-90				0.4	4th Temporary well water level (89')
		ML		(ML) 92'-94' Brown (7.5YR5/4); **SILT**; Moist; Stiff; Low plasticity.	0.3	
95		CL		(CL) 94'-95' Brown (7.5YR5/4); **Lean CLAY**; Moist; Stiff; Medium plasticity.	0.2	Hydrated bentonite
		ML		(ML) 95'-98' Brown (7.5YR5/4); **SILT**; Moist; Soft to stiff; Low to medium plasticity. Below 97' - Stiff; Low plasticity; Few angular to subangular gravel; Trace fine to medium grained sand.	0	5th Temporary well water level (95') #3 Sand
		CL				

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
100	SS-100	CL		(CL) 98'-105' Yellowish red (5YR56/6); **Lean CLAY**; Soft to stiff; Low to medium plasticity. *(continued)*	0	4th Temporary well set at 102'
	GW-102				0	
105		ML		(ML) 105'-110' Brown (7.5YR5/4); **SILT**; Moist; Loose; Medium plasticity; Few angular to subangular, fine to coarse grained sand; Trace gravel.	3.6	
					3.1	Cement - 5% bentonite slurry
110	SS-110	CL		(CL) 110'-115' Brown (7.5YR5/4); **Lean CLAY**; Moist; Firm; Low plasticity; Trace fine to medium grained sand.	1.6	
115		ML		(ML) 115'-117.5' Brown (7.5YR5/4); **SILT**; Moist; Soft; Medium plasticity; Few angular to subangular, fine to coarse grained sand; Trace gravel.		Hydrated bentonite
						#3 Sand
120	SS-120	CL		(CL) 117.5'-132' Brown (7.5YR5/4); **Lean CLAY**; Moist; Stiff; Low plasticity; Trace subangular, fine to medium grained sand; Trace gravel.		5th Temporary well set at 122'
	GW-122			Below 122' - Medium plasticity.		
125					0.3	
					1.2	Cement - 5% bentonite slurry
130	SS-130				0	
		ML				

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TETRA TECH, INC.

WELL NUMBER U4U5-31

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
135		ML		(ML) 132'-135' Light brown (7.5YR6/4); **SILT with GRAVEL**; Moist; Soft; Medium plasticity; Angular grains; Trace fine to coarse grained sand. *(continued)*	0	Hydrated bentonite
		CL		(CL) 135'-142' Brown (7.5YR5/4); **Lean CLAY**; Moist; Stiff; Low plasticity; Trace gravel.	0	
					0.1	6th Temporary well water level (137') #3 Sand
140	SS-140				0.2	
	GW-142				1.6	6th Temporary well set at 142'

TETRA TECH, INC.

WELL NUMBER U4U5-32

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/20/16 **COMPLETED** 8/2/16
GROUND ELEVATION 1805.078 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717298.484
LOGGED BY A. Weimer/J. Berjikian **CHECKED BY** J. Walker
EASTING 828311.377
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-1' **CONCRETE**.		
	SS-1.5	SM		(SM) 1.5'-2' Light brown (7.5YR6/4); **SILTY SAND**; Dry; Angular to subangular grains; Fine to coarse grained sand; Few gravel.	0.3	
	SS-2.5	SM		(SM) 2.5'-3' Light brown (7.5YR6/4); **SILTY SAND**; Dry; Angular to subangular grains; Fine to coarse grained sand; Few gravel.	3.4	
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR5/4); **SILTY SAND**; Dry; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel.	1.3	
	SS-7.5	SW		(SW) 7.5'-8' Brown (7.5YR4/3); **Well Graded SAND**; Moist from hydrovac; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel; Trace silt.	2.4	
10				10'-10.5' **No Recovery**.		
	SS-12.5	SW-SM		(SW-SM) 12'-15' Brown (7.5YR4/3); **Well Graded SAND with SILT**; Moist; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel. Below 14' - Gypsum layer; White (7.5YR8/1).	1.7	Cement - 5% bentonite slurry
15	SS-15	ML		(ML) 15'-18' Brown (7.5YR 5/3); **SILT with SAND**; Soft; Subangular to subrounded grains; Fine to medium grained sand; Low plasticity; Trace gravel.	1.3	
	SS-17.5	SM		(SM) 18'-21' Brown (7.5YR 5/4); **SILTY SAND**; Subrounded grains; Fine to medium grained sand; No plasticity; Trace gravel.	0.5	
20	SS-20				0.8	
	SS-22.5	ML		(ML) 21'-29' Brown (7.5YR 5/4); **SILT**; Soft; Low to no plasticity; Few subangular to subrounded, fine grained sand.	0.5	
25	SS-25				0.2	Hydrated bentonite
	SS-27.5				0.1	2nd Temporary well water level (29.2')
30		ML		(ML) 29'-31' Brown (7.5YR5/4); **SANDY SILT with GRAVEL**; Moist; Soft; Fine to coarse grained sand; Medium plasticity.		

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30		ML			0.1	#3 Sand 1st Temporary well water level (29.8')
		ML		(ML) 31'-33' Brown (7.5YR5/4); **SILT**; Moist; Soft; Medium plasticity; Few subangular, fine grained sand; Trace clay.		
	GW-33	ML		(ML) 33'-35' Brown (7.5YR5/4); **SILT with SAND**; Moist; Loose; Subangular grains; Fine to medium grained sand; Medium plasticity; Trace gravel.	0.1	1st Temporary well set at 33'
35				35'-42' **No Recovery.**	0.8	
40						Cement - 5% bentonite slurry
		ML		(ML) 42'-45' Brown (7.5YR5/4); **SILT with SAND**; Soft; Subangular grains; Fine to medium grained sand; Medium plasticity; Trace gravel.		
45				(ML) 45'-57' Brown (7.5YR5/4); **SILT**; Firm; Medium plasticity; Trace angular to subangular gravel; Trace subrounded, fine grained sand;	0.3	
					0.2	
50		ML			0.2	Hydrated bentonite
					0.2	3rd Temporary well water level (52') #3 Sand
55					0.2	2nd Temporary well set at 57.5'
	GW-57.5			(ML) 57'-67' Brown (7.5YR5/4); **SILT with GRAVEL**; Wet; Soft; Angular to subangular grains; Medium plasticity. Few fine grained sand.	0.1	
60		ML			0.8	
					0.3	

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WELL NUMBER U4U5-32

TETRA TECH, INC.

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 57'-67' Brown (7.5YR5/4); **SILT with GRAVEL**; Wet; Soft; Angular to subangular grains; Medium plasticity. Few fine grained sand. *(continued)*	0.3	Cement - 5% bentonite slurry
		SW-SM		(SW-SM) 67'-70' Brown (7.5YR4/4); **Well Graded SAND with SILT**; Wet; Loose; Angular to subangular grains; Fine to coarse grained sand; Trace gravel.	0.1	
70		ML		(ML) 70'-72' Brown (7.5YR5/4); **SILT with SAND**; Firm; Angular to subangular grains; Fine to coarse grained sand; Medium plasticity.	0	
		SW-SM		(SW-SM) 72'-73.5' Brown (7.5YR4/4); **Well Graded SAND with SILT**; Wet; Loose; Angular to subangular grains; Fine to coarse grained sand; Trace gravel.	0.2	
		ML		(ML) 73.5'-74' Brown (7.5YR5/4); **SANDY SILT with GRAVEL**; Wet; Angular to subangular grains; Fine to coarse grained sand; Low plasticity.		Hydrated bentonite
75		SW-SM		(SW-SM) 74'-75' Brown (7.5YR4/4); **Well Graded SAND with SILT**; Wet; Loose; Angular to subangular grains; Fine to coarse grained sand; Trace gravel.	0.1	
		CL		(CL) 75'-82' Brown (7.5YR5/4); **Lean CLAY**; Moist; Very stiff; Low plasticity; Trace subangular to subrounded, fine grained sand.	0	#3 Sand
80					0.2	3rd Temporary well set at 82'
	GW-82					

WELL NUMBER U4U5-33

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/17/16 **COMPLETED** 9/9/16
GROUND ELEVATION 1813.417 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717311.3
LOGGED BY J. Bunkers/J. Berjikian **CHECKED BY** J. Walker
EASTING 828381.653
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SW		(SW) 1'-1.5' Gray (7.5YR6/1); **Well Graded SAND with GRAVEL**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand.	0.1	
	SS-2.5	SW-SM		(SW-SM) 2.5'-3' Strong brown (7.5YR5/6); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand.	0	
5	SS-5	SW-SM		(SW-SM) 5'-5.5' Strong brown (7.5YR5/6); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand.	0.5	
	SS-7.5	SW-SM		(SW-SM) 7.5'-8' Strong brown (7.5YR5/6); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand.	0.9	
10	SS-10	SW-SM		(SW-SM) 10'-10.5' Strong brown (7.5YR5/6); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand.	0.6	
	SS-12.5	SW-SM		(SW-SM) 12'-15' Strong brown (7.5YR5/6); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand.	1.5	
15	SS-15			(SM) 15'-30' **SILTY SAND**; Dry; Loose; Angular to subrounded grains; Fine to coarse grained sand; Few gravel grains.	0.8	Cement - 5% bentonite slurry
	SS-17.5				0.7	
20	SS-20				0.5	
	SS-22.5	SM			0.4	
25	SS-25			Below 25' - Moist; Subrounded grains; Fine to medium grained sand; Trace gravel.	0.1	
	SS-27.5				0.1	
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30			(ML) 30'-40' Brown (7.5YR5/4); **SILT**; Moist; Stiff; Trace subangular to subrounded, fine to medium grained sand.	0	
	SS-32.5				0	Hydrated bentonite
35	SS-35	ML			0	#3 Sand
					0.1	2nd Temporary well water level (37.5')
						1st Temporary well water level (37.9')
40	GW-40				0.1	Cement - 5% bentonite slurry
		ML		(ML) 40'-45' Brown (7.5YR7/3); **SILT with SAND**; Moist; Soft; Angular to subangular grains; Fine to coarse grained sand; Medium plasticity; Trace gravel.	1.2	3rd Temporary well water level (38')
45						Hydrated bentonite
		ML		(ML) 45'-50' Brown (7.5YR5/4); **SILT with SAND**; Moist; Soft; Subangular to angular grains; Fine grained sand; Medium plasticity; Trace gravel.	0.9	4th Temporary well water level (38.7')
					1.2	1st Temporary well set at 40'
50						#3 Sand
	GW-52.5			(ML) 50'-60' Brown (7.5YR(5/4); **SILT**; Moist; Stiff; Medium plasticity; Trace gravel; Trace fine grained sand.	0.3	2nd Temporary well set at 52.5'
55		ML			0.5	Cement - 5% bentonite slurry
					0.2	Hydrated bentonite
60						
		ML		(ML) 60'-62.5' Brown (7.5YR5/4); **SILT with SAND**; Moist; Firm; Fine to coarse grained sand; Medium plasticity; Trace gravel.	0.3	#3 Sand
		ML		(ML) 62.5'-70' Brown (7.5YR5/4); **SILT**; Moist; Firm; Medium plasticity; Trace fine to coarse grained sand; Trace gravel.	0.1	5th Temporary well water level (63.9')

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WELL NUMBER U4U5-33

TETRA TECH, INC.

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65	GW-65	ML		(ML) 62.5'-70' Brown (7.5YR5/4); **SILT**; Moist; Firm; Medium plasticity; Trace fine to coarse grained sand; Trace gravel. *(continued)*	0.1 1	3rd Temporary well set at 65' Cement - 5% bentonite slurry
70		ML		(ML) 70'-75' Brown (7.5YR5/4); **GRAVELLY SILT with SAND**; Moist; Firm; Angular to subangular grains; Fine to coarse grained sand; Trace clay.	0.9 0.8	Hydrated bentonite #3 Sand
75		ML		(ML) 75'-77.5' Brown (7.5YR5/4); **SILT**; Moist; Firm; Medium plasticity.	0.5	4th Temporary well set at 77.5'
	GW-77.5	ML		(ML) 77.5'-79' Brown (7.5YR5/4); **SILT with SAND**; Moist; Soft; Angular to subangular grains; Fine to coarse grained sand; Medium plasticity.	0.3	
80		ML		(ML) 79'-80' Brown (7.5YR5/3); **SANDY SILT**; Moist; Soft; Angular to subangular grains; Fine to coarse grained sand; Trace gravel.		Cement - 5% bentonite slurry
		CL		(CL) 80'-90' Brown (7.5YR5/4); **Lean CLAY**; Moist; Very stiff; Low plasticity; Trace subangular to subrounded, fine to medium grained sand.	0.1 0.2	Hydrated bentonite
85					0.1	#3 Sand
					0.9	5th Temporary well set at 90'
90	GW-90				0.3	

WELL NUMBER U4U5-34

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/11/16 **COMPLETED** 10/4/16
GROUND ELEVATION 1812.373 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 10"
DRILLING METHOD Sonic Drilling
NORTHING 26717316.556
LOGGED BY J. Bunkers **CHECKED BY** J. Walker
EASTING 828433.825
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-2' **ASPHALT**.		
	SS-2.5	SW		(SW) 2.5'-3' Light gray (7.5YR7/1); **Well Graded SAND with GRAVEL**; Dry; Very loose; Fine to coarse grained sand.	0	
5	SS-5	SW		(SW) 5'-5.5' Brown (7.5YR5/4); **Well Graded SAND with GRAVEL**; Dry; Very loose; Fine to coarse grained sand.	0	
	SS-7.5	SW		(SW) 7.5'-8' Brown (7.5YR5/4); **Well Graded SAND with GRAVEL**; Dry; Very loose; Fine to coarse grained sand.	0	
10		SW		(SW) 10'-10.5' Brown (7.5YR5/4); **Well Graded SAND with GRAVEL**; Dry; Very loose; Fine to coarse grained sand.	0.4	
	SS-12.5	SW-SM		(SW-SM) 12'-23.5' Brown (7.5YR4/4); **Well Graded SAND with SILT and GRAVEL**; Dry; Very loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.6	Cement - 5% bentonite slurry
15	SS-15				1.2	
	SS-17.5				1.4	
20	SS-20				1.8	
	SS-22.5				3.2	
25	SS-25	SM		(SM) 23.5'-26.5' Strong Brown (7.5YR4/6); **SILTY SAND**; Dry; Loose; Fine to coarse grained sand; Few gravel.	0.8	
	SS-27.5	ML		(ML) 26.5'-35' Brown (7.5YR5/4); **SANDY SILT**; Moist; Very soft; Subangular to subrounded grains; Fine to coarse grained sand; No plasticity.	0	
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30			(ML) 26.5'-35' Brown (7.5YR5/4); **SANDY SILT**; Moist; Very soft; Subangular to subrounded grains; Fine to coarse grained sand; No plasticity. *(continued)*	0.4	
	SS-32.5	ML			0.5	1st Temporary well water level (35.6')
35	SS-35	SW-SM		(SW-SM) 35'-37.5' Brown (7.5YR4/4); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Angular to subrounded grains; Fine to coarse grained sand.	0.4	
	SS-37.5			(ML) 37.5'-58.5' Strong brown (7.5YR4/6); **SILT with SAND**; Wet; Soft; Fine to medium grained sand; Low plasticity.	0.5	Hydrated bentonite
40	SS-40				0.3	2nd Temporary well water level (41.3') #3 Sand
					0	
45	GW-45				0	1st Temporary well set at 45'
		ML		Below 48.5'- Caliche nodules.	1.1	
50	SS-50				0.9	
					0.4	Cement - 5% bentonite slurry
55					0.1	
					0.1	
60	SS-60	SP-SM		(SP-SM) 58.5'-60.5' Brown (7.5YR5/4); **SILTY SAND**; Wet; Loose; Angular to subrounded grains; Fine to coarse grained sand.	0	Hydrated bentonite
		ML		(ML) 60.5'-66' Brown (7.5YR4/4); **SANDY SILT**; Wet; Soft; Angular to subangular grains; Fine to medium grained sand; Low plasticity.	0.2	#3 Sand 3rd Temporary well water

(Continued Next Page)

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 60.5'-66' Brown (7.5YR4/4); **SANDY SILT**; Wet; Soft; Angular to subangular grains; Fine to medium grained sand; Low plasticity. *(continued)*	0.2	level (63') 2nd Temporary well set at 67.5'
	SS-66.5	SM		(SM) 66'-66.5' Dark brown (7.5YR3/3); **SILTY SAND**; Wet; Loose; Angular to subrounded grains; Coarse grained sand.		
	GW-67.5	ML		(ML) 66.5'-72' Brown (7.5YR4/4); **SILT**; Moist; Soft; Low plasticity; Few fine grained sand.	0.1	
70	SS-70				1.3	
				(ML) 72'-78' Brown (7.5YR5/4); **SILT with SAND**; Wet; Firm; Subangular grains; Fine to medium grained sand; Low plasticity.	2.3	
75		ML			2.2	Cement - 5% bentonite slurry
					0.4	
		ML		(ML) 78'-80' Brown (7.5YR5/4); **SILT**; Moist; Firm; Medium plasticity; Trace fine grained sand.		
80	SS-80				0.7	
	SS-81.5	SP-SM		(SP-SM) 80'-82' Dark brown (7.5YR3/4); **Poorly Graded SAND with SILT**; Wet; Loose; Angular to subangular grains; Fine to medium grained sand.		
				(CL) 82'-100' Strong brown (7.5YR4/6); **Lean CLAY**; Wet; Stiff to very stiff; Medium plasticity.	0.7	Hydrated bentonite
85					0.6	#3 Sand
					0.3	3rd Temporary well set at 90'
90	SS-90 GW-90	CL			0.3	
					1.3	
95				Below 94' - Strongly cemented caliche nodules.	1	Cement - 5% bentonite slurry
				Below 96' - No caliche.		
				Below 98' - Yellowish brown (10YR5/4).	0.5	

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
100	SS-100	CL		(CL) 82'-100' Strong brown (7.5YR4/6); **Lean CLAY**; Wet; Stiff to very stiff; Medium plasticity. *(continued)*		
		ML		(ML) 100'-104' Brown (7.5YR4/4); **SILT**; Wet; Stiff; Low Plasticity.	0.6	
					0.4	Hydrated bentonite
105		CL		(CL) 104'-122.5' Brown (7.5YR4/4); **Lean CLAY**; Wet; Very stiff; Medium plasticity; Strongly cemented caliche nodules.	0.7	#3 Sand 4th Temporary well water level (105.6')
				Below 106' - No caliche.	0.5	
110	SS-110 GW-110			Below 110' - Moist; Stiff.	0.6	4th Temporary well set at 110'
					1.1	
115				Below 115' - Pale brown (10YR6/3); Weakly to moderately cemented caliche nodules.	0.4	Cement - 5% bentonite slurry
				Below 116.5' - Brown (7.5YR5/4); Medium plasticity.	0.6	
120	SS-120					
		ML		(ML) 122.5'-130' Strong brown (7.5YR4/6); **SILT**; Wet; Stiff; Low plasticity.	0.9	Hydrated bentonite
125					0.4	#3 Sand
					0.4	5th Temporary well water level (127') 5th Temporary well set at 130'
130	SS-130 GW-130	CL		(CL) 130'-146' Brown (7.5YR5/4); **Lean CLAY**; Moist; Firm; Medium plasticity.	0.4	

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TETRA TECH, INC.

WELL NUMBER U4U5-34

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
				(CL) 130'-146' Brown (7.5YR5/4); **Lean CLAY**; Moist; Firm; Medium plasticity. *(continued)*	0	
				Below 134' - Low plasticity.		
135					0	Cement - 5% bentonite slurry
					0	
140	SS-140	CL		Below 140' - Brown (7.5YR4/4); Wet.	0	
					0	Hydrated bentonite
145				Below 144' - Strongly cemented coarse caliche gravel.	0	#3 Sand
				(ML) 146'-150' Brown (7.5YR5/4); **SILT**; Wet; Medium soft to firm; Low plasticity.		6th Temporary well water level (148.6')
		ML			0	
150	SS-150 GW-150				0	6th Temporary well set at 150'

TETRA TECH, INC.

WELL NUMBER U4U5-35

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/15/16 **COMPLETED** 7/29/16
GROUND ELEVATION 1813.258 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717395.139
LOGGED BY B. Shams/J. Thacker **CHECKED BY** J. Walker
EASTING 828797.683
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **CONCRETE**.		
	SS-1	SM		(SM) 1'-1.5' Light brown (7.5YR6/3); **SILTY SAND**; Moist from hydrovac; Loose; Angular to rounded grains; Fine to coarse grained sand; Trace gravel.	0.5	
	SS-2.5	SM		(SM) 2.5'-3' Light brown (7.5YR6/3); **SILTY SAND**; Moist from hydrovac; Loose; Angular to rounded grains; Fine to coarse grained sand; Trace gravel.	0.6	
5	SS-5	SM		(SM) 5'-5.5' Light brown (7.5YR6/3); **SILTY SAND**; Moist from hydrovac; Loose; Angular to rounded grains; Fine to coarse grained sand; Trace gravel.	1	
	SS-7.5	SM		(SM) 7.5'-8' Light brown (7.5YR6/3); **SILTY SAND**; Moist from hydrovac; Loose; Angular to rounded grains; Fine to coarse grained sand; Trace gravel.	0.8	
10				10-10.5' **No Recovery**.		
	SS-12.5	SM		(SM) 12'-15' Brown (7.5YR4/4); **SILTY SAND**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand; Trace gravel.	0.2	
15	SS-15			(SM) 15'-22.5' Strong brown (7.5YR5/6); **SILTY SAND with GRAVEL**; Dry; Loose; Subrounded to angular grains; Fine to coarse grained sand; Caliche nodules.	0.9	
	SS-17.5	SM			1.9	Cement - 5% bentonite slurry
20	SS-20				1.4	
	SS-22.5			(SW-SM) 22.5'-27.5' Dark brown (7.5YR3/4); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Angular grains; Fine to coarse grained sand.	0.9	
25	SS-25	SW-SM			0.7	
	SS-27.5					
		SM		(SM) 27.5'-29' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subrounded to angular grains; Fine to coarse grained sand; Gravel composed of gypsum and basaltic pebbles.	1.1	
30		SM		(SM) 29'-30' Brown (7.5YR4/4); **SILTY SAND**; Dry; Loose; Angular		

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30			to subangular grains; Fine to coarse grained sand; Caliche nodules. / 30'-32' **No Recovery.**	1.1	
	SS-32.5			(SM) 32'-42.5' Brown (7.5YR4/4); **SILTY SAND**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand; Caliche nodules.	1.3	
35	SS-35				0.4	
		SM		Below 36' - Strong brown (7.5YR5/6); Moist; Trace low plasticity clay.		
	SS-37.5				0.3	Hydrated bentonite
40	SS-40			Below 40' - Dark brown (7.5YR3/3); Wet; Angular to subrounded grains; Coarse grained sand; Trace gravel.	0.2	1st Temporary well water level (38.65') 2nd Temporary well water level (39.2') #3 Sand
		ML		(ML) 42.5'-45' Light brown (7.5YR6/4); **SANDY SILT**; Moist; Subangular grains; Fine to medium grained sand; Low plasticity; Caliche nodules.	1.6	3rd Temporary well water level (43.6')
45	GW-45					
		SM		(SM) 45'-47' Dark brown (7.5YR3/3); **SILTY SAND**; Moist; Loose; Angular to subangular grains; Medium to coarse grained sand; Trace gravel.	0.7	1st Temporary well set at 45'
		ML		(ML) 47'-50' **SANDY SILT**; Moist; Fine to medium grained sand; Low plasticity; Trace clay.	0.6	
50						
		SM		(SM) 50'-52.5' Strong brown (7.5YR5/6); **SILTY SAND with GRAVEL**; Wet; Angular to subrounded grains; Fine to medium grained sand; Trace clay.	0.5	
				(ML) 52.5'-70' Strong brown (7.5YR5/6); **SILT with SAND**; Moist; Subrounded grains; Fine grained sand; Low plasticity; Caliche nodules.	0.4	Cement - 5% bentonite slurry
55					0.6	
		ML			0.7	
60					0.5	
					0.1	Hydrated bentonite

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TETRA TECH, INC.

WELL NUMBER U4U5-35

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 52.5'-70' Strong brown (7.5YR5/6); **SILT with SAND**; Moist; Subrounded grains; Fine grained sand; Low plasticity; Caliche nodules. *(continued)*	0.1 0.1	#3 Sand 2nd Temporary well set at 70'
70	GW-70	SM		(SM) 70'-71.5' Dark brown (7.5YR3/3); **SILTY SAND with GRAVEL**; Moist; Subangular to rounded grains; Fine to coarse grained sand.	0.1	
75		CL		(CL) 71.5'-80' Brown (7.5YR5/4); **Lean CLAY with SAND**; Moist; Stiff; Fine to medium grained sand; Low plasticity; Some caliche nodules.	1.3 0.8 0.7	Cement - 5% bentonite slurry
80		CL		(CL) 80'-85' Brown (7.5YR5/4); **Lean CLAY**; Moist; Stiff; Low plasticity; Few fine grained sand. Below 82.5' - Soft; Some caliche nodules.	1 0.2	Hydrated bentonite
85		CL		(CL) 85'-90' Brown (7.5YR5/4); **Lean CLAY with SAND**; Moist; Stiff; Fine grained sand; Low to medium plasticity; Some caliche nodules.	0.2 0.5 0.5	#3 Sand 3rd Temporary well set at 90'
90	GW-90					

WELL NUMBER U4U5-36

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/16/16 **COMPLETED** 9/15/16
GROUND ELEVATION 1813.017 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717216.509
LOGGED BY J. Bunkers/J. Berjikian **CHECKED BY** J. Walker
EASTING 828073.513
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	GP		(GP) 1'-1.5' Strong brown (7.5YR4/6); **Poorly Graded GRAVEL with SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.9	
	SS-2.5	SW		(SW) 2.5'-3' Strong brown (7.5YR5/6); **Well Graded SAND with GRAVEL**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand.	0.4	
5	SS-5	SW		(SW) 5'-5.5' Strong brown (7.5YR5/6); **Well Graded SAND with GRAVEL**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand.	0.4	
	SS-7.5	SW		(SW) 7.5'-8' Strong brown (7.5YR4/6); **Well Graded SAND with GRAVEL**; Dry; Loose; Subangular to rounded grains; Medium to coarse grained sand; Trace silt.	0.6	
10	SS-10	SW		(SW) 10'-10.5' Brown (7.5YR4/3); **Well Graded SAND with GRAVEL**; Moist; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace silt.	0.3	
	SS-12.5	SW		(SW) 12'-15' Brown (7.5YR4/3); **Well Graded SAND with GRAVEL**; Moist; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace silt.	0.2	
15	SS-15			(SM) 15'-25' Brown (7.5YR5/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	0	Cement - 5% bentonite slurry
	SS-17.5				0.1	
20	SS-20	SM			0.1	
	SS-22.5			Below 21' - Fine grained sand.	0.2	
25	SS-25			(ML) 25'-30' Brown (7.5YR5/4); **SANDY SILT**; Dry; Soft; Subangular to subrounded grains; Fine grained sand; Trace gravel.	0.3	
	SS-27.5	ML			0.3	
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30			(ML) 30'-40' Strong brown (7.5YR5/6); **SILT**; Moist; Soft; Medium plasticity; Few subrounded, fine grained sand.	0.2	
	SS-32.5				0.5	Hydrated bentonite
35	SS-35	ML		Below 34' - Brown (7.5YR5/4); Wet; Trace caliche gravel.	1.2	#3 Sand
					0.1	2nd Temporary well water level (37')
40	GW-40			40'-47.5' **No Recovery.**	0.1	1st Temporary well water level (37.1')
						1st Temporary well set at 40'
45						
				(ML) 47.5'-58' Strong brown (7.5YR5/6); **SILT**; Moist; Soft; Medium plasticity; Trace subangular to subrounded gravel; Trace subrounded, fine to medium grained sand.		Cement - 5% bentonite slurry
50					0.4	
		ML		Below 52' - Caliche nodules. Below 52.5' - No caliche.	0.1	
55				Below 54.5' - Caliche nodules. Below 55' - Brown (7.5YR5/4); Low plasticity; No caliche.	0.1	
					1.1	Hydrated bentonite
60		ML		(ML) 58'-61' Light brown (7.5YR6/4); **SANDY SILT with GRAVEL**; Dry; Loose; Subangular to angular grains; Fine to coarse grained sand.	0.5	#3 Sand
		ML		(ML) 61'-63' Brown (7.5YR5/4); **SILT with SAND**; Moist; Soft; Subangular to subrounded grains; Fine to coarse grained sand; Low to medium plasticity.	0	2nd Temporary well set at 65'
		ML				

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WELL NUMBER U4U5-36

TETRA TECH, INC.

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65	GW-65	ML		(ML) 63'-71' Brown (7.5YR5/4); **SILT**; Moist; Soft to stiff; Trace Fine to medium grained sand; Trace subangular to subrounded caliche gravel. *(continued)* Below 65' - Soft.	0 0 0	3rd Temporary well water level (69.8')
70		ML		(ML) 71'-75' Brown (7.5YR5/4); **SILT with SAND**; Moist; Stiff; Fine to medium grained sand; Low plasticity.	0	Cement - 5% bentonite slurry
75		ML		(ML) 75'-77' Brown (7.5YR5/4); **SILT**; Moist; Firm; Medium plasticity; Trace subrounded, fine grained sand.	0	
		SM		(SM) 77'-78' Brown (7.5YR5/4); **SILTY SAND**; Moist; Soft; Subangular to subrounded grains; Fine to medium grained sand.	0	
		SW		(SW) 78'-78.5' Dark brown (7.5YR3/2); **Well Graded SAND**; Moist; Loose; Subangular to angular grains; Fine to coarse grained sand.		
80		SM		(SM) 78.5'-80' Brown (7.5YR5/4); **SILTY SAND**; Moist; Loose; Subangular to subrounded grains; Fine to medium grained sand.	0.1	
		CL		(CL) 80'-90' Brown (7.5YR5/4); **Lean CLAY**; Moist; Stiff; Low to medium plasticity.	0	Hydrated bentonite
85				Below 85' - Firm.	0	#3 Sand
					0	3rd Temporary well set at 90'
90	GW-90				0	

WELL NUMBER U4U5-37

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/2/16 **COMPLETED** 8/10/16
GROUND ELEVATION 1814.371 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717226.219
LOGGED BY B. Shams/J. Berjikian **CHECKED BY** J. Walker
EASTING 828133.389
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SW-SM		(SW-SM) 1'-1.5' Light brownish gray (10YR6/2); **Well Graded SAND with SILT**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Trace gravel.	1.1	
	SS-2.5	SW-SM		(SW-SM) 2.5'-3' Light brownish gray (10YR6/2); **Well Graded SAND with SILT**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Trace gravel.	1	
5	SS-5	SW-SM		(SW-SM) 5'-5.5' Light brownish gray (10YR6/2); **Well Graded SAND with SILT**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Trace gravel.	0.9	
	SS-7.5	SW-SM		(SW-SM) 7.5'-8' Light brownish gray (10YR6/2); **Well Graded SAND with SILT**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Trace gravel.	0.9	
10	SS-10	SW-SM		(SW-SM) 10'-10.5' Light brownish gray (10YR6/2); **Well Graded SAND with SILT**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Trace gravel.	0.8	
	SS-12.5	SW-SM		(SW-SM) 12'-22' Light brownish gray (10YR6/2); **Well Graded SAND with SILT**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Trace gravel.	0.3	Cement - 5% bentonite slurry
15	SS-15				0	
	SS-17.5					
20	SS-20				0.2	
	SS-22.5	SM		(SM) 22'-37.5' Pinkish gray (7.5YR6/2); **SILTY SAND with GRAVEL**; Dry; Loose; Angular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0	
25	SS-25				0.1	
	SS-27.5				0.4	
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	SM		(SM) 22'-37.5' Pinkish gray (7.5YR6/2); **SILTY SAND with GRAVEL**; Dry; Loose; Angular to subrounded grains; Fine to coarse grained sand; Trace gravel. *(continued)* Below 32' - Yellowish brown (7.5YR5/4). Below 33' - Dark yellowish brown (10YR4/4).	0.4 1.3 0.5	Hydrated bentonite
35	SS-32.5 SS-35					
40	SS-37.5	ML		(ML) 37.5'-49' Dark yellowish brown (10YR4/6); **SILT**; Wet; Firm; Medium plasticity; Few fine grained sand.	0.1 0 1.1 0.1 0.6	#3 Sand 1st Temporary well water level (38.35') 2nd Temporary well water level (38.5') 3rd Temporary well water level (40.2') 1st Temporary well set at 42.5'
45	GW-42.5					
50		ML		(ML) 49'-55' Brown (7.5YR5/4); **SILT with GRAVEL**; Moist; Angular to subangular grains; Medium plasticity; Few fine to medium grained sand.	0.3 0	Cement - 5% bentonite slurry
55		CL		(CL) 55'-59' Dark yellowish brown (10YR4/4); **Lean CLAY with SAND**; Moist; Angular to subangular grains; Fine to medium grained sand; Trace gravel.	0 0	Hydrated bentonite
60		ML		(ML) 59'-68' **SILT with SAND**; Moist; Medium plasticity; Fine grained sand; Trace gravel.	0 0	#3 Sand 2nd Temporary well set at 66'

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TETRA TECH, INC.

WELL NUMBER U4U5-37

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65				(ML) 59'-68' **SILT with SAND**; Moist; Medium plasticity; Fine grained sand; Trace gravel. *(continued)*	0	
	GW-66	ML				
					0	
		CL		(CL) 68'-72' Brown (7.5YR5/4); **Lean CLAY**; Moist; Low plasticity; Trace subangular, fine grained sand.		
70					0.1	
		ML		(ML) 72'-76.5' Light brown (7.5YR6/4); **SILT with SAND**; Moist; Medium plasticity; Few fine to medium grained sand; Trace angular to subangular gravel.	0.3	Cement - 5% bentonite slurry
75				Below 75' - Brown (7.5YR4/4); Medium plasticity.	0.2	
		SM		(SM) 76.5'-77' Brown (7.5YR4/4); **SILTY SAND**; Wet; Angular to subangular grains; Fine to coarse grained sand; Trace gravel.		
		ML		(ML) 77'-80' Light brown (7.5YR6/4); **SILT with SAND**; Moist; Medium plasticity; Few fine to medium grained sand; Trace angular to subangular gravel.	0.2	
80					0.3	
		CL		(CL) 80'-90' Brown (7.5YR5/4); **Lean CLAY**; Wet; Very stiff; Medium plasticity.	0.7	Hydrated bentonite
85				Below 85' - Soft.	0.5	#3 Sand
				Below 87' - Very stiff.	0.2	3rd Temporary well set at 90'
90	GW-90				0.1	

WELL NUMBER U4U5-38

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/5/16 **COMPLETED** 8/8/16
GROUND ELEVATION 1804.98 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717236.41
LOGGED BY B. Shams/J. Berjikian **CHECKED BY** J. Walker
EASTING 828199.903
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.75' **CONCRETE**.		
	SS-1	SP-SM		(SP-SM) 1'-1.5' Dark brown (7.5YR3/3); **Poorly Graded SAND with SILT**; Moist from hydrovac; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel.	0.9	
	SS-2.5	SP-SM		(SP-SM) 2.5'-3' Brown (7.5YR4/3); **Poorly Graded SAND with SILT**; Subangular to subrounded grains; Fine to medium grained sand; Trace gravel.	1	
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR4/3); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel.	0.8	
	SS-7.5	SM		(SM) 7.5'-8' Brown (7.5YR4/3); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel.	0.9	
10		SM		(SM) 10'-10.5' Brown (7.5YR4/3); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel.		
	SS-12.5			(SM) 12'-25' Brown (7.5YR4/3); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel.	2.3	Cement - 5% bentonite slurry
15	SS-15			Below 15' - Pinkish Gray (7.5YR7/2).	0.4	
	SS-17.5	SM		Below 18' - Light brown (7.5YR6/4).	1.8	
20	SS-20			Below 20' - Brown (7.5YR5/4).	0.2	
	SS-22.5				0	
25	SS-25			(ML) 25'-40' Strong brown (7.5YR5/6); **SILT**; Moist; Soft; Trace subangular, fine grained sand.	0.5	Hydrated bentonite
	SS-27.5	ML			0.2	1st Temporary well water level (29.01')
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30				(ML) 25'-40' Strong brown (7.5YR5/6); **SILT**; Moist; Soft; Trace subangular, fine grained sand. *(continued)*	0	#3 Sand 3rd Temporary well water level (29.3')
					0	2nd Temporary well water level (30.1')
	GW-34					
35		ML			0.3	1st Temporary well set at 34'
					0.2	
40						
				(ML) 40'-45' Strong brown (7.5YR5/6); **SILT with GRAVEL**; Wet; Soft; Angular to subangular grains; Trace fine grained sand.	0.6	
		ML			1.1	Cement - 5% bentonite slurry
45						
				(ML) 45'-54' Brown (7.5YR5/4); **SILT**; Wet; Medium plasticity; Trace fine grained sand.	1.1	
				Below 47' - Strong brown (7.5YR5/6); Few gravel.	1.2	
		ML			0.7	Hydrated bentonite
50					0.9	#3 Sand
		SM		(SM) 54'-55' **SILTY SAND**; Wet; Loose; Angular to subangular grains; Fine to coarse grained sand; Trace gravel.		
55					0.7	2nd Temporary well set at 58'
		ML		(ML) 55'-57' Brown (7.5YR5/4); **SILT**; Wet; Soft; Medium plasticity; Few fine grained sand.		
		SM		(SM) 57'-58.5' Brown (7.5YR5/4); **SILTY SAND with GRAVEL**; Wet; Loose; Angular to subangular grains; Fine to coarse grained sand.	0.7	
	GW-58					
60		CL		(CL) 58.5'-62' Brown (7.5YR5/4); **Lean CLAY**; Wet; Hard; Medium plasticity.	0.5	
		ML		(ML) 62'-64' Brown (7.5YR5/4); **SANDY SILT**; Moist; Soft; Angular to subangular grains; Fine to medium grained sand; Low plasticity; Few gravel.	0.4	

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TETRA TECH, INC.

WELL NUMBER U4U5-38

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 64'-68' Brown (7.5YR5/4); **SILT with SAND**; Moist; Soft; Angular to subangular grains; Fine to coarse grained sand; Low plasticity; Trace gravel. *(continued)*	0.4	Cement - 5% bentonite slurry
		ML			0.3	
		SM		(SM) 68'-74' Brown (7.5YR4/4); **SILTY SAND**; Moist; Loose; Angular to subangular grains; Fine to coarse grained sand; Trace gravel.	0.1	
70					0.2	
75		CL		(CL) 74'-77' Brown (7.5YR5/4); **Lean CLAY with GRAVEL**; Moist; Soft; Angular to subangular grains; Low to medium plasticity; Few fine to medium grained sand.	0.2	Hydrated bentonite
		CL		(CL) 77'-82' **Lean CLAY**; Moist; Hard; Low plasticity.	0	#3 Sand
80					0	3rd Temporary well set at 82'
	GW-82				0	

WELL NUMBER U4U5-39

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/1/16 **COMPLETED** 8/3/16
GROUND ELEVATION 1805.041 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717244.39
LOGGED BY B. Shams/W. Green **CHECKED BY** J. Walker
EASTING 828239.103
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-1' **CONCRETE**.		
	SS-1	SM		(SM) 1'-1.5' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Few gravel.	0.5	
	SS-2.5	SM		(SM) 2.5'-3' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Few gravel.	0.4	
5	SS-5	SM		(SM) 5'-5.5' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Few gravel.	0.5	
	SS-7.5	SW-SM		(SW-SM) 7.5'-8' Light brown (7.5YR6/3); **Well Graded SAND with SILT**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Trace gravel.	0.4	
10	SS-10	SW-SM		(SW-SM) 10'-10.5' Light brown (7.5YR6/3); **Well Graded SAND with SILT**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Trace gravel.	0.5	
	SS-12.5	SW-SM		(SW-SM) 12'-16' Dark brown (7.5YR3/3); **Well Graded SAND with SILT**; Dry; Loose; Angular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0.2	Cement - 5% bentonite slurry
15	SS-15				1.9	
	SS-17.5	SM		(SM) 16'-25' Light gray (10YR47/2); **SILTY SAND**; Dry; Loose; Subrounded to rounded grains; Fine to medium grained sand; Trace caliche gravel.	0.5	
20	SS-20				0.2	
	SS-22.5			Below 21' - Yellowish brown (10YR5/4); No caliche.	0.1	
25	SS-25				0.3	Hydrated bentonite
	SS-27.5	ML		(ML) 25'-30' Strong brown (7.5YR4/6); **SILT**; Dry; Soft; Few subrounded to rounded, fine grained sand.	0	#3 Sand 1st Temporary well water
30				Below 28' - Wet.		

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30				30'-33' **No Recovery.**	0.1	level (29.2') 2nd Temporary well water level (29.7') 1st Temporary well set at 33'
	GW-33			(SM) 33'-40' Dark brown (7.5YR3/3); **SILTY SAND with GRAVEL**; Moist; Firm; Fine to coarse grained sand; Trace clay.		
35		SM			1.7	3rd Temporary well water level (35.8')
					1.1	
40		ML		(ML) 40'-41' Light gray (10YR7/2); **SILT with SAND**; Moist; Soft; Fine grained sand; Trace caliche gravel.	4.7	Cement - 5% bentonite slurry
				(ML) 41'-50' Yellowish brown (10YR5/4); **SILT**; Moist; Soft; Low plasticity; Trace fine grained sand.	0.9	
45		ML			2.8	
					0.4	
50						
		ML		(ML) 50'-52.5' Yellowish brown (10YR5/4); **SILT with SAND**; Moist; Soft; Fine grained sand; No plasticity; Trace clay.	0.4	Hydrated bentonite
				(ML) 52.5'-63' Yellowish brown (10YR5/4); **SILT**; Moist; Soft; Low plasticity; Trace fine grained sand.	0.2	#3 Sand
55					0.3	2nd Temporary well set at 57.5'
	GW-57.5	ML			0.7	
60					7.2	
				Below 62' - Caliche nodules.	0	
		SM		(SM) 63'-69' Yellowish brown (10YR5/4); **SILTY SAND**; Moist; Medium dense; Rounded to subrounded grains; Fine grained sand.		

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TETRA TECH, INC.

WELL NUMBER U4U5-39

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		SM		(SM) 63'-69' Yellowish brown (10YR5/4); **SILTY SAND**; Moist; Medium dense; Rounded to subrounded grains; Fine grained sand. *(continued)*	0	Cement - 5% bentonite slurry
					0	
70		SP-SM		(SP-SM) 69'-70.5' Dark brown (7.5YR3/3); **Poorly Graded SAND with SILT**; Moist; Loose; Subangular to subrounded grains; Coarse grained sand.	0	
		SM		(SM) 70.5'-71.5' Yellowish brown (10YR5/4); **SILTY SAND**; Moist; Medium dense; Rounded to subrounded grains; Fine grained sand.		
		SP-SM		(SP-SM) 71.5'-72' Dark brown (7.5YR3/3); **Poorly Graded SAND with SILT**; Moist; Loose; Subangular to subrounded grains; Coarse grained sand.	0.1	
		ML		(ML) 72'-75' Yellowish brown (10YR5/4); **SILT**; Moist; Soft to firm; Trace rounded to subrounded, fine grained sand.		
75		CL		(CL) 75'-80.5' Yellowish brown (10YR5/4); **Lean CLAY**; Moist; Stiff to very stiff; Medium plasticity.	0	Hydrated bentonite
					0	#3 Sand
80					0	3rd Temporary well set at 82'
		SP-SM		(SP-SM) 80.5'-81.5' Dark brown (7.5YR3/3); **Poorly Graded SAND with SILT**; Moist; Loose; Subangular to subrounded grains; Coarse grained sand.		
	GW-82	CL		(CL) 81.5'-82' Yellowish brown (10YR5/4); **Lean CLAY**; Stiff to very stiff; Medium plasticity.		

WELL NUMBER U4U5-40

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/3/16 **COMPLETED** 8/4/16
GROUND ELEVATION 1804.902 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717250.828
LOGGED BY B. Shams/J. Berjikian **CHECKED BY** J. Walker
EASTING 828278.677
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.75' **CONCRETE**.		
	SS-1	SM		(SM) 1'-1.5' Pinkish gray (7.5YR7/2); **SILTY SAND**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Trace gravel.	1.2	
	SS-2.5	SM		(SM) 2.5'-3' Pinkish gray (7.5YR7/2); **SILTY SAND**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Trace gravel.	1	
5	SS-5	SW		(SW) 5'-5.5' Brown (7.5YR4/3); **Well Graded SAND with GRAVEL**; Moist from hydrovac; Loose; Angular to rounded grains; Fine to coarse grained sand.	0.9	
	SS-7.5	SW-SM		(SW-SM) 7.5'-8' Pinkish gray (7.5YR7/2); **Well Graded SAND with SILT**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Trace gravel.	0.9	
10	SS-10	SW		(SW) 10'-10.5' Dark brown (7.5YR3/2); **Well Graded SAND with GRAVEL**; Moist from hydrovac; Loose; Angular to rounded grains; Fine to coarse grained sand.	0.9	
				12'-15' **No Recovery.**		Cement - 5% bentonite slurry
15	SS-15			(SM) 15'-20' Dark brown (10YR3/3); **SILTY SAND**; Dry; Subrounded to subangular grains; Medium grained sand; Trace gravel.	2.2	
	SS-17.5	SM			0.6	
20	SS-20	SP		(SP) 20'-21' Very pale brown (10YR8/3); **Poorly Graded SAND**; Dry; Subangular to angular grains; Medium to coarse grained sand; Few caliche gravel.	0.1	
	SS-22.5	SM		(SM) 21'-24' Yellowish brown (10YR5/6); **SILTY SAND**; Moist; Firm; Subrounded to subangular grains; Fine to coarse grained sand; Trace gravel.	0.2	
25	SS-25	ML		(ML) 24'-27' Dark yellowish brown (10YR4/6); **SANDY SILT**; Moist; Subrounded grains; Fine grained sand.	0.1	
	SS-27.5	SM		(SM) 27'-28' Yellowish brown (10YR5/6); **SILTY SAND**; Moist; Loose; Subrounded grains; Fine to medium grained sand.	0.1	Hydrated bentonite 1st Temporary well water level (28.8')
30		ML		(ML) 28'-47' Dark yellowish brown (10YR4/6); **SILT**; Moist; Firm; No plasticity; Few fine grained sand.		

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30			(ML) 28'-47' Dark yellowish brown (10YR4/6); **SILT**; Moist; Firm; No plasticity; Few fine grained sand. *(continued)* Below 30' - Wet; Soft.	0	2nd Temporary well water level (30')
					0	#3 Sand 1st Temporary well set at 35'
35	GW-35			Below 35' - Brown (7.5YR5/4); Medium plasticity; Few gravel; Trace fine to medium grained sand.	0.1	
		ML			0	
40					0	
					0	Cement - 5% bentonite slurry
45					0	
		ML		(ML) 47'-52' Brown (7.5YR5/4); **SILT with GRAVEL**; Wet; Loose; Angular to subangular grains; Trace fine grained sand.	0.1	
50					0.1	Hydrated bentonite
		ML		(ML) 52'-55' Brown (7.5YR5/4); **SILT with SAND**; Wet; Loose; Subangular to subrounded grains; Fine grained sand.	0.2	#3 Sand
55		ML		(ML) 55'-57' Brown (7.5YR5/4); **SILT**; Wet; Loose; Few subangular to subrounded, fine grained sand.	0	2nd Temporary well set at 58.5'
		ML		(ML) 57'-58.5' Brown (7.5YR5/4); **SILT with GRAVEL**; Wet; Loose; Angular to subangular grains; Medium plasticity; Trace fine to medium grained sand.	0	
	GW-58.5			(ML) 58.5'-63' Strong brown (7.5YR5/6); **SILT**; Wet; Firm; Trace angular to subangular gravel; Trace fine grained sand.		
60		ML			0.4	3rd Temporary well water level (38.35')
		SM		(SM) 63'-64' Light brown (7.5YR6/4); **SILTY SAND with GRAVEL**; Wet; Loose; Angular to subangular grains; Fine to coarse grained	0.2	

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TETRA TECH, INC.

WELL NUMBER U4U5-40

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		sand; Trace clay.		
		ML		(ML) 64'-65' Strong brown (7.5YR5/6); **SILT**; Wet; Soft to firm; Medium plasticity; Few subrounded, fine grained sand. *(continued)*	0.6	Cement - 5% bentonite slurry
		SM		(SM) 65'-65.5' Brown (7.5YR5/4); **SILTY SAND**; Wet; Loose; Angular to subangular grains; Fine to coarse grained sand; Trace gravel.		
		ML		(ML) 65.5'-70' Dark yellowish brown (10YR4/6); **SILT with SAND**; Wet; Loose; Subangular grains; Fine grained sand.	1.6	
70		SM		(SM) 70'-72.5' Brown (7.5YR4/4); **SILTY SAND**; Wet; Loose; Subangular grains; Fine to coarse grained sand; Trace gravel.	1	
		ML		(ML) 72.5'-73.5' - Strong brown (7.5YR5/6); **SILT with SAND**; Wet; Soft; Subangular grains; Fine grained sand.	1.3	
		CL		(CL) 73.5'-82' Brown (7.5YR5/4); **Lean CLAY**; Wet; Very stiff; Trace subangular, fine grained sand.		
75					1.4	Hydrated bentonite
					1.7	#3 Sand
80					3.2	3rd Temporary well set at 82'
	GW-82					

TETRA TECH, INC.

WELL NUMBER U4U5-41

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/27/16 **COMPLETED** 8/2/16
GROUND ELEVATION 1805.304 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717255.925
LOGGED BY B. Shams/W. Green **CHECKED BY** J. Walker
EASTING 828318.521
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-1' **CONCRETE**.		
	SS-1.5	SW		(SW) 1.5'-2' Light brown (7.5YR6/3); **Well Graded SAND with GRAVEL**; Dry; Loose; Fine to coarse grained sand; Fine grained gravel; Trace silt.	2.3	
	SS-2.5	SW		(SW) 2.5'-3' Light brown (7.5YR6/3); **Well Graded SAND with GRAVEL**; Dry; Loose; Fine to coarse grained sand; Fine grained gravel; Trace silt.	2	
5	SS-5	SW		(SW) 5'-5.5' Light brown (7.5YR6/3); **Well Graded SAND with GRAVEL**; Dry; Loose; Fine to coarse grained sand; Fine grained gravel; Trace silt.	1.9	
	SS-7.5	SW		(SW) 7.5'-8' Brown (7.5YR4/3); **Well Graded SAND with GRAVEL**; Dry; Loose; Fine to coarse grained sand; Fine to coarse gravel (maximum 18mm).	2.1	
10	SS-10	SW		(SW) 10'-10.5' Brown (7.5YR4/3); **Well Graded SAND with GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Fine to coarse gravel (maximum 25mm); Trace silt.	2	Cement - 5% bentonite slurry
	SS-12.5			(SM) 12'-23.5' Dark brown (7.5YR3/4); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to medium grained sand; Few subangular to subrounded fine to coarse gravel.	1.1	
15	SS-15			Below 14' - Light gray (10YR7/2); Trace fine caliche gravel.	0.5	
	SS-17.5	SM		Below 17.5' - Very pale brown (10YR7/3).	0.7	
20	SS-20			Below 20' - Subrounded to rounded grains; Fine grained sand; No caliche.	0.5	
	SS-22.5				0.3	
		SW-SM		(SW-SM) 23.5'-25' Dark brown (7.5YR3/3); **Well Graded SAND with SILT**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.		Hydrated bentonite
25	SS-25			(ML) 25'-30' Dark yellowish brown (10YR4/4); **SILT**; Dry; Soft; Low plasticity; Few rounded to subrounded, fine grained sand.	0.1	
		ML		Below 27' - Wet.	0.1	#3 Sand
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30		ML		(ML) 30'-32' Dark yellowish brown (10YR4/6); **SILT with SAND**; Moist; Soft; Subangular to subrounded grains; Fine to coarse grained sand; No plasticity; Trace clay.	0	2nd Temporary well water level (30.2')
	GW-32			32'-41' **No Recovery.**		1st Temporary well water level (31')
35						1st Temporary well set at 32'
40						Cement - 5% bentonite slurry
		ML		(ML) 41'-42.5' Yellowish brown (10YR5/4); **SILT with SAND**; Moist; Soft; Subangular to subrounded grains; Fine to coarse grained sand; Caliche nodules.		
				(ML) 42.5'-52' Dark yellowish brown (10YR4/6); **SILT**; Moist; Soft; Low plasticity; Trace rounded to subrounded, fine grained sand.	0.1	
45					0.2	
		ML			0.3	
50				Below 50' - Caliche nodules.	0.5	Hydrated bentonite
		ML		(ML) 52'-54.5' Dark yellowish brown (10YR4/6); **SANDY SILT**; Moist; Soft; Subrounded grains; Fine grained sand.	0.5	#3 Sand
55				(ML) 54.5'-62.5' Dark yellowish brown (10YR4/6); **SILT**; Moist; Soft; Low plasticity; Trace rounded to subrounded, fine grained sand.	0.3	2nd Temporary well set at 57'
	GW-57					
		ML			0.1	3rd Temporary well water level (57.8')
60					0	
		ML		(ML) 62.5'-65' Dark yellowish brown (10YR4/6); **SILT with SAND**; Moist; Soft; Fine grained sand; No plasticity.	0	

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TETRA TECH, INC.

WELL NUMBER U4U5-41

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML				
		SM		(SM) 65'-71' Dark brown (7.5YR3/4); **SILTY SAND**; Moist; Medium dense; Subangular to subrounded grains; Fine to medium grained sand; No plasticity.	0.1 0.1 0.1	Cement - 5% bentonite slurry
70		ML		(ML) 71'-74' Dark yellowish brown (10YR6/4); **SILT with SAND**; Moist; Soft to firm; Subangular to subrounded grains; Fine grained sand; Low plasticity.	0.1	
75		SP		(SP) 74'-75' Dark brown (7.5YR3/4); **Poorly Graded SAND**; Moist; Loose; Subangular to subrounded grains; Coarse grained sand.	0	Hydrated bentonite
		CL		(CL) 75'-82' Dark yellowish brown (10YR4/6); **Lean CLAY**; Moist; Stiff to very stiff; Medium plasticity.	0.1	#3 Sand
80	GW-82				0 0	3rd Temporary well set at 82'

WELL NUMBER U4U5-42

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/12/16 **COMPLETED** 9/12/16
GROUND ELEVATION 1813.147 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717263.554
LOGGED BY J. Bunkers/J. Berjikian **CHECKED BY** J. Walker
EASTING 828394.302
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
		SW		(SW) 1'-1.5' Light gray (7.5YR7/1); **Well Graded SAND with GRAVEL**; Dry; Loose; Fine to coarse grained sand; Trace white fines composed of gypsum.	0.2	
		SW		(SW) 2.5'-3' Light gray (7.5YR7/1); **Well Graded SAND with GRAVEL**; Dry; Loose; Fine to coarse grained sand; Trace white fines composed of gypsum.	0.4	
5		SW		(SW) 5'-5.5' Light gray (7.5YR7/1); **Well Graded SAND with GRAVEL**; Dry; Loose; Fine to coarse grained sand; Trace white fines composed of gypsum.	0.2	
		SM		(SM) 7.5'-8' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Moist; Loose; Angular to subrounded grains; Fine to coarse grained sand.	0.2	
10		SP		(SP) 10'-10.5' Dark brown (7.5YR3/4); **Poorly Graded SAND with GRAVEL**; Moist; Loose; Angular to subrounded grains; Coarse grained sand.	0.1	
	SS-12.5			(SM) 12'-20.5' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand.		
15	SS-15					
		SM				Cement - 5% bentonite slurry
	SS-17.5					
20	SS-20					
		SM		(SM) 20.5'-22' Light gray (7.5YR7/1); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.		
	SS-22.5	SW-SM		(SW-SM) 22'-24' Light brown (7.5YR6/3); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.		
25	SS-25			(ML) 24'-35' Brown (7.5YR5/4); **SANDY SILT**; Moist; Soft; Subangular grains; Fine grained sand; Low plasticity; Trace fine gravel.		
	SS-27.5	ML				
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30			(ML) 24'-35' Brown (7.5YR5/4); **SANDY SILT**; Moist; Soft; Subangular grains; Fine grained sand; Low plasticity; Trace fine gravel. *(continued)*		
	SS-32.5	ML				Hydrated bentonite
35	SS-35			(ML) 35'-40' Brown (7.5YR5/4); **SILT with SAND**; Wet; Stiff; Fine grained sane; Low plasticity; Caliche nodules.		#3 Sand
		ML				1st Temporary well water level (36.6')
40	GW-40			(ML) 40'-50' Brown (7.5YR5/4); **SANDY SILT with GRAVEL**; Moist; Very soft; Angular to subrounded grains; Fine to medium grained sand; Low plasticity; Trace clay.		1st Temporary well set at 40'
					2.7	
45		ML			1.6	2nd Temporary well water level (45.6')
					1.6	Cement - 5% bentonite slurry
50				(ML) 50'-65' Brown (7.5YR5/4); **SILT with SAND**; Moist; Soft; Subangular to subrounded grains; Fine grained sand; Low to medium plasticity.	2	
					0.1	
55					0.2	
		ML			0.1	Hydrated bentonite
60				Below 59' - Caliche nodules. Below 59.5' - No caliche.	0.3	#3 Sand
					0.2	2nd Temporary well set at 65'

(Continued Next Page)

TETRA TECH, INC.

WELL NUMBER U4U5-42

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65	GW-65	ML		(ML) 65'-67' Brown (7.5YR4/4); **SANDY SILT**; Moist; Subangular to subrounded grains; Fine grained sand; Low plasticity.	1	Cement - 5% bentonite slurry
		ML		(ML) 67'-72.5' Brown (7.5YR5/4); **SILT**; Dry; Stiff; Low plasticity; Caliche lens; Few fine grained sand. Below 68' - Moist; Hard; Medium plasticity.	0	
70		ML			0.3	
				Below 72' - Caliche nodules.		
				(ML) 72.5'-81' Brown (7.5YR5/4); **SILT with SAND**; Moist; Soft; Angular to subangular grains; Fine to medium grained sand; Low plasticity.	0.2	
75					0.3	3rd Temporary well water level (75')
		ML			0.1	
80					0.6	
		SW-SM		(SW-SM) 81'-82.5' Very dark brown (7.5YR5/3); **Well Graded SAND with SILT**; Moist; Loose; Angular to subangular grains; Fine to coarse grained sand; Few gravel.	0.2	Hydrated bentonite
				(ML) 82.5'-90' Brown (7.5YR5/4); **SILT**; Moist; Very stiff; Medium plasticity; Caliche nodules.		
85					0.1	#3 Sand
		ML			0	3rd Temporary well set at 90'
90	GW-90				0	

TETRA TECH, INC.

WELL NUMBER U4U5-43

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/10/16 **COMPLETED** 9/14/16
GROUND ELEVATION 1812.493 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717272.491
LOGGED BY J. Bunkers/J. Souza **CHECKED BY** J. Walker
EASTING 828442.919
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-2' **CONCRETE**.		
	SS-2.5	SW		(SW) 2.5'-3' Light gray (7.5YR7/1); **Well Graded SAND with GRAVEL**; Dry; Loose; Fine to coarse grained sand; Trace white fines composed of gypsum.	0.1	
5	SS-5	SW		(SW) 5'-5.5' Light gray (7.5YR7/1); **Well Graded SAND with GRAVEL**; Dry; Loose; Fine to coarse grained sand; Trace white fines composed of gypsum.	0.2	
	SS-7.5	SM		(SM) 7.5'-8' Brown (7.5YR4/4); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel.	0	
10	SS-10	SW-SM		(SW-SM) 10'-10.5' Brown (7.5YR5/4); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand.	0.4	
	SS-12.5	SM		(SM) 12'-15' Brown (7.5YR5/3); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel.	0.1	
15	SS-15			15'-22.5' **No Recovery.**	0.5	Cement - 5% bentonite slurry
20						
	SS-22.5	SM		(SM) 22.5'-27' Brown (7.5YR5/3); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.4	
25	SS-25				0.7	
	SS-27.5	SM		(SM) 27'-32' Pink (7.5YR8/3); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular grains; Fine to coarse grained sand. Below 28' - Pink (7.5YR7/4).	0.1	
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	SM		(SM) 27'-32' Pink (7.5YR8/3); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular grains; Fine to coarse grained sand. *(continued)*	0	
	SS-32.5	ML		(ML) 32'-35' Brown (7.5YR5/4); **SILT with SAND**; Moist; Loose; Angular to subangular grains; Fine to medium grained sand; Trace gravel.	0	Hydrated bentonite
35	SS-35	ML		(ML) 35'-40' Brown (7.5YR5/4); **SILT**; Moist; Firm; Medium plasticity; Trace caliche gravel; Trace fine grained sand.	0	#3 Sand
					0	1st and 2nd Temporary well water level (36')
40	GW-40	ML		(ML) 40'-44' Brown (7.5YR5/4); **SILT with SAND**; Dry; Soft; Subangular grains; Fine grained sand; No plasticity.	0	1st Temporary well set at 40'
					0.1	
45				44'-47' **No Recovery.**		
		ML		(ML) 47'-57' Brown (7.5YR4/4); **SILT**; Moist; Firm; Medium plasticity; Trace gravel; Trace fine grained sand.	0.1	Cement - 5% bentonite slurry
50					0.1	
					0.1	
55					0	
		ML		(ML) 57'-58' Brown (7.5YR5/4); **SANDY SILT with GRAVEL**; Moist; Soft; Subangular to subrounded grains; Fine to medium grained sand; Caliche nodules.	0	Hydrated bentonite
60		ML		(ML) 58'-74' Brown (7.5YR5/4); **SILT**; Moist; Firm; Medium plasticity; Trace fine grained sand; Trace gravel.	0	#3 Sand
					0	2nd Temporary well set at 65'

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TETRA TECH, INC.

WELL NUMBER U4U5-43

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65	GW-65	ML		(ML) 58'-74' Brown (7.5YR5/4); **SILT**; Moist; Firm; Medium plasticity; Trace fine grained sand; Trace gravel. *(continued)* Below 66' - Caliche nodules. Below 67' - No caliche.	0 0.3 0.1 0.2	3rd Temporary well water level (70') Cement - 5% bentonite slurry
70						
75		ML		(ML) 74'-80' Brown (7.5YR5/4); **SILT with SAND**; Moist; Firm; Subangular to subrounded grains; Fine to coarse grained sand; Medium plasticity.	0.1 0.1	
80		ML		(ML) 80'-81' Dark brown (7.5YR3/2); **SANDY SILT**; Moist; Soft; Subrounded grains; Fine to coarse grained sand; Medium plasticity.	0.1	
		CL		(CL) 81'-90' Brown (7.5YR5/4); **Lean CLAY**; Moist; Stiff; Low plasticity; Trace caliche gravel.	0.1 0.1 0.1	Hydrated bentonite #3 Sand 3rd Temporary well set at 90'
85						
90	GW-90				0	

WELL NUMBER U4U5-44

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/14/16 **COMPLETED** 7/15/16
GROUND ELEVATION 1812.973 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717315.009
LOGGED BY J. Bunkers/ B. Shams **CHECKED BY** J. Walker
EASTING 828849.605
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SM		(SM) 1'-1.5' Light brown (7.5YR6/6); **SILTY SAND**; Loose; Angular grains; Fine to coarse grained sand; Trace fine gravel (maximum 5mm).	0.1	
	SS-2.5	SM		(SM) 2.5'-3' Light brown (7.5YR6/6); **SILTY SAND**; Loose; Angular grains; Fine to coarse grained sand; Trace fine gravel (maximum 5mm).	0.4	
5	SS-5	SM		(SM) 5'-5.5' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Angular grains; Fine to coarse grained sand; Trace fine gravel (maximum 5mm).	0.3	
	SS-7.5	SM		(SM) 7.5'-8' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Trace gravel.	0.7	
10	SS-10	SW-SM		(SW-SM) 10'-10.5' Light brown (7.5YR6/3); **Well Graded SAND with SILT and GRAVEL**; Dry; Angular to rounded grains; Fine to coarse grained sand.	1.9	
	SS-12.5	GM		(GM) 12'-20' Brown (7.5YR5/4); **SILTY GRAVEL with SAND**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Fine to coarse gravel; Cobble present.	2	
15	SS-15				0.7	
	SS-17.5				0.5	
20	SS-20	SM		(SM) 20'-22.5' Brown (7.5YR5/4); **SILTY SAND**; Dry; Loose; Subangular grains; Fine to coarse grained sand; Few gravel.	0.1	Cement - 5% bentonite slurry
	SS-22.5	ML		(ML) 22.5'-25' Brown (7.5YR4/4); **SANDY SILT**; Dry; Soft; Rounded grains; Fine to coarse grained sand; Trace gravel.	0.2	
25	SS-25			(ML) 25'-67.5' Brown (7.5YR5/4); **SILT with SAND**; Moist; Soft; Fine grained sand; No plasticity.	0.4	
	SS-27.5	ML			0.4	
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30			(ML) 25'-67.5' Brown (7.5YR5/4); **SILT with SAND**; Moist; Soft; Fine grained sand; No plasticity. *(continued)*	2	
	SS-32.5					
35	SS-35				0.3	
	SS-37.5				0.8	
40					0.6	
					1	Hydrated bentonite 1st Temporary well water level (43') #3 Sand
45					0.4	
		ML			0.1	1st Temporary well set at 50'
50	GW-50			Below 50' - Low plasticity.	0.4	
					2.6	
55				Below 55' - Micaceous sand; Friable grains.	1.1	Cement - 5% bentonite slurry
					1.3	
60					0.3	
					0.5	Hydrated bentonite

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TETRA TECH, INC.

WELL NUMBER U4U5-44

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 25'-67.5' Brown (7.5YR5/4); **SILT with SAND**; Moist; Soft; Fine grained sand; No plasticity. *(continued)*	0.6	2nd Temporary well water level (65') #3 Sand
		SM		(SM) 67.5'-72.5' Brown (7.5YR4/3); **SILTY SAND**; Moist; Loose; Subangular to subrounded grains; Fine to coarse grained sand; No plasticity.	0.3	
70	GW-70			Below 70' - Low plasticity; Trace subrounded gravel.	2.1	2nd Temporary well set at 70'
				Below 71' - Brown (7.5YR5/4); No plasticity.		
		ML		(ML) 72.5'-75' Brown (7.5YR5/4); **SILT**; Most; Firm; Low plasticity; Trace caliche.	4.7	
75		SP-SM		(SP-SM) 75'-77.5' Brown (7.5YR5/4); **Poorly Graded SAND with SILT and GRAVEL**; Moist; Loose; Subangular to subrounded grains; Medium to coarse grained sand; Fine to coarse gravel.	1.4	Cement - 5% bentonite slurry
		ML		(ML) 77.5'-90' Brown (7.5YR5/4); **SILT**; Moist; Low to medium plasticity; Trace fine grained sand.	0.7	
80					0.2	
					0.7	Hydrated bentonite
85					2.3	#3 Sand
					0.3	3rd Temporary well set at 90'
90	GW-90					

WELL NUMBER U4U5-45

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/27/16 **COMPLETED** 8/2/16
GROUND ELEVATION 1805.79 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717192.335
LOGGED BY J. Bunkers/ B. Shams **CHECKED BY** J. Walker
EASTING 828186.021
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'- 5' **CONCRETE**.		
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR5/3); **SILTY SAND**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Few gravel.	1.8	
	SS-7.5	SM		(SM) 7.5'-8' Brown (7.5YR5/3); **SILTY SAND**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Few gravel.	2	
10	SS-10	SM		(SM) 10'-10.5' Brown (7.5YR5/3); **SILTY SAND**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Few gravel.	1.9	
	SS-12.5			(SM) 12'-24.5' Brown (7.5YR5/3); **SILTY SAND**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Few gravel.	0.5	Cement - 5% bentonite slurry
15	SS-15				0.3	
				Below 16' - Strong brown (7.5YR5/6); Moist; Angular to subrounded grains.		
	SS-17.5	SM			0.2	
20	SS-20				0	
	SS-22.5				0	
				Below 23' - Brown (7.5YR5/4); Trace low plasticity clay.		
25	SS-25	SW		(SW) 24.5'-25' Brown (7.5YR5/4); **Well Graded SAND**; Moist; Subangular to subrounded grains; Fine to coarse grained sand.	0.2	
				25'-27' **No Recovery**.		
	SS-27.5	ML		(ML) 27'-50' Brown (7.5YR5/4); **SANDY SILT**; Moist; Soft to firm; Low plasticity; Trace clay.	0	Hydrated bentonite 3rd Temporary well water level (28.8')
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30			(ML) 27'-50' Brown (7.5YR5/4); **SANDY SILT**; Moist; Soft to firm; Low plasticity; Trace clay. *(continued)* Below 30' - Wet.	0	1st Temporary well water level (29')
					0	2nd Temporary well water level (29.4')
35	GW-35			Below 35' - Low to medium plasticity; Caliche nodules.	0	#3 Sand 1st Temporary well set at 35'
					0.2	
40		ML			0	
					0	Cement - 5% bentonite slurry
45					0	
					0	
50				50'-55' **No Recovery.**	0.1	
						Hydrated bentonite
55				(ML) 55'-64' Brown (7.5YR5/4); **SILT**; Moist; Dense; Medium plasticity; Few fine grained sand.		#3 Sand
					0	2nd Temporary well set at 60'
60	GW-60	ML			0	
					0.2	

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WELL NUMBER U4U5-45

TETRA TECH, INC.

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		SW-SM		(SW-SM) 64'-65' Brown (7.5YR5/4); **Well Graded SAND with SILT and GRAVEL**; Moist; Angular to subrounded grains; Fine to coarse grained sand; Low plasticity. *(continued)*	0.6	
		SP-SM		(SP-SM) 65'-68' Dark brown (7.5YR3/3); **Poorly Graded SAND with SILT**; Moist; Loose; Subangular to rounded grains; Coarse grained sand; Few gravel.	0.3	Cement - 5% bentonite slurry
		SM		(SM) 68'-69' Strong brown (7.5YR4/6); **SILTY SAND**; Moist; Fine grained sand; Low plasticity.		
70		SP		(SP) 69'-70' Dark brown (7.5YR3/2); **Poorly Graded SAND**; Moist; Loose; Subangular to rounded grains; Coarse grained sand; Trace gravel.	0.6	
		ML		(ML) 70'-74' Brown (7.5YR5/4); **SILT**; Moist; Firm; Medium plasticity; Few fine grained sand.	0	
75		SP		(SP) 74'-74.5' Brown (7.5YR5/4); **Poorly Graded SAND**; Moist; Loose; Coarse grained sand.	0	Hydrated bentonite
		ML		(ML) 74.5'-79' Brown (7.5YR5/4); **SILT**; Moist; Firm; Medium plasticity; Few fine grained sand.	0	#3 Sand
80		SP		(SP) 79'-79.5' Brown (7.5YR5/4); **Poorly Graded SAND**; Moist; Loose; Coarse grained sand.	0	3rd Temporary well set at 82'
		ML		(ML) 79.5'-82' Brown (7.5YR5/4); **SILT**; Moist; Firm; Medium plasticity; Few fine grained sand.		
	GW-82					

WELL NUMBER U4U5-46

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/10/16 **COMPLETED** 8/19/16
GROUND ELEVATION 1805.085 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717203.699
LOGGED BY J. Berjikian/M. Hearn **CHECKED BY** J. Walker
EASTING 828197.074
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-1' **CONCRETE**.		
	SS-1	SM		(SM) 1'-1.5' Strong brown (7.5YR4/6); **SILTY SAND**; Loose; Angular to subangular grains; Fine to coarse grained sand; Trace gravel.	0.5	
	SS-2.5	SM		(SM) 2.5'-3' Strong brown (7.5YR4/6); **SILTY SAND**; Loose; Angular to subangular grains; Fine to coarse grained sand; Trace gravel.	0.2	
5	SS-5	SW-SM		(SW-SM) 5'-5.5' Dark brown (7.5YR3/4); **Well Graded SAND with SILT and GRAVEL**; Moist; Loose; Angular to subangular grains; Fine to coarse grained sand.	0.2	
	SS-7.5	SM		(SM) 7.5'-8' Strong brown (7.5YR4/6); **SILTY SAND**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand; Trace gravel.	0	
10	SS-10	ML		(ML) 10'-10.5' White (5YR8/1); **SILT with SAND**; Dry; Loose; Fine grained sand; Moderately cemented caliche nodules.	0	
	SS-12.5	SM		(SM) 12'-15' Brown (7.5YR5/3); **SILTY SAND with GRAVEL**; Moist; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	0	Cement - 5% bentonite slurry
15	SS-15			(ML) 15'-20' Brown (7.5YR4/4); **SILT with SAND**; Moist; Loose; Fine grained sand.	0	
	SS-17.5	ML			0	
20	SS-20			(ML) 20'-40' Brown (7.5YR4/3); **SILT**; Moist; Soft; Trace fine grained sand.	0	
	SS-22.5				0	
25	SS-25	ML			0	
				Below 26' - Firm.		
	SS-27.5				0	Hydrated bentonite 1st Temporary well water level (29.1')
30						

(Continued Next Page)

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30			(ML) 20'-40' Brown (7.5YR4/3); **SILT**; Moist; Soft; Trace fine grained sand. *(continued)*	0	#3 Sand
					0	2nd Temporary well water level (34')
35	GW-35	ML		Below 35' - Wet.	0	1st Temporary well set at 35'
					0	
40				(CL) 40'-62.5' Brown (7.5YR4/4); **Lean CLAY**; Wet; Firm; Low to medium plasticity; Trace fine grained sand.	0	
					0	Cement - 5% bentonite slurry
45					0	
					0	
50		CL			0	Hydrated bentonite
					0	#3 Sand
55					0	3rd Temporary well water level (54.9')
	GW-58.5				0	2nd Temporary well set at 58.5'
60				Below 60' - Soft to firm; Low plasticity.	0.4	
		ML		(ML) 62.5'-66' Brown (7.5YR4/4); **SILT**; Moist; Soft; Low plasticity; Trace fine grained sand.	0.3	

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TETRA TECH, INC.

WELL NUMBER U4U5-46

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 62.5'-66' Brown (7.5YR4/4); **SILT**; Moist; Soft; Low plasticity; Trace fine grained sand. *(continued)*	0.3	Cement - 5% bentonite slurry
		SM		(SM) 66'-71' Dark brown (7.5YR3/3); **SILTY SAND**; Moist; Loose; Fine grained sand; Trace gravel.	0.4	
70					0.3	
		ML		(ML) 71'-75' Brown (7.5YR4/4); **SILT with SAND**; Moist; Soft to firm; Fine grained sand; Low plasticity.	0.4	
75						Hydrated bentonite
		CL		(CL) 75'-82' Strong brown (7.5YR5/6); **Lean CLAY**; Moist; Stiff; Medium plasticity; Caliche nodules.	0.2	#3 Sand
					0.2	
80					0.3	3rd Temporary well set at 82'
	GW-82				0.4	

TETRA TECH, INC.

WELL NUMBER U4U5-47

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/10/16 **COMPLETED** 8/17/16
GROUND ELEVATION 1805.784 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717198.506
LOGGED BY J. Bunkers/M. Hearn **CHECKED BY** J. Walker
EASTING 828216.971
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-1' **CONCRETE**.		
	SS-1	SM		(SM) 1'-1.5' Brown (7.5YR4/3); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Few gravel.	0	
	SS-2.5	SM		(SM) 2.5'-3' Brown (7.5YR4/3); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Few gravel.	0	
5	SS-5	SW-SM		(SW-SM) 5'-5.5' Dark brown (7.5YR3/3); **Well Graded SAND with SILT and GRAVEL**; Moist; Loose; Angular to subangular grains; Fine to coarse grained sand.	0	
	SS-7.5	SW-SM		(SW-SM) 7.5'-8' Dark brown (7.5YR3/3); **Well Graded SAND with SILT and GRAVEL**; Moist; Loose; Angular to subangular grains; Fine to coarse grained sand.	0	
10	SS-10	SM		(SM) 10'-10.5' Brown (7.5YR5/3); **SILTY SAND with GRAVEL**; Moist; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Cobble up to 4".	0	
	SS-12.5	SM		(SM) 12'-14' Brown (7.5YR5/3); **SILTY SAND with GRAVEL**; Moist; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Cobble up to 4".	0	Cement - 5% bentonite slurry
15	SS-15	ML		(ML) 14'-15' White (5YR8/1); **SILT**; Moist; Soft to firm; Few fine grained sand; Trace gravel.	0	
		ML		(ML) 15'-18' Brown (7.5YR4/3); **SILT with SAND**; Dry to moist; Soft; Fine grained sand.		
	SS-17.5				0	
		SM		(SM) 18'-24' Brown (7.5YR5/3); **SILTY SAND**; Dry to moist; Loose; Subangular to subrounded grains; Fine grained sand.		
20	SS-20				0	
	SS-22.5			Below 23' - Fine to medium grained sand.	0	
25	SS-25	ML		(ML) 24'-35' Reddish brown (5YR4/3); **SILT**; Moist to wet; Stiff; Trace fine grained sand.	0	
	SS-27.5				0	Hydrated bentonite 1st Temporary well water level (29')
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	ML		(ML) 24'-35' Reddish brown (5YR4/3); **SILT**; Moist to wet; Stiff; Trace fine grained sand. *(continued)*	0 0	2nd Temporary well water level (30') #3 Sand
35	GW-35	SM		(SM) 35'-40' Brown (7.5YR5/3); **SILTY SAND**; Wet; Loose; Subangular to subrounded grains; Fine to medium grained sand; Trace gravel; Highly weathered granite.	0 0	1st Temporary well set at 35'
40		ML		(ML) 40'-57' Brown (7.5YR4/3); **SILT**; Wet; Firm; Trace fine grained sand; Caliche nodules.	0 0 0 0 0	Cement - 5% bentonite slurry
50					0 0	Hydrated bentonite
55					0 0	#3 Sand 2nd Temporary well set at 58.5'
60	GW-58.5	SM		(SM) 57'-66' Brown (7.5YR5/3); **SILTY SAND**; Wet; Loose; Subangular to subrounded grains; Fine grained sand. Below 58.5' - Medium dense.	0 0.1 0	3rd Temporary well water level (60.8')

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TETRA TECH, INC.

WELL NUMBER U4U5-47

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		SM		(SM) 57'-66' Brown (7.5YR5/3); **SILTY SAND**; Wet; Loose; Subangular to subrounded grains; Fine grained sand. *(continued)* Below 65' - Brown (7.5YR4/3); Fine to coarse grained sand.	0	Cement - 5% bentonite slurry
		ML		(ML) 66'-70' Dark brown (7.5YR3/3); **SILT with SAND**; Moist; Soft; Fine grained sand; No plasticity.	0	
70		ML		(ML) 70'-75' Brown (7.5YR4/3); **SILT**; Wet; Firm; Low plasticity; Trace fine grained sand.	0	
					0	
75		CL		(CL) 75'-82' Brown (7.5YR5/4); **Lean CLAY**; Wet; Stiff; Medium plasticity; Trace fine grained sand.	0	Hydrated bentonite
					0	#3 Sand
80	GW-82				0	3rd Temporary well set at 82'
					0	

WELL NUMBER U4U5-48

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 6/28/16 **COMPLETED** 7/7/16
GROUND ELEVATION 1813.56 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717099.737
LOGGED BY B. Shams/W. Green **CHECKED BY** J. Walker
EASTING 828165.446
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0-0.7' **ASPHALT.**		
	SS-1	SM		(SM) 1'-1.5' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.		
	SS-2.5	SM		(SM) 2.5'-3' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.		
5	SS-5	SM		(SM) 5'-5.5' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel (maximum 10mm).	5	
	SS-7.5	SM		(SM) 7.5'-8' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Very loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel (maximum 19mm).	5.4	
10	SS-10	SM		(SM) 10'-10.5' Yellowish brown (10YR5/4); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel (maximum 20mm).		
	SS-12.5	SM		(SM) 12'-21.5' Yellowish brown (10YR5/4); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.	1.2	
15	SS-15				0	
	SS-17.5			Below 17' - Brown (7.5YR4/3); Few fine to coarse gravel.	0	Cement - 5% bentonite slurry
20	SS-20				0	
	SS-22.5	SW-SM		(SW-SM) 21.5'-25' Light gray (10YR7/2); **Well Graded SAND with SILT**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few fine to coarse gravel.	0	
25	SS-25	SM		(SM) 25'-27' Dark yellowish brown (10YR4/4); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace fine to coarse gravel.	0	
	SS-27.5	SW-SM		(SW-SM) 27'-29.5' Light olive brown (2.5YR5/4); **Well Graded SAND with SILT**; Dry; Loose; Angular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0	
30		ML				

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	SM		(ML) 29.5'-30.5' Dark yellowish brown (10YR4/4); **SILT with SAND**; Dry; Soft; Fine to medium grained sand; Medium plasticity; Trace gravel. *(continued)*	0	
	SS-32.5			(SM) 30.5'-32.5' Dark yellowish brown (10YR4/4); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace fine gravel.	0	
35	SS-35	ML		(ML) 32.5'-35.5' Dark yellowish brown (10YR4/6); **SILT with SAND**; Dry; Soft; Rounded grains; Fine grained sand.	0	1st Temporary well water level (35.5')
	SS-37.5	SM		(SM) 35.5'-37.5' Light gray (10YR7/2); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0	Hydrated bentonite
40	SS-40			(ML) 37.5'-90' Brown (7.5YR4/6); **SILT**; Moist; Soft; Low plasticity; Trace subrounded, fine grained sand. Below 39.5' - Wet.	0	#3 Sand
45	GW-45			Below 45' - Brown (7.5YR4/4); Moist.	0	3rd Temporary well water level (43') 1st Temporary well set at 45'
50		ML		Below 49.5' - Trace fine to coarse gravel. Below 50' - No gravel.	0	
55					0	Cement - 5% bentonite slurry
60					0	2nd Temporary well water level (56.5')
					0	Hydrated bentonite

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TETRA TECH, INC.

WELL NUMBER U4U5-48

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65				(ML) 37.5'-90' Brown (7.5YR4/6); **SILT**; Moist; Soft; Low plasticity; Trace subrounded, fine grained sand. *(continued)* Below 65' - Very stiff; Medium plasticity.	0	#3 Sand
					0	2nd Temporary well set at 70'
				Below 68' - Soft; Low plasticity; Trace fine grained sand.		
70	GW-70				0	
					0	
				Below 74' - Firm.		
75					0	Cement - 5% bentonite slurry
		ML			0	
80				Below 80'- Very stiff.	0	
					0	Hydrated bentonite
85					0	#3 Sand
					0	3rd Temporary well set at 90'
90	GW-90				0	

WELL NUMBER U4U5-49

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 6/29/16 **COMPLETED** 7/8/16
GROUND ELEVATION 1812.984 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717075.717
LOGGED BY B. Shams/W. Green **CHECKED BY** J. Walker
EASTING 828250.127
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0-0.5' **ASPHALT**.		
	SS-1	SM		(SM) 1'-1.5' Brown (7.2YR4/3); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Few gravel; Trace cobble.	5.1	
	SS-2.5	SM		(SM) 2.5'-3' Brown (7.5YR4/4); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Few gravel; Trace cobble.	3.5	
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR4/4); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.	5	
	SS-7.5	SM		(SM) 7.5'-8' Brown (7.5YR4/4); **SILTY SAND**; Moist from Hydrovac; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.	5	
10	SS-10	SM		(SM) 10'-10.5' Dark yellowish brown (10YR4/4); **SILTY SAND**; Moist from hydrovac; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.	5	
	SS-12.5			(SM) 12'-19' Dark yellowish brown (10YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Angular to subrounded grains; Fine to coarse grained sand; Fine to coarse gravel.	0	
15	SS-15	SM			0	
	SS-17.5				0	Cement - 5% bentonite slurry
20	SS-20	SW-SM		(SW-SM) 19'-20.5' Light gray (10YR7/2); **Well Graded SAND with SILT**; Dry; Loose; Angular to subrounded grains; Fine to coarse grained sand; Few fine to coarse gravel.	0	
	SS-22.5	SM		(SM) 20.5'-25' Brown (7.5YR4/4); **SILTY SAND**; Dry; Loose; Subrounded to rounded grains; Fine to medium grained sand; Trace gravel.	0.3	
25	SS-25			(ML) 25'-35' Brown (7.5YR4/4); **SILT**; Dry; Soft to firm; No plasticity; Trace rounded to subrounded, fine grained sand.	0	
	SS-27.5	ML			0	
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30			(ML) 25'-35' Brown (7.5YR4/4); **SILT**; Dry; Soft to firm; No plasticity; Trace rounded to subrounded, fine grained sand. *(continued)*	0	
	SS-32.5	ML			0	2nd Temporary well water level (34.3')
35	SS-35					1st Temporary well water level (35.1')
		ML		(ML) 35'-37.5' Brown (7.5YR4/4); **SILT with GRAVEL**; Dry; Subrounded to subangular grains; Few fine to coarse grained sand.	0	
	SS-37.5			(ML) 37.5'-47.5' Brown (7.5YR4/4); **SILT**; Moist; Soft; Trace rounded to subrounded, fine grained sand.	0.3	Hydrated bentonite
40	SS-40			Below 40' - Wet.		#3 Sand
		ML			0	1st Temporary well set at 45'
45	GW-45				0	
				(CL) 47.5'-62.5' Brown (7.5YR4/4); **Lean CLAY**; Moist; Very stiff; Medium plasticity.	0	
50					0	
		CL		(CL) Below 52.5'- Soft.	0	Cement - 5% bentonite slurry
55		CL			0	
					0.2	
60		CL		(CL) Below 60'- Very Stiff.	0	Hydrated bentonite
				(ML) 62.5'-65' Brown (7.5YR4/4); **SILT**; Moist; Stiff; Low plasticity.	0	#3 Sand
		ML				

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TETRA TECH, INC.

WELL NUMBER U4U5-49

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 62.5'-65' Brown (7.5YR4/4); **SILT**; Moist; Stiff; Low plasticity. *(continued)*	0	3rd Temporary well water level (63.9')
		CL		(CL) 65'-70' Brown (7.5YR4/4); **Lean CLAY**; Moist; Very stiff; Medium plasticity.	0	2nd Temporary well set at 67.5'
	GW-67.5					
70		ML		(ML) 70'-76.5' Brown (7.5YR4/4); **SILT**; Moist; Firm; Low plasticity; Few subangular to subrounded, fine grained sand.	10.4	
					5.2	
75				Below 74' - Trace rounded to subrounded, fine grained sand.	7	Cement - 5% bentonite slurry
		SP-SM		(SP-SM) 76.5'-78' Dark brown (7.5YR3/3); **Poorly Graded SAND with SILT**; Wet; Loose; Angular to subrounded grains; Coarse grained sand.	6.3	
		ML		(ML) 78'-80' Brown (7.5YR4/4); **SILT**; Moist; Firm; Low plasticity; Trace rounded to subrounded, fine grained sand.		
80		SM		(SM) 80-81.5' Dark brown (7.5YR3/3); **SILTY SAND**; Wet; Loose; Subangular to subrounded grains; Coarse grained sand; Trace clay.	5.1	
				(ML) 81.5-90' Brown (7.5YR4/4); **SILT**; Moist; Firm; Low plasticity.	4.5	Hydrated bentonite
85		ML		Below 85' - Trace fine grained sand.	7.2	#3 Sand
					4.1	3rd Temporary well set at 90'
90	GW-90				7.3	

WELL NUMBER U4U5-50

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/7/16 **COMPLETED** 7/7/16
GROUND ELEVATION 1813.333 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717090.527
LOGGED BY B. Shams/J. Berjikian **CHECKED BY** J. Walker
EASTING 828342.185
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0-0.5' **ASPHALT**.		
	SS-1	SM		(SM) 1'-1.5' Brown (7.5YR4/3); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace cobble.	1.2	
	SS-2.5	SM		(SM) 2.5'-3' Brown (7.5YR4/3); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace cobble.	0.5	
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR4/3); **SILTY SAND** ; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand.	0.6	
	SS-7.5	SM		(SM) 7.5'-8' Brown (7.5YR4/3); **SILTY SAND** ; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.	0.6	
10	SS-10	SM		(SM) 10'-10.5' Brown (7.5YR5/4); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.	0.6	
	SS-12.5	SM		(SM) 12'-15' Brown (7.5YR5/4); **SILTY SAND**; Dry; Loose to medium dense; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.	5.3	
15	SS-15			15'-25' **No Recovery**.		
20						Cement - 5% bentonite slurry
25				(SM) 25'-31' Brown (7.5YR5/4); **SILTY SAND**; Dry; Loose to medium dense; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.		
	SS-27.5	SM			1.8	
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	SM				
	SS-32.5	ML		(ML) 31'-34' White (7.5YR8/1); **SILT with SAND**; Dry; Loose; Fine to coarse grained sand; Weak cementation.	9.3	
35	SS-35	ML		(ML) 34'-37' Brown (7.5YR5/4); **SILT**; Dry; Soft; Trace fine grained sand.	7.1	
	SS-37.5	SW		(SW) 37'-39' Brown (7.5YR4/2); **Well Graded SAND**; Moist to wet; Very loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel; Trace silt.		Hydrated bentonite
40	SS-40	ML		(ML) 39'-45' Reddish brown (5YR4/4); **SILT**; Wet; Firm; Trace fine grained sand.	8.3	#3 Sand
	SS-42.5					3rd Temporary well water level (42.55')
45	SS-45 GW-45	SP		(SP) 45'-47' Brown (7.5YR4/4); **Poorly Graded SAND**; Wet; Rounded grains; Fine grained sand; Few gravel; Trace silt.	6	1st Temporary well set at 45'
		CL		(CL) 47'-57' Brown (7.5YR4/4); **Lean CLAY**; Moist; Firm; Low plasticity; Trace rounded, fine grained sand. Below 48' - Trace angular gravel.	2.1	Cement - 5% bentonite slurry
50					2.9	
				Below 53' - Few fine grained sand.		Hydrated bentonite
55	SS-55				7.2	#3 Sand
		SP		(SP) 57'-58' Dark Brown (7.5YR5/2); **Poorly Graded SAND**; Wet; Angular grains; Fine to medium grained sand; Trace silt.	6.6	2nd Temporary well set at 60'
60	GW-60	CL		(CL) 58'-63' Light brown (7.5YR4/4); **Lean CLAY**; Moist; Firm; Low plasticity; Trace rounded, fine grained sand.	6.2	
		ML		(ML) 63'-68' Brown (7.5YR5/6); **SILT with SAND**; Wet; Soft to firm; Fine grained sand; Trace clay.		

(Continued Next Page)

TETRA TECH, INC.

WELL NUMBER U4U5-50

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 63'-68' Brown (7.5YR5/6); **SILT with SAND**; Wet; Soft to firm; Fine grained sand; Trace clay. *(continued)* Below 65' - Brown (7.5YR4/4).	1.6	
					5.3	
70		CL		(CL) 68'-75' Brown (10YR5/6); **Lean CLAY**; Wet; Low plasticity; Trace angular gravel; Trace fine grained sand.	0.9	Cement - 5% bentonite slurry
75		ML		(ML) 75'-79' Brown (10YR4/6); **SILT**; Wet; Trace fine grained sand; Trace clay.	0.5	
80		SP		(SP) 79'-82' Dark brown (7.5YR2.5/1); **Poorly Graded SAND**; Wet; Angular grains; Fine to medium grained sand; Trace angular gravel.	7.4	Hydrated bentonite
85		CL		(CL) 82'-90' Brown (7.5YR5/9); **Lean CLAY**; Wet; Low plasticity; Trace angular, fine grained sand.	1.2	#3 Sand
90	GW-90					3rd Temporary well set at 90'

WELL NUMBER U4U5-51

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/7/16 **COMPLETED** 7/8/16
GROUND ELEVATION 1813.546 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717142.069
LOGGED BY B. Shams/M. Hearn **CHECKED BY** J. Walker
EASTING 828432.365
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0-0.5' **CONCRETE**.		
	SS-1	SM		(SM) 1'-1.5' Very pale brown (10YR7/3); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to medium grained sand; Few gravel.	5.4	
	SS-2.5	SM		(SM) 2.5'-3' Very pale brown (10YR7/3); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to medium grained sand; Few gravel.	6.2	
5	SS-5	SM		(SM) 5'-5.5' Very pale brown (10YR7/3); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to medium grained sand; Few gravel.	6.9	
	SS-7.5	SM		(SM) 7.5'-8' Very pale brown (10YR7/3); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to medium grained sand; Few gravel.	6.1	
10	SS-10	SM		(SM) 10'-10.5' Very pale brown (10YR7/3); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to medium grained sand; Few gravel.	6	
	SS-12.5	SM		(SM) 12'-15' Brown (7.5YR5/4); **SILTY SAND with GRAVEL**; Moist; Loose; Subangular grains; Fine to coarse grained sand; Fine gravel.	8.9	
15	SS-15	SW		(SW) 15'-16' Light yellowish brown (10YR6/4); **Well Graded SAND**; Moist; Very loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel; Trace silt.	8.6	
	SS-17.5	SM		(SM) 16'-20' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Moist; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Maximum 3" gravel.	6.6	
20	SS-20			(ML) 20'-25' Strong brown (7.5YR4/6); **SILT**; Moist; Soft; Trace fine grained sand; Trace clay.	5.8	Cement - 5% bentonite slurry
	SS-22.5	ML				
25	SS-25			25'-35' **No Recovery**.		
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30				25'-35' **No Recovery**. *(continued)*		
35				(ML) 35'-45' Strong brown (7.5YR4/6); **SILT**; Wet; Firm; Trace fine grained sand; Trace clay.		1st Temporary well water level (36.4')
	SS-37.5					2nd Temporary well water level (38.8')
40	SS-40	ML				
	SS-42.5					3rd Temporary well water level (43.4')
45	SS-45	SM		(SM) 45'-46.5' Brown (7.5YR5/6); **SILTY SAND**; Wet; Medium dense; Rounded grains; Fine grained sand.	7.8	Hydrated bentonite #3 Sand
		CL		(CL) 46.5'-50' Brown (7.5YR5/6); **LEAN CLAY**; Wet; Low plasticity; Trace angular gravel.	0.5	
50	GW-51	SM		(SM) 50'-60' Light brown (7.5YR6/4); **SILTY SAND**; Wet; Medium dense; Fine to medium grained sand; Low to no plasticity; Trace gravel.	0.4	1st Temporary well set at 51'
55						Cement - 5% bentonite slurry
				Below 58' - Brown (7.5YR4/3); Loose; No gravel.	0.8	
60		ML		(ML) 60'-62' Strong brown (7.5YR5/6); **SANDY SILT**; Wet; Firm; Fine grained sand; Low plasticity.	0.8	Hydrated bentonite
		SW		(SW) 62'-63' Brown (7.5YR4/4); **Well Graded SAND**; Wet; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.3	#3 Sand
		ML		(ML) 63'-70' Brown (7.5YR5/4); **SILT with SAND**; Wet; Soft to firm; Fine grained sand; Trace clay.		

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65				(ML) 63'-70' Brown (7.5YR5/4); **SILT with SAND**; Wet; Soft to firm; Fine grained sand; Trace clay. *(continued)*	0.4	2nd Temporary well set at 67'
	GW-67	ML				
70				(ML) 70'-79' Brown (7.5YR4/4); **SILT**; Moist; Soft to firm; No plasticity.	0.2	Cement - 5% bentonite slurry
75		ML				
80		SM		(SM) 79'-81' Dark brown (7.5YR3/4); **SILTY SAND**; Wet; Loose; Angular to rounded grains; Medium to coarse grained sand; Trace gravel.	0	Hydrated bentonite
		CL		(CL) 81'-85' Brown (7.5YR4/6); **Lean CLAY**; Wet; Stiff; Medium plasticity.	0.4	#3 Sand
85		SM		(SM) 85'-86' Brown (7.5YR3/4); **SILTY SAND**; Wet; Loose; Angular to rounded grains; Fine to medium grained; Trace gravel.	1	3rd Temporary well set at 87.5'
	GW-87.5	ML		(ML) 86'-90' Brown (7.5YR5/4); **SILT**; Moist; Stiff; Low plasticity.	0.4	
90						Native formation

WELL NUMBER U4U5-52

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/13/16 **COMPLETED** 7/13/16
GROUND ELEVATION 1813.249 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717133.908
LOGGED BY B. Shams/A. Weimer **CHECKED BY** J. Walker
EASTING 828606.468
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SM		(SM) 1'-1.5' Light brown (7.5YR6/3); **SILTY SAND**; Moist from hydrovac; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.	8.6	
	SS-2.5	SM		(SM) 2.5'-3' Light brown (7.5YR6/3); **SILTY SAND**; Moist from hydrovac; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.	8	
5	SS-5	SM		(SM) 5'-5.5' Light brown (7.5YR6/3); **SILTY SAND**; Moist from hydrovac; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace fine gravel.	8.1	
	SS-7.5	SP-SM		(SP-SM) 7.5'-8' Dark brown (7.5YR3/3); **Poorly Graded SAND with SILT**; Moist from hydrovac; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.	8.2	
10	SS-10	SP-SM		(SP-SM) 10'-10.5' Brown (7.5YR4/3); **Poorly Graded SAND with SILT**; Dry to moist; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel.	8.2	
	SS-12.5			(SP-SM) 12'-22.5' Brown (7.5YR4/3); **Poorly Graded SAND with SILT**; Dry; Loose; Subangular to rounded grains; Medium grained sand; Trace gravel.	5.5	
15	SS-15				3.2	
	SS-17.5	SP-SM		Below 17.5' - Brown (7.5YR5/4).	2.7	
20	SS-20				2.7	Cement - 5% bentonite slurry
	SS-22.5	ML		(ML) 22.5'-25' Strong brown (10YR5/6); **SILT**; Dry; Soft; Trace fine grained sand; Trace clay.	1.5	
25	SS-25	SW		(SW) 25'-27.5' **Well Graded SAND with GRAVEL**; Dry to moist; Loose; Subangular to rounded grains; Fine to coarse grained sand; Mild odor; Pieces of wood/roots 2"-5" long and 0.5"-2" wide.	6.2	
	SS-27.5	ML		(ML) 27.5'-30' Brown (7.5YR4/4); **SILT**; Dry to moist; Loose; Trace fine grained sand.	1.9	
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	SM		(SM) 30'-32.5' Brown (7.5YR4/4); **SILTY SAND**; Moist; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0.8	
	SS-32.5	ML		(ML) 32.5'-35' Brown (7.5YR5/4); **SILT**; Moist to wet; Firm; Few subangular to subrounded, fine grained sand.	1	
35	SS-35	ML		(ML) 35'-36.5' Brown (7.5YR5/4); **SILT with SAND**; Wet; Fine to medium grained sand; Trace clay.	0.5	
		SP		(SP) 36.5'-37.5' Grayish brown (7.5YR4/2); **Poorly Graded SAND**; Wet; Subrounded grains; Fine to coarse grained sand; Trace silt.		
		ML		(ML) 37.5'-50' Brown (7.5YR4/4); **SILT**; Moist to wet; Firm; Low plasticity; Trace fine grained sand.	0.3	2nd Temporary well water level (37.9')
40					0.1	1st Temporary well water level (38.4')
					0.1	Hydrated bentonite
45				Below 45' - Brown (7.5YR5/4); Moist; Low to medium plasticity.	1.3	#3 Sand
					0.8	1st Temporary well set at 50'
50	GW-50	CL		(CL) 50'-57.5' Strong brown (7.5YR4/6); **Lean CLAY with GRAVEL**; Moist; Low plasticity; Angular grains; Trace fine grained sand.	1.1	3rd Temporary well water level (49.5')
					0.7	
55					0.8	Cement - 5% bentonite slurry
		ML		(ML) 57.5'-62.5' Brown (7.5YR5/4); **SILT with GRAVEL**; Wet; Soft; Angular grains; Few fine to medium grained sand.	0.3	
60					0.8	
		ML		(ML) 62.5'-67.5' Strong brown (7.5YR4/6); **SILT**; Wet; Stiff; Trace fine grained sand.	1.3	Hydrated bentonite

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TETRA TECH, INC.

WELL NUMBER U4U5-52

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 62.5'-67.5' Strong brown (7.5YR4/6); **SILT**; Wet; Stiff; Trace fine grained sand. *(continued)*	1.6	#3 Sand
		ML		(ML) 67.5'-70' Brown (7.5YR5/4); **GRAVELLY SILT**; Moist; Very stiff; Angular grains; Few fine to medium grained sand.	0.7	2nd Temporary well set at 70'
70	GW-70	ML		(ML) 70'-77.5' Brown (7.5YR4/4); **SILT with SAND**; Wet; Firm; Angular to subangular grains; Fine to medium grained sand; Trace gravel; Trace clay.	1.3	
		ML			1.4	
75		ML		Below 75' - Brown (7.5YR4/6); Moist; Soft; Fine grained sand.	0.4	Cement - 5% bentonite slurry
		SP		(SP) 77.5'-78' Strong brown (7.5YR3/6); **Poorly Graded SAND**; Wet; Loose; Angular grains; Medium grained sand.	0.2	
		CL		(CL) 78'-80' Brown (7.5YR5/4); **LEAN CLAY**; Moist; Very stiff; Medium plasticity.		
80		SM		(SM) 80'-81' Brown (7.5YR4/4); **SILTY SAND**; Wet; Loose; Rounded to subangular grains; Fine to medium grained sand.	0.6	
		ML		(ML) 81'-85' Strong brown (7.5YR4/6); **SILT**; Moist; Firm; Trace angular gravel; Trace fine grained sand.	0.8	Hydrated bentonite
85		CL		(CL) 85'-90' Brown (7.5YR4/4); **LEAN CLAY**; Moist; Stiff; Low plasticity.	0.1	#3 Sand
		CL			1.3	3rd Temporary well set at 90'
90	GW-90				0.2	

TETRA TECH, INC.

WELL NUMBER U4U5-53

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/7/16 **COMPLETED** 7/11/16
GROUND ELEVATION 1813.525 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717138.966
LOGGED BY B. Shams/W. Green **CHECKED BY** J. Walker
EASTING 828718.774
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SP-SM		(SP-SM) 1'-1.5' Light brown (7.5YR6/3); **Poorly Graded SAND with SILT**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.	1.1	
	SS-2.5	SP-SM		(SP-SM) 2.5'-3' Light brown (7.5YR6/3); **Poorly Graded SAND with SILT**; Dry; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel.	1.6	
5	SS-5	SP		(SP) 5'-5.5' Light brown (7.5YR6/3); **Poorly Graded SAND**; Dry; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel; Trace silt.	1	
	SS-7.5	SP		(SP) 7.5'-8' Light brown (7.5YR6/3); **Poorly Graded SAND**; Dry; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel; Trace silt.	1.3	
10				7.5'-12' **No Recovery**.		
	SS-12.5	SM		(SM) 12'-40' Brown (7.5YR4/3); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few fine to coarse gravel.	4.7	
15	SS-15				1.5	
	SS-17.5				0.6	
20	SS-20				0.5	Cement - 5% bentonite slurry
	SS-22.5				0.3	
25	SS-25			Below 25' - Moist.	0.1	
	SS-27.5				0.1	
30				Below 29' - Light gray (5YR7/1); Subangular to rounded grains; Trace fine gravel.		

(Continued Next Page)

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	SM		Below 29.5' - Grayish brown (10YR5/2). (SM) 12'-40' Brown (7.5YR4/3); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few fine to coarse gravel. *(continued)*	0.1	
	SS-32.5				0.1	
				Below 33.5' - Dark yellowish brown (10YR4/6).		1st Temporary well water level (36.1')
35	SS-35			Below 35' - Grayish brown (10YR5/2).	0.1	
	SS-37.5			Below 37.5' - Dark yellowish brown (10YR4/6).	0.1	2nd Temporary well water level (37')
40	SS-40			(ML) 40'-56' Brown (7.5YR4/4); **SILT**; Moist; Soft; Low plasticity; Trace fine grained sand.	0.2	
	SS-42.5				0.1	Hydrated bentonite
				Below 44' - Wet; Trace fine gravel.		
45	SS-45			Below 45' - Firm.	0	#3 Sand
		ML			0	1st Temporary well set at 50'
50	GW-50				0	
					0.6	
55					0.4	Cement - 5% bentonite slurry
		ML		(ML) 56'-58' Brown (7.5YR4/4); **SANDY SILT**; Wet; Soft; Rounded to subrounded grains; Fine grained sand.	0	
				(ML) 58'-64.5' Brown (7.5YR4/4); **SILT**; Wet; Soft; Low plasticity; Rounded to subrounded grains; Fine grained sand.		
60					0.1	
		ML			0	Hydrated bentonite

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TETRA TECH, INC.

WELL NUMBER U4U5-53

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		SM		(SM) 64.5'-67.5' Dark brown (7.5YR3/3); **SILTY SAND**; Wet; Medium dense; Subangular to subrounded grains; Medium to coarse grained sand; Trace clay.	0	#3 Sand
		ML		(ML) 67.5'-70' Brown (7.5YR4/4); **SILT**; Wet; Soft; Low plasticity; Few fine grained sand.	0.6	3rd Temporary well water level (67.3')
70	GW-70	ML		(ML) 70'-74' Brown (7.5YR4/4); **SANDY SILT**; Wet; Soft; Subangular to subrounded grains; Fine to medium grained sand; Trace clay.	0.4 0	2nd Temporary well set at 70'
75		ML		(ML) 74'-79' Brown (7.5YR4/4); **SILT**; Moist; Soft; Few subrounded, fine grained sand.	0.5 0.1	Cement - 5% bentonite slurry
80		SM		(SM) 79'-82.5' Dark brown (7.5YR3/3); **SILTY SAND**; Wet; Loose; Angular to subrounded grains; Fine to coarse grained sand.	0	
		ML		(ML) 82.5'-90' Brown (7.5YR4/4); **SANDY SILT**; Moist; Soft; Subangular to subrounded grains; Fine to medium grained sand.	0	Hydrated bentonite
85		ML			0	#3 Sand
		ML			0	3rd Temporary well set at 90'
90	GW-90	ML			0	

WELL NUMBER U4U5-54

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 7/1/16 **COMPLETED** 7/1/16
GROUND ELEVATION 1813.416 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717173.784
LOGGED BY B. Shams/J. Berjikian **CHECKED BY** J. Walker
EASTING 828852.732
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0-0.5' **ASPHALT**.		
	SS-1	SP-SM		(SP-SM) 1'-1.5' Light brown (7.5YR6/3); **Poorly Graded SAND with SILT**; Dry; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel.		
	SS-2.5	SP-SM		(SP-SM) 2.5'-3' Light brown (7.5YR6/3); **Poorly Graded SAND with SILT**; Dry; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel.		
5	SS-5	SM		(SM) 5'-5.5' Dark brown (7.5YR3/3); **SILTY SAND**; Moist from hydrovac; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel.		
	SS-7.5	SP		(SP) 7.5'-8' Dark brown (7.5YR3/3); **Poorly Graded SAND**; Moist from hydrovac; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel; Trace silt.		
10	SS-10	SP		(SP) 10'-10.5' Dark brown (7.5YR3/3); **Poorly Graded SAND**; Moist from hydrovac; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel; Trace silt.		
	SS-12.5	SW-SM		(SW-SM) 12'-15' Light olive brown (2.5YR5/6); **Well Graded SAND with SILT**; Dry; Loose; Fine to coarse grained sand; Trace gravel; Trace clay.	2	
15	SS-15	SW-SM		(SW-SM) 15'-18' Light olive brown (2.5YR5/6); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Fine to medium grained sand.	1.5	
	SS-17.5			Below 17.5' - Dark yellowish brown (10YR4/4).	1	
		SP		(SP) 18'-22.5' Dark yellowish brown (10YR4/4); **Poorly Graded SAND**; Dry; Loose; Fine to medium grained sand.		Cement - 5% bentonite slurry
20	SS-20			Below 20' - Dark yellowish brown (10YR4/6).	0.7	
	SS-22.5	ML		(ML) 22.5'-24' Yellowish brown (10YR5/4); **SILT**; Dry; Soft; Few fine grained sand.	0.5	
		CL		(CL) 24'-25' Yellowish brown (10YR5/4); **Lean CLAY**; Dry; Soft; Low to no plasticity.		
25	SS-25	ML		(ML) 25'-26' Dark yellowish brown (10YR4/4); **SILT**; Dry; Soft; Trace gravel; Trace fine grained sand.	0.2	
		CL		(CL) 26'-26.5' Dark yellowish brown (10YR4/6); **Lean CLAY**; Moist; Firm; Low plasticity; Trace fine grained sand.		
	SS-27.5	ML		(ML) 26.5'-30' Yellowish brown (10YR5/4); **SILT**; Moist; Soft; Trace fine grained sand.	0.4	
30				Below 29' - Dark yellowish brown (10YR4/6).		

(Continued Next Page)

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	ML		(ML) 30'-32.5' Yellowish brown (10YR5/4); **SILT**; Moist; Firm; Medium plasticity.	0.1	
	SS-32.5	CL		(CL) 32.5'-40' Yellowish brown (10YR5/4); **Lean CLAY**; Moist; Firm; Low plasticity; Trace gravel. Below 33' - Dark yellowish brown (10YR4/4).	0.3	
35	SS-35			Below 35' - Dark yellowish brown (10YR4/6); Firm to stiff; Medium plasticity.	0.1	2nd Temporary well water level (35.6')
	SS-37.5			Below 37' - Firm; Few medium grained sand; Trace gravel.	0.1	Hydrated bentonite
40		CL		(CL) 40'-42.5' Dark yellowish brown (10YR4/4); **Lean CLAY with SAND**; Moist; Stiff; Low plasticity; Trace fine grained sand.	0.1	#3 Sand
		CL		(CL) 42.5'-43' Yellowish brown (10YR5/4); **Lean CLAY with GRAVEL**; Moist; Stiff; Low plasticity; Angular gravel; Trace fine grained sand.	0	
45	GW-46.5	ML		(ML) 43'-53.5' Dark yellowish brown (10YR4/6); **SILT**; Moist; Soft; Trace gravel.	0.1	1st Temporary well water level (44') 1st Temporary well set at 46.5'
					0.1	
50					0.2	3rd Temporary well water level (50.2')
				Below 53' - Stiff; Few rounded, fine grained sand.	0.2	
		CL		(CL) 53.5'-60' Brown (10YR5/5); **Lean CLAY with SAND**; Moist; Stiff; Fine to medium grained sand; Low to no plasticity; Trace gravel.	0.1	Cement - 5% bentonite slurry
55					0.5	
60		CL		(CL) 60'-65' Brown (10YR4/6); **Lean CLAY with GRAVEL**; Moist; Stiff; Low to no plasticity; Trace rounded, fine grained sand.	2.2	
					0.8	Hydrated bentonite

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WELL NUMBER U4U5-54

TETRA TECH, INC.

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		CL				
		ML		(ML) 65'-69' Brown (10YR4/6); **SILT with SAND**; Moist; Stiff; Fine to medium grained sand; Trace gravel.	0.5	#3 Sand
					0.3	2nd Temporary well set at 70'
70	GW-70	SM		(SM) 69'-76' Dark brown (10YR3/6); **SILTY SAND**; Moist; Subangular to rounded grains; Fine to medium grained sand; Few gravel. Below 70' - Dark brown (10YR4/6); Wet; Angular to rounded grains; Trace gravel.	0.5	
					0.1	
75					0.5	Cement - 5% bentonite slurry
		ML SM		(ML) 76'-76.5' Dark yellowish brown (10YR4/4); **SILT**; Moist; Soft; Few rounded, fine grained sand.		
		CL		(SM) 76.5'-77' Dark yellowish brown (10YR3/6); **SILTY SAND**; Wet; Rounded grains; Fine grained sand.	0.4	
80				(CL) 77'-80' Yellowish brown (10YR5/4); **Lean CLAY**; Moist; Medium plasticity; Trace rounded, fine grained sand.		
		SP-SM		(SP-SM) 80'-81' Dark brown (10YR3/3); **Poorly Graded SAND with SILT**; Moist; Angular grains; Fine to medium grained sand.	0.8	
		ML		(ML) 81'-83' Dark yellowish brown (10YR4/6); **SILT**; Moist; Soft.		
		SP-SM ML		(SP-SM) 83'-83.5' Dark yellowish brown (10YR3/6); **Poorly Graded SAND with SILT**; Moist; Angular grains; Fine to medium grained sand; Trace gravel.	0.5	Hydrated bentonite
85				(ML) 83.5'-85' Dark yellowish brown (10YR4/6); **SILT**; Moist; Stiff; Few rounded, fine grained sand.	0.5	#3 Sand
		ML		(ML) 85'-90' Dark yellowish brown (10YR4/6); **SILT with SAND**; Moist; Stiff; Angular grains; Fine to medium grained sand; Trace gravel.	0.3	3rd Temporary well set at 90'
90	GW-90				0.5	

TETRA TECH, INC.

WELL NUMBER U4U5-55

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/9/16 **COMPLETED** 8/12/16
GROUND ELEVATION 1805.796 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717194.757
LOGGED BY J. Bunkers/M. Hearn **CHECKED BY** J. Walker
EASTING 828194.87
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-5' **CONCRETE**.		
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR5/3); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0	
	SS-7.5	SM		(SM) 7.5'-8' Brown (7.5YR5/3); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0	
10	SS-10	SM		(SM) 10'-10.5' Brown (7.5YR4/3); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel.	0.5	
	SS-12.5	SP		(SP) 12'-13' Brown (7.5YR4/3); **Poorly Graded SAND with GRAVEL**; Moist; Very loose; Subangular to subrounded grains; Medium to coarse grained sand; Trace silt; Gravel up to 3".	0.3	Cement - 5% bentonite slurry
15	SS-15	ML		(ML) 13'-15' White (5YR8/1); **SILT with SAND**; Dry; Loose with moderately cemented areas; Fine grained sand; Trace gravel.		
				(ML) 15'-35' Brown (7.5YR4/3); **SILT**; Moist; Soft; Trace fine grained sand; Trace clay.	0.3	
	SS-17.5				0.3	
20	SS-20				0.3	
				Below 21' - Reddish brown (5YR5/3); Wet; Firm.		
	SS-22.5	ML			0	
25	SS-25				0	
	SS-27.5				0.1	Hydrated bentonite
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	ML		(ML) 15'-35' Brown (7.5YR4/3); **SILT**; Moist; Soft; Trace fine grained sand; Trace clay. *(continued)*	0 0.2	#3 Sand 1st Temporary well water level (29.2') 2nd Temporary well water level (30.5') 1st Temporary well set at 35'
35	GW-35	CL		(CL) 35'-48' Brown (7.5YR5/4); **Lean CLAY**; Moist to wet; Firm; Low to medium plasticity; Caliche nodules; Trace fine grained sand.	0 0.5 0.2 0.1 0 0	Cement - 5% bentonite slurry
40						
45						
50		ML		(ML) 48'-58.5' Brown (7.5YR5/4); **SILT with SAND**; Wet; Firm; Fine grained sand; Low plasticity. Below 50' - Brown (7.5YR4/4).	0 0	3rd Temporary well water level (48.9') Hydrated bentonite
55				Below 56' - Fine to medium grained sand.	0 0	#3 Sand 2nd Temporary well set at 58.5'
60	GW-58.5	CL		(CL) 58.5'-63.5' Brown (7.5YR5/4); **Lean CLAY**; Moist; Firm; Medium plasticity; Caliche nodules; Trace fine grained sand.	0 0.1 0.1	
		ML				

(Continued Next Page)

TETRA TECH, INC.

WELL NUMBER U4U5-55

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 63.5'-65' Brown (7.5YR5/4); **SILT**; Moist; Firm; No plasticity; Few fine grained sand. *(continued)*	0	Cement - 5% bentonite slurry
		SW-SM		(SW-SM) 65'-66' Dark brown (7.5YR3/3); **Well Graded SAND with SILT**; Wet; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel.		
		SM		(SM) 66'-70' Brown (7.5YR5/5); **SILTY SAND**; Wet; Medium dense; Fine grained sand; Low plasticity.	0	
70						
		CL		(CL) 70'-74' Brown (7.5YR4/3); **Lean CLAY with SAND**; Wet; Firm; Medium plasticity; Fine to medium grained sand.	0	
					0	
75						Hydrated bentonite
		CL		(CL) 74'-82' Brown (7.5YR4/3); **Lean CLAY**; Moist; Firm to stiff; Low plasticity; Trace fine grained sand.	0	
					0	#3 Sand
80						3rd Temporary well set at 82'
					0	
	GW-82				0	

TETRA TECH, INC.

WELL NUMBER U4U5-56

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/4/16 **COMPLETED** 8/5/16
GROUND ELEVATION 1805.965 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717195.107
LOGGED BY J. Bunkers/ B. Shams **CHECKED BY** J. Walker
EASTING 828198.614
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-5' **CONCRETE**.		
5	SS-5	SW-SM		(SW-SM) 5'-5.5' Pinkish gray (10YR7/2); **Well Graded SAND with SILT**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Few gravel.	1.1	
	SS-7.5	SW-SM		(SW-SM) 7.5'-8' Pinkish gray (10YR7/2); **Well Graded SAND with SILT**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand; Few gravel.	1	
10	SS-10	SW-SM		(SW-SM) 10'-10.5' Pinkish gray (10YR7/2); **Well Graded SAND with SILT**; Dry; Loose; Angular to rounded sand; Fine to coarse grained sand; Few gravel.	10	
	SS-12.5	SM		(SM) 12'-14.5' Brown (7.5YR4/3); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand.	0.4	Cement - 5% bentonite slurry
15	SS-15			Below 14.5' - White chalky lens.		
				(ML) 15'-20' Brown (7.5YR5/4); **SILT with SAND**; Dry; Soft; Subangular grains; Fine to coarse grained sand.	0.4	
	SS-17.5	ML			0.5	
20	SS-20			(ML) 20'-42' Strong brown (7.5YR5/6); **SANDY SILT**; Moist; Angular grains; Fine to coarse grained sand; Low plasticity.	0.6	
	SS-22.5			Below 22' - Trace clay.	0.1	
25	SS-25	ML			0	
	SS-27.5				0	Hydrated bentonite
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	ML		(ML) 20'-42' Strong brown (7.5YR5/6); **SANDY SILT**; Moist; Angular grains; Fine to coarse grained sand; Low plasticity. *(continued)* Below 30' - Wet.	0	1st Temporary well water level (29.2')
					0	2nd Temporary well water level (29.4')
35	GW-35			Below 35' - Caliche nodules.	0	#3 Sand 1st Temporary well set at 35'
					0.6	
40					0.3	
		ML		(ML) 42'-55' Brown (7.5YR5/4); **SILT with SAND**; Moist; Firm; Low plasticity; Caliche nodules.	0.1	Cement - 5% bentonite slurry
45					0.3	
					0.2	3rd Temporary well water level (47.95')
50					0.4	Hydrated bentonite
					0.4	#3 Sand
55				55'-63' **No Recovery.**	0.2	2nd Temporary well set at 58'
	GW-58					
60						
		ML				

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TETRA TECH, INC.

WELL NUMBER U4U5-56

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 63'-67' Brown (7.5YR5/4); **SANDY SILT with GRAVEL**; Moist; Angular to subangular grains; Fine to coarse grained sand; Low plasticity. *(continued)*	0.6	Cement - 5% bentonite slurry
		SW		(SW) 67'-70' Very dark brown (7.5YR2.5/3); **Well Graded SAND with GRAVEL**; Moist; Loose; Angular to subangular grains; Fine to coarse grained sand; Trace silt.	0.4	
70		ML		(ML) 70'-72' Brown (7.5YR5/4); **SILT with SAND**; Moist; Firm; Angular to to subrounded grains; Fine to medium grained sand; Low plasticity.	0.3	
		CL		(CL) 72'-82' Brown (7.5YR4/3); **Lean CLAY with SAND**; Moist; Stiff; Fine grained sand; Medium plasticity.	0	
75					0	Hydrated bentonite
					0	#3 Sand
80					0	3rd Temporary well set at 82'
	GW-82			Below 81' - Caliche nodules.		

TETRA TECH, INC.

WELL NUMBER U4U5-57

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/15/16 **COMPLETED** 8/16/16
GROUND ELEVATION 1805.78 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717193.094
LOGGED BY J. Berjikian/M. Hearn **CHECKED BY** J. Walker
EASTING 828209.912
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-5' **CONCRETE**.		
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR5/4); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel.	0	
	SS-7.5	SM		(SM) 7.5'-8' Brown (7.5YR5/4); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel.	0.2	
10	SS-10	SM		(SM) 10'-10.5' Brown (7.5YR5/4); **SILTY SAND**; Moist; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel.		
	SS-12.5	SM		(SM) 12'-15' White (5YR8/1); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel.	2.7	Cement - 5% bentonite slurry
15	SS-15	ML		(ML) 15'-20' Brown (7.5YR4/3); **SANDY SILT**; Moist; Loose; Fine gained sand.	1.4	
	SS-17.5				1.1	
20	SS-20	SM		(SM) 20'-22.5' Brown (7.5YR5/4); **SILTY SAND**; Moist; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.9	
	SS-22.5	ML		(ML) 22.5'-58.5' Reddish brown (7.5YR4/3); **SILT**; Moist; Firm; No plasticity; Trace fine grained sand.	0.9	
25	SS-25				0.5	Hydrated bentonite 1st Temporary well water level (29')
	SS-27.5				0.3	
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30			(ML) 22.5'-58.5' Reddish brown (7.5YR4/3); **SILT**; Moist; Firm; No plasticity; Trace fine grained sand. *(continued)* Below 30' - Brown (7.5YR4/4); Moist to wet; Low plasticity.	0.4	#3 Sand
					0.1	1st Temporary well set at 35'
35	GW-35				0	
					0.7	2nd Temporary well water level (36')
						3rd Temporary well water level (38')
40					0.6	
					0.3	Cement - 5% bentonite slurry
		ML				
45					0.2	
					0.3	
50					0.2	Hydrated bentonite
					0.1	#3 Sand
55					0	2nd Temporary well set at 58.5'
	GW-58.5	SC		(SC) 58.5'-59' Brown (7.5YR5/3); **CLAYEY SAND**; Wet; Loose; Subangular to subrounded grains; Fine to medium grained sand.		
60		ML		(ML) 59'-60' Brown (7.5YR5/4); **SILT**; Moist; Firm; Trace fine grained sand.	1.1	
		SM		(SM) 60'-68' Brown (7.5YR5/4); **SILTY SAND**; Moist; Medium dense; Fine grained sand.	0.6	

NERT TEMPORARY WELLS - GINT STD US.GDT - 3/22/17 10:56 - P:\NERT\2016\SECOND MOBILIZATION\GINT LOGS\NERT - SECOND MOBILIZATION LOGS.GPJ

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TETRA TECH, INC.

WELL NUMBER U4U5-57

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		SM		(SM) 60'-68' Brown (7.5YR5/4); **SILTY SAND**; Moist; Medium dense; Fine grained sand. *(continued)*	0.7	Cement - 5% bentonite slurry
		SW-SM		(SW-SM) 68'-69' Brown (7.5YR2.5/5); **Well Graded SAND with SILT**; Wet; Very loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.5	
70		SM		(SM) 69'-72' Brown (7.5YR4/3); **SILTY SAND**; Wet; Medium dense; Fine grained sand.	0.3	
		CL		(CL) 72'-82' Brown (7.5YR4/4); **Lean CLAY**; Wet; Firm; Low to medium plasticity; Few fine grained sand.	0.3	
75					0.2	Hydrated bentonite
					0.2	#3 Sand
80					0.2	3rd Temporary well set at 82'
	GW-82				0.2	

WELL NUMBER U4U5-58

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/5/16 **COMPLETED** 8/9/16
GROUND ELEVATION 1805.757 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717217.18
LOGGED BY B. Shams/M. Hearn **CHECKED BY** J. Walker
EASTING 828332.619
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-5' **CONCRETE**.		
5	SS-5	SM		(SM) 5'-5.5' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel.	0.9	
	SS-7.5	SM		(SM) 7.5'-8' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel.	1.1	
10	SS-10	SW-SM		(SW-SM) 10'-10.5' **Well Graded SAND with SILT and GRAVEL**; Moist from hydrovac; Loose; Fine to coarse grained sand; Fine to coarse gravel; Trace cobble (maximum 20mm).	1.1	
	SS-12.5	SM		(SM) 12'-15' Pinkish white (7.5YR8/2); **SILTY SAND**; Dry; Very loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel (maximum 2").	1	Cement - 5% bentonite slurry
15	SS-15	ML		(ML) 15'-19' Reddish brown (5YR4/3); **SILT with SAND**; Moist; Soft; Fine to medium grained sand; Trace clay.	1.1	
	SS-17.5				0.9	
20	SS-20	SM		(SM) 19'-35' Brown (7.5YR4/3); **SILTY SAND**; Moist; Loose; Angular to subangular grains; Fine to coarse grained sand; Trace gravel (maximum 2").	0.8	
	SS-22.5			Below 22' - Brown (7.5YR4/4); Medium dense; Caliche nodules.	0.7	
25	SS-25				1	
	SS-27.5				0.8	Hydrated bentonite
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	SM		(SM) 19'-35' Brown (7.5YR4/3); **SILTY SAND**; Moist; Loose; Angular to subangular grains; Fine to coarse grained sand; Trace gravel (maximum 2"). *(continued)*	1.2 1.1	1st Temporary well water level (29.8') #3 Sand 2nd Temporary well water level (30.4')
35	GW-35	ML		(ML) 35'-43' Reddish brown (5YR4/3); **SILT**; Wet; Firm; Low to no plasticity; Trace fine grained sand.	0.9 0.5 0.1	1st Temporary well set at 35' 3rd Temporary well water level (38')
40		SC		(SC) 43'-45' Light brown (7.5YR6/4); **CLAYEY SAND**; Wet; Medium dense; Low to no plasticity; Fine to coarse grained sand; Trace gravel.	0.1	Cement - 5% bentonite slurry
45		ML		(ML) 45'-55' Reddish brown (5YR4/3); **SILT**; Wet; Firm; Low to no plasticity; Trace fine grained sand.	0.1 0 0 0	Hydrated bentonite #3 Sand
50						
55				55'-58.5' **No Recovery**.	0	2nd Temporary well set at 58.5'
60	GW-58.5	ML		(ML) 58.5'-70' Reddish brown (5YR4/3); **SILT**; Wet; Firm; Low to no plasticity; Trace fine grained sand.	1.1 1.5	

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TETRA TECH, INC.

WELL NUMBER U4U5-58

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 58.5'-70' Reddish brown (5YR4/3); **SILT**; Wet; Firm; Low to no plasticity; Trace fine grained sand. *(continued)*	1.7 1.8	Cement - 5% bentonite slurry
70		SP-SM		(SP-SM) 70'-75' Dark brown (7.5YR3/3); **Poorly Graded SAND with SILT**; Wet; Loose; Subangular to subrounded grains; Medium grained sand; Trace fine gravel.	1.9 1.8	
75		CL		(CL) 75'-82' Brown (7.5YR5/4); **Lean CLAY**; Wet; Very stiff to hard; Medium plasticity.	2.3	Hydrated bentonite #3 Sand
80	GW-82					3rd Temporary well set at 82'

WELL NUMBER U4U5-59

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/1/16 **COMPLETED** 8/4/16
GROUND ELEVATION 1805.923 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717217.92
LOGGED BY B. Shams/J. Thacker **CHECKED BY** J. Walker
EASTING 828347.051
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-5' **CONCRETE**.		
5	SS-5	SW-SM		(SW-SM) 5'-5.5' Light brown (7.5YR6/3); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Angular to rounded grains; Fine to coarse grained sand.		
	SS-7.5	SP-SM		(SP-SM) 7.5'-8' Light brown (7.5YR6/3); **Poorly Graded SAND with SILT**; Dry; Loose; Angular to rounded grains; Fine to medium grained sand; Few gravel.		
10	SS-10	SP-SM		(SP-SM) 10'-10.5' Light brown (7.5YR6/3); **Poorly Graded SAND with SILT**; Dry; Loose; Angular to rounded grains; Fine to medium grained sand; Few gravel.		
	SS-12.5	SP-SM		(SP-SM) 12'-15' Brown (7.5YR4/3); **Poorly Graded SAND with SILT**; Dry; Loose; Angular to rounded grains; Fine to medium grained sand; Few gravel.	0.8	Cement - 5% bentonite slurry
15	SS-15	SM		(SM) 15'-17' Light gray (7.5YR7/1); **SILTY SAND with GRAVEL**; Dry; Loose; Angular to rounded grains; Fine to medium grained sand; Trace gravel (maximum 2").	0.5	
	SS-17.5	SM		(SM) 17'-20' Brown (7.5YR4/3); **SILTY SAND with GRAVEL**; Moist; Loose; Angular to rounded grains; Fine to medium grained sand; Trace clay.	0	
20	SS-20	SM		(SM) 20'-22' Brown (7.5YR4/3); **SILTY SAND**; Moist; Loose; Subrounded to rounded grains; Fine grained sand; Trace gravel (maximum 2").	0	
	SS-22.5	ML		(ML) 22'-30' Brown (7.5YR4/3); **SILT**; Moist; Firm; Low plasticity; Trace fine grained sand.	0	
25	SS-25				0	
	SS-27.5				0	Hydrated bentonite 1st Temporary well water level (27.85')
30				Below 29.5' - Caliche nodules.	0.2	

(Continued Next Page)

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30			30'-35' **No Recovery.**		2nd Temporary well water level (29.9') #3 Sand
35	GW-35					1st Temporary well set at 35'
		CL		(CL) 35'-45' Strong brown (7.5YR5/6); **Lean CLAY**; Moist; Low plasticity; Few fine grained sand; Caliche nodules.	0.4	
40				Below 40' - Medium plasticity.	2.4	
					0.1	Cement - 5% bentonite slurry
45		ML		(ML) 45'-50' Strong brown (7.5YR5/6); **SILT**; Moist; Low to medium plasticity; Few fine grained sand.	0.1	
					0.4	
50		SM		Below 49.5' - Caliche nodules. (SM) 50'-55' Strong brown (7.5YR5/6); **SILTY SAND**; Wet; Subrounded to rounded grains; Fine to medium grained sand; Trace caliche gravel; Trace clay.	0.6	Hydrated bentonite
					0.8	#3 Sand
55		ML		(ML) 55'-60' Brown (7.5YR5/4); **SILT**; Moist; Firm; Low plasticity; Few fine grained sand.	0.3	3rd Temporary well water level (57.7')
	GW-58				0.6	2nd Temporary well set at 58'
60		CL		(CL) 60'-63' Brown (7.5YR5/4); **Lean CLAY**; Moist; Firm; Medium plasticity; Trace fine grained sand; Caliche nodules.	0.6	
		ML		(ML) 63'-70' Light brown (7.5YR6/4); **SILT**; Moist; Firm; Low plasticity; Trace fine grained sand; Caliche nodules.	0.8	

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TETRA TECH, INC.

WELL NUMBER U4U5-59

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 63'-70' Light brown (7.5YR6/4); **SILT**; Moist; Firm; Low plasticity; Trace fine grained sand; Caliche nodules. *(continued)*	0.9 0.9	Cement - 5% bentonite slurry
70		ML		(ML) 70'-71.5' Dark brown (7.5YR3/3); **GRAVELLY SILT**; Moist; Soft; Angular to subrounded grains; Few coarse grained sand.	0.7	
		CL		(CL) 71.5'-75' Brown (7.5YR5/4); **SANDY Lean CLAY**; Moist; Firm; Fine grained sand; Low plasticity. Below 73' - Caliche nodules.	0.2	
75		ML		(ML) 75'-77' Dark brown (7.5YR3/3); **GRAVELLY SILT**; Moist; Soft; Angular to subrounded grains; Few coarse grained sand.	0.2	Hydrated bentonite
		CL		(CL) 77'-82' Brown (7.5YR5/4); **Lean CLAY**; Dry; Stiff to very stiff; Low to medium plasticity; Trace fine grained sand; Caliche nodules.	0.2	#3 Sand
80	GW-82				0.1	3rd Temporary well set at 82'

TETRA TECH, INC.

WELL NUMBER U4U5-60

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/8/16 **COMPLETED** 8/12/16
GROUND ELEVATION 1805.614 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717351.282
LOGGED BY J. Bunkers **CHECKED BY** J. Walker
EASTING 828337.899
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **CONCRETE**.		
	SS-1	SM		(SM) 1'-1.5' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Moist; Loose; Angular to subrounded grains; Fine to coarse grained sand.	0.1	
	SS-2.5	SM		(SM) 2.5'-3' Brown (7.5YR5/3); **SILTY SAND**; Dry; Loose; Angular to subrounded grains; Fine to coarse grained sand.	0.1	
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR5/3); **SILTY SAND**; Dry; Loose; Angular to subrounded grains; Fine to coarse grained sand.	0.9	
	SS-7.5	SM		(SM) 7.5'-8' Dark brown (7.5YR4/3); **SILTY SAND with GRAVEL**; Moist; Loose; Angular to subangular grains; Fine to coarse grained sand.	0.1	
10	SS-10	SM		(SM) 10'-10.5' Dark brown (7.5YR4/3); **SILTY SAND with GRAVEL**; Moist; Loose; Angular to subangular grains; Fine to coarse grained sand.	0.1	
	SS-12.5	SM		(SM) 12'-25' Brown (7.5YR5/4); **SILTY SAND with GRAVEL**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand.	4.5	Cement - 5% bentonite slurry
15	SS-15				1.2	
	SS-17.5				0.9	
20	SS-20			Below 20' - Brown (7.5YR4/4).	0.8	
	SS-22.5				0.3	
25	SS-25			(ML) 25'-40' Pinkish gray (7.5YR7/2); **SILT**; Dry to moist; Soft; Medium plasticity; Trace angular to subangular gravel; Few fine grained sand.	0.3	
	SS-27.5	ML		Below 27' - Brown (7.5YR5/4).	0.1	Hydrated bentonite
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30			(ML) 25'-40' Pinkish gray (7.5YR7/2); **SILT**; Dry to moist; Soft; Medium plasticity; Trace angular to subangular gravel; Few fine grained sand. *(continued)*	0	1st Temporary well water level (30')
					0	#3 Sand
35	GW-35	ML		Below 35' - Strong brown (7.5YR5/6); Low to medium plasticity; Little fine grained sand.	0	2nd Temporary well water level (30.3')
					0.3	3rd Temporary well water level (32')
40						1st Temporary well set at 35'
		ML		(ML) 40'-45' Brown (7.5YR5/4); **SILT with GRAVEL**; Moist; Soft; Angular to subangular grains; Medium plasticity; Few fine to medium grained sand.	0.3	
45					1.1	Cement - 5% bentonite slurry
		ML		(ML) 45'-50' Strong brown (7.5YR5/6); **SILT**; Moist; Low to medium plasticity; Trace fine grained sand.	2.2	
50					0	
		ML		(ML) 50'-55' Brown (7.5YR5/4); **SILT with SAND**; Moist; Angular to subangular grains; Fine to medium grained sand; Medium plasticity; Trace gravel.	0.1	Hydrated bentonite
55					0	#3 Sand
		ML		(ML) 55'-58.5' Brown (7.5YR5/4); **SANDY SILT**; Moist; Firm; Fine grained sand; Low to medium plasticity; Trace subangular to subrounded gravel.	0	2nd Temporary well set at 58.5'
	GW-58.5				0	
60		CL		(CL) 58.5'-62' Strong brown (7.5YR5/6); **Lean CLAY**; Moist; Very stiff; Low plasticity.	0.2	
		CL		(CL) 62'-68' Brown (7.5YR5/6); **Lean CLAY with SAND**; Moist; Very stiff; Fine to medium grained sand; Trace gravel.	0.2	

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TETRA TECH, INC.

WELL NUMBER U4U5-60

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		CL		(CL) 62'-68' Brown (7.5YR5/6); **Lean CLAY with SAND**; Moist; Very stiff; Fine to medium grained sand; Trace gravel. *(continued)*	0	Cement - 5% bentonite slurry
					0	
		ML		(ML) 68'-71' Brown (7.5YR5/4); **SILT**; Moist; Soft; Trace fine to medium grained sand; Trace gravel.		
70					1.6	
		ML		(ML) 71'-71.5' Brown (7.5YR5/4); **SANDY SILT**; Moist; Soft; Angular to subangular grains; Fine to coarse grained sand; Trace gravel.		
		CL		(CL) 71.5'-74' Brown (7.5YR5/4); **Lean CLAY**; Moist; Firm; Low plasticity; Trace fine grained sand.	0	
		SM		(SM) 74'-75' Brown (7.5YR5/4); **SILTY SAND**; Moist; Loose; Angular to subangular grains; Fine to coarse grained sand; Trace gravel.		Hydrated bentonite
75		CL		(CL) 75'-77' Brown (7.5YR5/4); **Lean CLAY**; Moist; Stiff; Medium plasticity.	0.5	
		SW		(SW) 77'-77.5' Brown (7.5YR5/4); **Well Graded SAND**; Moist; Subangular to subrounded grains; Fine to medium grained sand.		#3 Sand
					0	
		CL		(CL) 77.5'-82' Brown (7.5YR5/4); **Lean CLAY**; Moist; Stiff; Medium plasticity.		
80						3rd Temporary well set at 82'
					0	
	GW-82				0	

TETRA TECH, INC.

WELL NUMBER U4U5-61

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/4/16 **COMPLETED** 8/30/16
GROUND ELEVATION 1805.463 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717305.007
LOGGED BY B. Shams/J. Berjikian **CHECKED BY** J. Walker
EASTING 828345.472
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-2.5' **CONCRETE**.		
	SS-2.5	SM		(SM) 2.5'-3' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.	1.3	
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR4/4); **SILTY SAND**; Moist from hydrovac; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.	1.4	
	SS-7.5	SM		(SM) 7.5'-8' Pinkish gray (7.5YR6/2); **SILTY SAND**; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel.	1.4	
10	SS-10	SM		(SM) 10'-10.5' Pinkish gray (7.5YR6/2); **SILTY SAND**; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel.	1.3	
	SS-12.5	SP-SM		(SP-SM) 12'-16' Brown (7.5YR5/4); **Poorly Graded SAND with SILT and GRAVEL**; Dry; Loose; Subrounded to subangular grains; Fine to coarse grained sand.	0.6	Cement - 5% bentonite slurry
15	SS-15				0	
				16'-19' **No Recovery**.		
20	SS-20			(SP-SM) 19'-29' Pinkish gray (7.5YR7/2); **Poorly Graded SAND with SILT and GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to medium grained sand.	2.4	
	SS-22.5	SP-SM			1.4	
25	SS-25			Below 25' - Light brown (7.5YR6/4).	0.5	Hydrated bentonite
	SS-27.5				0.5	
30		ML		(ML) 29'-35' Brown (7.5YR5/4); **SILT**; Moist; Soft to firm; Medium plasticity; Trace gravel		#3 Sand

(Continued Next Page)

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30				(ML) 29'-35' Brown (7.5YR5/4); **SILT**; Moist; Soft to firm; Medium plasticity; Trace gravel. *(continued)*	0.3	2nd Temporary well water level (29.5')
		ML		Below 33' - Caliche. Below 33.5' - No caliche.	0	1st Temporary well water level (30')
35	GW-34					1st Temporary well set at 34'
		ML		(ML) 35'-40' Brown (7.5YR4/3); **SILT with SAND**; Moist; Soft; Angular to subangular grains; Fine to coarse grained sand; Medium plasticity; Few gravel.	0.6 0	
40				(ML) 40'-50' Brown (7.5YR5/4); **SILT**; Moist; Soft; Medium plasticity; Trace subangular gravel; Trace fine grained sand.	0	
		ML			0 0 0	Cement - 5% bentonite slurry
45						
50				(ML) 50'-58' Brown (7.5YR5/4); **SILT with SAND**; Moist; Soft; Fine to medium grained sand; Trace gravel.	0	Hydrated bentonite
		ML			0	3rd Temporary well water level (53')
55				Below 55' - Strong brown (7.5YR5/6); Trace clay; No gravel.	0	#3 Sand
	GW-58				0	2nd Temporary well set at 58'
60				(ML) 58'-71' Brown (7.5YR5/4); **SILT with GRAVEL**; Moist; Soft to firm; Subangular to subrounded grains; Medium plasticity; Few fine to coarse grained sand.	0	
		ML			0	

(Continued Next Page)

TETRA TECH, INC.

WELL NUMBER U4U5-61

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 58'-71' Brown (7.5YR5/4); **SILT with GRAVEL**; Moist; Soft to firm; Subangular to subrounded grains; Medium plasticity; Few fine to coarse grained sand. *(continued)* Below 65' - Brown (7.5YR4/4).	0 0	Cement - 5% bentonite slurry
70		SW-SM		(SW-SM) 71'-72' Dark brown (7.5YR3/4); **Well Graded SAND with SILT**; Moist; Loose; Fine to coarse grained sand.	0	
		CL		(CL) 72'-82' Brown (7.5YR5/4); **Lean CLAY**; Moist; Stiff; Low plasticity.	0	
75				Below 75' - Very stiff.	0	Hydrated bentonite
					0	#3 Sand
80	GW-82				0 0	3rd Temporary well set at 82'

WELL NUMBER U4U5-62

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 8/5/16 **COMPLETED** 8/10/16
GROUND ELEVATION 1805.428 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717258.987
LOGGED BY B. Shams/M. Hearn **CHECKED BY** J. Walker
EASTING 828352.646
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-1' **CONCRETE**.		
	SS-1	SM		(SM) 1'-1.5' Light brownish (10YR6/2); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.	1.2	
	SS-2.5	SM		(SM) 2.5'-3' Light brownish (10YR6/2); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.	1.3	
5	SS-5	SM		(SM) 5'-5.5' Light brownish gray (10YR6/2); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.	1.1	
	SS-7.5	SM		(SM) 7.5'-8' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to coarse grained sand.	1.2	
10	SS-10	SM		(SM) 10'-10.5' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel.	1.2	
	SS-12.5			(SM) 12'-18.5' Reddish brown (5YR4/3); **SILTY SAND**; Moist; Loose; Subangular to subrounded grains; Fine to medium grained sand; Trace gravel.	3.2	Cement - 5% bentonite slurry
15	SS-15	SM			2	
	SS-17.5			Below 17' - Light gray (5YR7/1).	1.6	
				(ML) 18.5'-33' Reddish brown (5YR4/4); **SILT**; Moist; Soft; Few fine grained sand.		
20	SS-20				1.5	
	SS-22.5				1.4	
25	SS-25	ML			1.1	
	SS-27.5				0.7	Hydrated bentonite 1st Temporary well water level (28.9')
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	ML		(ML) 18.5'-33' Reddish brown (5YR4/4); **SILT**; Moist; Soft; Few fine grained sand. *(continued)*	0.2	2nd Temporary well water level (29.4') #3 Sand
		SM		(SM) 33'-34' Brown (7.5YR4/3); **SILTY SAND**; Wet; Medium dense; Subangular to subrounded grains; Fine to coarse grained sand; Caliche nodules.	0.7	
35	GW-35	ML		(ML) 34'-35' Brown (7.5YR5/4); **SILT with SAND**; Wet; Firm; Fine grained sand; Trace clay.	0	1st Temporary well set at 35'
		ML		(ML) 35'-37' Brown (7.5YR5/5); **SANDY SILT**; Moist to wet; Firm; Subangular to subrounded grains; Fine to medium grained sand.		
		ML		(ML) 37'-40' Brown (7.5YR5/4); **SILT with SAND**; Moist; Firm; Fine grained sand; Low plasticity.	0	
40		ML		(ML) 40'-55' Brown (7.5YR5/4); **SILT**; Moist to wet; Stiff; Trace fine grained sand; Caliche nodules.	0	Cement - 5% bentonite slurry
45					0	
					0	
50					0	Hydrated bentonite
					0	#3 Sand
55				55'-61' **No Recovery.**	0	3rd Temporary well water level (55')
	GW-58.5					2nd Temporary well set at 58.5'
60		CL		(CL) 61'-66' Brown (7.5YR5/5); **Lean CLAY**; Moist; Firm; Low to medium plasticity; Trace fine grained sand; Caliche nodules.	0.4	

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TETRA TECH, INC.

WELL NUMBER U4U5-62

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		CL		(CL) 61'-66' Brown (7.5YR5/5); **Lean CLAY**; Moist; Firm; Low to medium plasticity; Trace fine grained sand; Caliche nodules. *(continued)*	0.3	Cement - 5% bentonite slurry
		ML		(ML) 66'-70' Brown (7.5YR5/5); **SILT**; Moist; Firm; Few fine grained sand.	0	
70		SW-SM		(SW-SM) 70'-73' Strong brown (7.5YR4/6); **Well Graded SAND with SILT**; Wet; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.1	
					0	
75		CL		(CL) 73'-82' Brown (7.5YR4/3); **Lean CLAY**; Moist; Very stiff; Low plasticity; Trace fine grained sand.	0	Hydrated bentonite
					0	#3 Sand
80	GW-82				0	3rd Temporary well set at 82'

WELL NUMBER U4U5-63

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 10/25/16 **COMPLETED** 11/1/16
GROUND ELEVATION 1805.678 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 12"
DRILLING METHOD Sonic Drilling
NORTHING 26717328.932
LOGGED BY J. Berjikian **CHECKED BY** J. Walker
EASTING 828207.091
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **CONCRETE**.		
		SM		(SM) 1.5'-2' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Subangular grains; Fine to coarse grained sand; Few gravel.		
		SM		(SM) 2.5'-3' Light brown (7.5YR6/3); **SILTY SAND**; Dry; Loose; Subangular grains; Fine to coarse grained sand; Few gravel.		
5		SM		(SM) 5'-5.5' Brown (7.5YR4/2); **SILTY SAND**; Moist to wet from hydrovac; Loose; Subrounded grains; Fine to coarse grained sand; Few gravel.		
		SM		(SM) 7.5'-8' Brown (7.5YR4/2); **SILTY SAND**; Moist to wet from hydrovac; Loose; Subrounded grains; Fine to coarse grained sand; Few gravel.		
10		SM		(SM) 10'-10.5' Brown (7.5YR4/2); **SILTY SAND**; Moist to wet from hydrovac; Loose; Subrounded grains; Fine to coarse grained sand; Few gravel.		
		ML		(ML) 12'-16' Brown (7.5YR4/3); **SANDY SILT with GRAVEL**; Dry; Loose; Angular to subangular grains; Fine to coarse grained sand; Weakly cemented.	0.4	Cement - 5% bentonite slurry
15				Below 15' - Light Gray (7.5YR7/1).	0.2	
		ML		(ML) 16'-24' Light brown (7.5YR6/4); **SILT with SAND**; Dry; Soft; Subangular grains; Fine to medium grained sand; Trace gravel; Weakly cemented.	0.4	
20					0.2	
					0.2	
25		ML		(ML) 24'-33' Brown (7.5YR5/4); **SILT**; Moist; Stiff; Trace clay.	0	Hydrated bentonite
				Below 28' - Wet; Firm.	0.2	#3 Sand
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30				(ML) 24'-33' Brown (7.5YR5/4); **SILT**; Moist; Stiff; Trace clay. *(continued)* Below 30' - Caliche nodules; Trace fine grained sand.	0.1	1st Temporary well water level (30')
		ML				
	GW-33				0.2	1st Temporary well set at 33'
				33'-34' **No Recovery**.		
35				(ML) 34'-40' Brown (7.5YR5/4); **SILT**; Wet; Stiff; Low plasticity; Trace subangular caliche; Trace fine grained sand.	0.3	
		ML			0	
40	SS-40					
		ML		(ML) 40'-42.5' Brown (7.5YR5/4); **SILT with GRAVEL**; Wet; Stiff; Subangular grains; Moderately cemented; Low plasticity; Trace fine grained sand.	0	Cement - 5% bentonite slurry
				(ML) 42.5'-57.5' Brown (7.5YR5/4); **SILT**; Wet; Stiff; Low plasticity; Trace subangular caliche; Trace fine grained sand.	0	
45					0	3rd Temporary well water level (46.8')
					0	2nd Temporary well water level (49') Hydrated bentonite
50	SS-50	ML			0	
					0	#3 Sand
55				Below 55' - Medium plasticity; No gravel.	0.1	2nd Temporary well set at 57.5'
	GW-57.5					
		ML		(ML) 57.5'-59' Brown (7.5YR5/4); **SILT with SAND**; Wet; Stiff; Fine to medium grained sand; Strongly cemented; Medium plasticity; Trace angular gravel.	0	
60	SS-60	ML		(ML) 59'-61' Brown (7.5YR5/4); **SILT**; Wet; Stiff; Medium plasticity.	0	
		ML		(ML) 61'-65' Light brown (7.5YR6/3); **SILT with SAND**; Wet; Soft; Angular grains; Fine to coarse grained sand; Low plasticity; Trace caliche gravel.	0	

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML				
		ML		(ML) 65'-67' Brown (7.5YR5/4); **SILT**; Wet; Firm; Low plasticity.	0	Cement - 5% bentonite slurry
		SM		(SM) 67'-67.5' Brown (7.5YR5/4); **SILTY SAND**; Wet; Loose to medium dense; Fine grained sand; Low plasticity; Weakly cemented.	0.1	
		ML		(ML) 67.5'-70' Brown (7.5YR5/4); **SILT**; Wet; Stiff; Medium plasticity; Trace caliche gravel.		
70	SS-70	SM		(SM) 70'-72.5' Brown (7.5YR5/4); **SILTY SAND**; Wet; Loose; Angular to subangular grains; Fine to coarse grained sand; Low plasticity; Weakly cemented.	0	
	SS-72.5	ML		(ML) 72.5'-75' Brown (7.5YR5/4); **SILT**; Wet; Stiff; Medium plasticity.	0	
75		CL		(CL) 75'-90' Brown (7.5YR5/4); **Lean CLAY**; Wet; Very stiff; Low plasticity.		Hydrated bentonite #3 Sand
80	SS-80				0	3rd Temporary well set at 82'
	GW-82				0	
85					0	
					0.3	Cement - 5% bentonite slurry
90	SS-90	ML		(ML) 90'-94' Brown (7.5YR5/4); **SILT with SAND**; Wet; Loose; Angular grains; Fine to coarse grained sand; Low plasticity; Moderately cemented; Few gravel; Sand and gravel composed of caliche.	0	
					0	
95		CL		(CL) 94'-102' Brown (7.5YR5/4); **Lean CLAY**; Wet; Stiff; Low plasticity; Trace subangular gravel.	0.1	Hydrated bentonite #3 Sand
					0	

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
100	SS-100	CL		(CL) 94'-102' Brown (7.5YR5/4); **Lean CLAY**; Wet; Stiff; Low plasticity; Trace subangular gravel. *(continued)*	0	4th Temporary well water level (98.2')
	GW-102					4th Temporary well set at 102'
		ML		(ML) 102'-107.5' Light brown (7.5YR6/4) to brown (7.5YR5/4); **SILT**; Wet; Stiff; Medium plasticity; Trace angular caliche gravel.	0	
105					0	
		CL		(CL) 107.5'-112' Pink (7.5YR7/4); **Lean CLAY with GRAVEL**; Wet; Firm; Subangular gravel; Medium plasticity; Caliche nodules.	0	Cement - 5% bentonite slurry
110	SS-110				0	
		ML		(ML) 112'-122' Brown (7.5YR5/4); **SILT**; Wet; Firm; Medium plasticity; Trace subangular caliche gravel.	0	
115					0.1	Hydrated bentonite
						#3 Sand
					0	
120	SS-120				0	5th Temporary well water level (120')
	GW-122					5th Temporary well set at 122'
		CL		(CL) 122'-159' Brown (7.5YR5/4); **Lean CLAY**; Wet; Firm; Medium plasticity.		
125					0	
					0	Cement - 5% bentonite slurry
130	SS-130				0.2	

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
				Below 132.5' - Angular caliche nodules.	0	6th Temporary well water level (134')
135				(CL) 122'-159' Brown (7.5YR5/4); **Lean CLAY**; Wet; Firm; Medium plasticity. *(continued)*	0.1	Hydrated bentonite
						#3 Sand
					0	
140	SS-140				0	6th Temporary well set at 142'
	GW-142					
145		CL			0	
					0	
150	SS-150				0	
					0	
155					0	
					0	
160	SS-160			(ML) 159'-176' Brown (7.5YR5/4); **SILT**; Wet; Soft to firm; Medium plasticity.	0	
		ML		Below 162.5' - Trace caliche gravel.	0.1	Cement - 5% bentonite slurry
165				Below 165' - Very stiff; Low plasticity; No caliche.	0.2	

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
				(ML) 159'-176' Brown (7.5YR5/4); **SILT**; Wet; Soft to firm; Medium plasticity. *(continued)*	0.2	
170	SS-170			Below 170' - Firm; Medium plasticity.	0	
		ML		Below 172.5' - Very stiff; Trace caliche gravel.	0	
175					0	
		ML		(ML) 176'-177' Brown (7.5YR5/4); **SILT with GRAVEL**; Wet; Stiff; Angular caliche gravel; Low plasticity; Trace fine to coarse grained caliche sand.		
				(ML) 177'-195' Brown (7.5YR5/4); **SILT**; Wet; Very stiff; Medium plasticity; Trace caliche gravel.	0	
180	SS-180				0	
					0.2	
185					0.2	Hydrated bentonite
		ML				#3 Sand
					0	
190	SS-190					7th Temporary well water level (190')
	GW-192					7th Temporary well set at 192'
					0	
195				(ML) 195'-212' Brown (7.5YR5/4); **SILT with GRAVEL**; Wet; Firm; Angular grains; Low to medium plasticity; Trace fine to coarse grained sand.	0.1	
		ML			0	
200	SS-200				0	

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
		ML		(ML) 195'-212' Brown (7.5YR5/4); **SILT with GRAVEL**; Wet; Firm; Angular grains; Low to medium plasticity; Trace fine to coarse grained sand. *(continued)*	0.1	
205					1.2	
					0.1	
210	SS-210				0.2	
		CL		(CL) 212'-215' **Lean CLAY with GRAVEL**; Wet; Firm; Angular grains; Medium plasticity; Trace fine to coarse grained sand.	0.1	Cement - 5% bentonite slurry
215		ML		(ML) 215'-220' Brown (7.5YR4/4); **SILT**; Wet; Firm; Medium plasticity; Trace gravel.	0.4	
					0.4	
220	SS-220					8th Temporary well water level (219')
		ML		(ML) 220'-237' Brown (7.5YR4/4); **SILT with GRAVEL**; Wet; Stiff; Medium plasticity; Few fine to coarse grained sand; Moderately cemented.	0.4	
					0.4	
225					0.6	
					0.2	
230	SS-230			Below 229' - Strongly cemented.	0.7	
				Below 231' - Moderately cemented.	0.8	
235					0.4	Hydrated bentonite

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TETRA TECH, INC.

WELL NUMBER U4U5-63

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
		ML				#3 Sand
				(ML) 237'-242' Brown (7.5YR4/7); **SILT**; Wet; Firm; Medium plasticity; Few weakly cemented gravel.	0.4	
240	SS-240	ML			0.3 0.4	8th Temporary well set at 242'
	GW-242					

WELL NUMBER U4U5-64

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 11/11/16 **COMPLETED** 11/15/16
GROUND ELEVATION 1805.581 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 12"
DRILLING METHOD Sonic Drilling
NORTHING 26717349.183
LOGGED BY J. Berjikian **CHECKED BY** J. Walker
EASTING 828321.057
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **CONCRETE**.		
		SW		(SW) 1'-1.5' Dark brown (7.5YR3/3); **Well Graded SAND**; Dry; Loose; Subrounded grains; Fine to coarse grained sand; Few gravel.		
		SW		(SW) 2.5'-3' Brown (7.5YR5/3); **Well Graded SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel.		
5		SW		(SW) 5'-5.5' Brown (7.5YR4/3); **Well Graded SAND**; Dry; Loose; Subrounded grains; Fine to medium grained sand; Few gravel.		
		SW		(SW) 7.5'-8' Brown (7.5YR4/3); **Well Graded SAND**; Dry; Loose; Subrounded grains; Fine to medium grained sand; Few gravel.		
10		SW-SM		(SW-SM) 10'-10.5' Light brown (7.5YR6/3); **Well Graded SAND with SILT**; Dry; Loose; Subrounded grains; Fine to coarse grained sand; Few gravel.		
		SM		(SM) 12'-19' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Angular grains; Fine to coarse grained sand.	0.2	Cement - 5% bentonite slurry
15				Below 17.5' - Pinkish white (7.5YR8/2).	0.2	
		ML		(ML) 19'-22.5' Brown (7.5YR5/4); **SILT with SAND**; Dry; Soft; Rounded grains; Fine grained sand.	0.3	
20					0.2	
		ML		(ML) 22.5'-45' Strong brown (7.5YR5/4); **SILT**; Moist; Soft to firm; Medium plasticity.	0.3	
25					0.1	Hydrated bentonite
				Below 28' - Wet.		
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30			(ML) 22.5'-45' Strong brown (7.5YR5/4); **SILT**; Moist; Soft to firm; Medium plasticity. *(continued)*	0.3	#3 Sand
					0	1st Temporary well water level (30.1')
						1st Temporary well set at 35'
35	GW-35				0.3	
		ML			0	
40	SS-40				0	
				Below 42.5' - Trace caliche gravel.	0.1	Cement - 5% bentonite slurry
45						
				(GM) 45'-52.5' Strong brown (7.5YR5/6); **SILTY GRAVEL**; Wet, Loose; Angular to subangular grains; Few fine to coarse grained sand.	0.3	
		GM			0.6	
50	SS-50				0.7	Hydrated bentonite
		CL		(CL) 52.5'-55' Strong brown (7.5YR5/6); **Lean CLAY with SAND**; Wet; Firm; Fine to coarse grained caliche sand; Trace caliche gravel.	0.9	#3 Sand
55						
		ML		(ML) 55'-58.5' Strong brown (7.5YR5/6); **SILT**; Wet; Stiff; No plasticity.	0.3	2nd Temporary well water level (55')
	GW-58.5				0.1	2nd Temporary well set at 58.5'
60	SS-60	CL		(CL) 58.5'-62.5' Brown (7.5YR5/4); **Lean CLAY**; Wet; Stiff; Medium plasticity.	0	
		ML		(ML) 62.5'-65' Strong brown (7.5YR5/6); **SILT with SAND**; Wet; Subangular grains; Fine to coarse grained caliche sand; Low plasticity; Trace caliche gravel; Trace clay.	0.2	

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TETRA TECH, INC.

WELL NUMBER U4U5-64

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 65'-70' Brown (7.5YR4/3); **SILT**; Wet; Stiff; Medium plasticity; Trace fine grained sand.	0.1	Cement - 5% bentonite slurry
		ML			0.2	
70	SS-70			(SM) 70'-76' Brown (7.5YR5/4); **SILTY SAND**; Wet; Loose; Rounded to subrounded grains; Fine to medium grained sand.	0.1	
		SM			0.1	3rd Temporary well water level (72')
75						Hydrated bentonite
				(CL) 76'-85' Brown (7.5YR5/4); **Lean CLAY**; Wet; Very stiff; Low plasticity.		#3 Sand
80	SS-80	CL			0.2	3rd Temporary well set at 82'
	GW-82				0.2	
85				(ML) 85'-95' Brown (7.5YR5/4); **SILT**; Wet; Firm; Medium plasticity.	0.3	
					0.1	Cement - 5% bentonite slurry
90	SS-90	ML			0.1	
				Below 92.5' - Trace caliche gravel.	0.2	4th Temporary well water level (92')
95						Hydrated bentonite
				(CL) 95'-100' Brown (7.5YR5/4); **Lean CLAY**; Wet; Soft to firm; Medium plasticity.	0	
		CL			0	#3 Sand

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
100	SS-100	CL		(CL) 95'-100' Brown (7.5YR5/4); **Lean CLAY**; Wet; Soft to firm; Medium plasticity. *(continued)*		4th Temporary well set at 102'
		ML		(ML) 100'-102' Brown (7.5YR5/4); **SILT**; Wet; Firm; Medium plasticity; Trace caliche gravel.	0.1	
	GW-102	ML		(ML) 102'-104' Brown (7.5YR5/4); **SILT with GRAVEL**; Moderately cemented; Wet; Stiff; Low plasticity; Few fine to coarse grained sand; Sand and gravel are caliche.	0.1	
105		CL		(CL) 104'-113' Brown (7.5YR5/4); **Lean CLAY**; Wet; Firm; Medium plasticity; Trace gravel.	0.3	
					0.2	Cement - 5% bentonite slurry
110	SS-110				0.1	
					0	
115		ML		(ML) 113'-122' Brown (7.5YR5/4); **SILT with GRAVEL**; Wet; Firm; Angular to subangular grains; Low plasticity; Trace fine to medium grained sand; Sand and gravel are caliche.	0	Hydrated bentonite
					0.1	#3 Sand
120	SS-120				0.3	5th Temporary well water level (118.5')
	GW-122					5th Temporary well set at 122'
		ML		(ML) 122'-142' Strong brown (7.5YR5/6); **SILT**; Wet; Stiff; Medium plasticity; Trace gravel.	0.1	
125					0.7	
					2.2	Cement - 5% bentonite slurry
130	SS-130				2.2	

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TETRA TECH, INC.

WELL NUMBER U4U5-64

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
				(ML) 122'-142' Strong brown (7.5YR5/6); **SILT**; Wet; Stiff; Medium plasticity; Trace gravel. *(continued)*	1.4	
135					0.9	Hydrated bentonite #3 Sand
		ML			1.3	6th Temporary well water level (141.5')
140	SS-140				0.8	6th Temporary well set at 142'
	GW-142				1.3	

WELL NUMBER U4U5-65

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 11/3/16 **COMPLETED** 11/9/16
GROUND ELEVATION 1805.466 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 10"
DRILLING METHOD Sonic Drilling
NORTHING 26717226.108
LOGGED BY J. Berjikian **CHECKED BY** J. Walker
EASTING 828223.786
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **CONCRETE**.		
		SP-SM		(SP-SM) 1'-1.5' Dark brown (7.5YR3/3); **Poorly Graded SAND with SILT**; Dry; Loose; Subangular to rounded grains; Fine to medium grained sand; Few gravel.		
		SP-SM		(SP-SM) 2.5'-3' Brown (7.5YR4/3); **Poorly Graded SAND with SILT**; Dry; Loose; Subangular to rounded grains; Fine to medium grained sand; Few gravel.		
5		SM		(SM) 5'-5.5' Brown (7.5YR4/3); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to medium grained sand; Few gravel.		
		SM		(SM) 7.5'-8' Brown (7.5YR4/3); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to medium grained sand; Few gravel.		
10		SM		(SM) 10'-10.5' Brown (7.5YR4/3); **SILTY SAND**; Dry; Loose; Subangular to rounded grains; Fine to medium grained sand; Few gravel.		
		SM		(SM) 12'-15' White (7.5YR8/1); **SILTY SAND with GRAVEL**; Weakly cemented; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.2	Cement - 5% bentonite slurry
15				15'-17' **No Recovery.**	0.4	
		ML		(ML) 17'-20' Light brown (7.5YR6/4); **SILT with SAND**; Dry; Soft; Subangular to subrounded grains; Fine to coarse grained sand; Trace gravel; Trace clay.	0.3	
20		ML		(ML) 20'-22.5' Brown (7.5YR5/4); **SILT**; Dry; Soft; No plasticity; Few fine grained sand.	0.2	
		SM		(SM) 22.5'-26' Brown (7.5YR5/4); **SILTY SAND**; Weakly cemented; Dry; Subangular grains; Fine grained sand; Trace subangular gravel.	0.3	
25	SS-25				0.3	Hydrated bentonite 1st Temporary well water level (29') #3 Sand
		ML		(ML) 26'-33' Brown (7.5YR5/4); **SILT**; Wet; Firm; Low plasticity.	0.2	
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	ML		(ML) 26'-33' Brown (7.5YR5/4); **SILT**; Wet; Firm; Low plasticity. *(continued)* Below 30' - Trace caliche gravel; Trace fine to coarse grained caliche sand.	0.2	1st Temporary well set at 33'
	GW-33			(ML) 33'-52' Brown (7.5YR5/4); **SILT**; Wet; Stiff; Low plasticity; Trace angular gravel; Trace fine to medium grained sand.	0.2	
35					0.2	
				Below 37.5' - Medium plasticity.	0.3	
40	SS-40				0.3	Cement - 5% bentonite slurry
		ML			0.3	
45					0.2	
					0.2	2nd Temporary well water level (49.3')
50	SS-50				0.3	Hydrated bentonite
		ML		(ML) 52'-55' Brown (7.5YR5/4); **SILT with GRAVEL**; Weakly cemented; Wet; Stiff; Caliche gravel; Trace caliche sand.	0.2	#3 Sand
55						3rd Temporary well water level (54.5')
				(ML) 55'-65' Brown (7.5YR5/4); **SILT**; Wet; Stiff; Low plasticity; Trace fine to medium grained sand; Trace angular gravel.	0.2	
	GW-57.5					2nd Temporary well set at 57.5'
				Below 57.5' - Medium plasticity.	0.2	
60	SS-60	ML			0.2	
					0.2	

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML				
	SS-66	SM		(SM) 65'-69' Brown (7.5YR4/3); **SILTY SAND**; Weakly cemented; Wet; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Low plasticity; Trace gravel.	0.2 0.2	Cement - 5% bentonite slurry
70	SS-70	ML		(ML) 69'-75' Brown (7.5YR5/4); **SILT**; Wet; Stiff; Medium plasticity; Trace gravel.	0.2 0.2	
75		CL		(CL) 75'-82' Brown (7.5YR5/4); **Lean CLAY**; Wet; Very stiff; Low plasticity.	0.1 0.2	Hydrated bentonite #3 Sand
80	SS-80				0.3	3rd Temporary well set at 82'
	GW-82	CL		(CL) 82'-92' Brown (7.5YR5/4); **Lean CLAY with GRAVEL**; Weakly cemented; Wet; Very stiff; Caliche gravel; Trace fine to coarse grained caliche sand.	0 0	
85					0.1	Cement - 5% bentonite slurry
90	SS-90				0	
		ML		(ML) 92'-94' Brown (7.5YR5/4); **SILT with SAND**; Wet; Firm; Angular to subangular grains; Fine to coarse grained sand; Low plasticity; Trace gravel.	0.1	
95		CL		(CL) 94'-132' Brown (7.5YR5/4); **Lean CLAY**; Wet; Stiff; Medium plasticity.	0.1 0.1	Hydrated bentonite #3 Sand

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
100	SS-100			(CL) 94'-132' Brown (7.5YR5/4); **Lean CLAY**; Wet; Stiff; Medium plasticity. *(continued)*		
				Below 100' - Firm.	0.1	
	GW-103			Below 102' - Very stiff; Trace angular caliche gravel.	0	4th Temporary well water level (101.5')
105					0.6	4th Temporary well set at 103'
					0.3	Cement - 5% bentonite slurry
110	SS-110				0.2	
					0	
115		CL			0	Hydrated bentonite
				Below 117.5' - No caliche gravel.	0	#3 Sand
120	SS-120				0	5th Temporary well water level (121')
	GW-122			Below 122' - Low plasticity.	0.1	5th Temporary well set at 122'
125					0.3	
					0.2	Cement - 5% bentonite slurry
130	SS-130				0.1	
		CL				

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TETRA TECH, INC.

WELL NUMBER U4U5-65

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
135		CL		(CL) 132'-137.5' Brown (7.5YR5/4); **Lean CLAY with GRAVEL**; Wet; Soft to firm; Caliche gravel; Trace fine to medium caliche sand. *(continued)*	0.2 0.2	Hydrated bentonite #3 Sand
140	SS-140	CL		(CL) 137.5'-142' Brown (7.5YR5/4); **Lean CLAY**; Wet; Stiff; Low plasticity.	0.1 0 0	6th Temporary well water level (141.2') 6th Temporary well set at 142'
	GW-142					

WELL NUMBER U4U5-66

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 10/19/16 **COMPLETED** 10/26/16
GROUND ELEVATION 1805.629 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 10"
DRILLING METHOD Sonic Drilling
NORTHING 26717244.769
LOGGED BY W. Green **CHECKED BY** J. Walker
EASTING 828337.58
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-1' **CONCRETE**.		
		SW		(SW) 1.5'-2' Light brown (7.5YR6/3); **Well Graded SAND with GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel.		
		SW		(SW) 2.5'-3' Light brown (7.5YR6/3); **Well Graded SAND with GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel.		
5		SP		(SP) 5'-5.5' Brown (7.5YR4/3); **Poorly Graded SAND**; Dry; Loose; Subangular to subrounded grains; Fine to medium grained sand; Few gravel.		
		SW		(SW) 7.5'-8' Brown (7.5YR4/3); **Well Graded SAND with GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Fine to coarse gravel.		
10		SM		(SM) 10'-10.5' Dark brown (7.5YR3/4); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few fine to coarse gravel.		Cement - 5% bentonite slurry
		SM		(SM) 12'-15' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to medium grained sand. Below 13' - White (10YR8/1); Loose to medium dense; Angular to subrounded grains. Below 14' - Light gray (10YR7/2).	0.1	
15		SM		(SM) 15'-18.5' Dark yellowish brown (10YR4/4); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.1 0	
		ML		(ML) 18.5'-24' Dark yellowish brown (10YR4/4); **SILT with SAND**; Moist; Soft; Subrounded to rounded grains; Fine grained sand.	0 0	Hydrated bentonite
20		ML		(ML) 24'-52' Dark yellowish brown (10YR4/4); **SILT**; Moist; Soft; No plasticity; Trace rounded to subrounded, fine grained sand. Below 25' - Wet.	0 0	#3 Sand
25						1st Temporary well water
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30 GW-30			(ML) 24'-52' Dark yellowish brown (10YR4/4); **SILT**; Moist; Soft; No plasticity; Trace rounded to subrounded, fine grained sand. *(continued)*	0	level (28.7') 2nd Temporary well water level (28.8')
					0	1st Temporary well set at 30'
35					0.1	Cement - 5% bentonite slurry
					0.1	
40	SS-40	ML			0.2	3rd Temporary well water level (38.5')
					0	
45					0	
					0.1	Hydrated bentonite
50	SS-50				0.1	#3 Sand
		ML		(ML) 52'-56' Dark yellowish brown (10YR4/4); **SILT with SAND**; Moist; Soft; Subrounded to rounded grains; Fine to coarse grained sand; Few gravel.	0.1	2nd Temporary well set at 56'
55					0.1	
	GW-56	ML		(ML) 56'-59' Dark yellowish brown (10YR4/4); **SILT with GRAVEL**; Wet; Soft; Subangular to subrounded caliche gravel.	0.3	
60				59'-62.5' **No Recovery.**		
	SS-62.5	SM		(SM) 62.5'-74' Dark yellowish brown (10YR4/4); **SILTY SAND**; Wet; Medium dense; Rounded to subrounded grains; Fine to medium grained sand; Trace clay.	0.1	

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		SM		(SM) 62.5'-74' Dark yellowish brown (10YR4/4); **SILTY SAND**; Wet; Medium dense; Rounded to subrounded grains; Fine to medium grained sand; Trace clay. *(continued)*	0	Cement - 5% bentonite slurry
					0	
70	SS-70				0	
				Below 72' - Few subangular to subrounded gravel.	0	
		SP-SM		(SP-SM) 74'-75' Dark yellowish brown (10YR4/4); **Poorly Graded SAND with SILT**; Wet; Loose; Subangular to subrounded grains; Coarse grained sand; Few gravel.		
75	SS-75				0	Hydrated bentonite
		CL		(CL) 75'-82' Dark yellowish brown (10YR4/4); **Lean CLAY**; Wet; Stiff to very stiff; Medium plasticity.		#3 Sand
					0	
80	SS-80				0	3rd Temporary well set at 82'
	GW-82			82'-86' **No Recovery.**	0.1	
85					0	
		ML		(ML) 86'-87' Dark yellowish brown (10YR4/4); **SILT**; Wet; Soft to firm; Low plasticity.		
		CL		(CL) 87'-98' Dark yellowish brown (10YR4/4); **Lean CLAY**; Wet; Stiff; Low plasticity.	0.2	Cement - 5% bentonite slurry
90	SS-90				0	
				Below 92.5' - Trace subangular caliche nodules. Below 93' - Firm; No caliche.	0	
95					0	Hydrated bentonite
						#3 Sand
		CL			0.1	

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
100	SS-100	CL		(CL) 98'-101' Dark yellowish brown (10YR4/4); **Lean CLAY with GRAVEL**; Wet; Firm; Subangular caliche gravel; Low plasticity; Trace fine to coarse grained sand. *(continued)*	0.1	4th Temporary well water level (98')
	GW-102	CL		(CL) 101'-103.5' Dark yellowish brown (10YR4/4); **Lean CLAY**; Wet; Soft; Low plasticity; Trace fine grained sand.	0.1	4th Temporary well set at 102'
105	SS-105	SM		(SM) 103.5'-105' Dark yellowish brown (10YR4/4); **SILTY SAND**; Wet; Medium dense; Subangular to subrounded grains; Fine to coarse grained sand; No plasticity; Trace gravel; Trace clay.	0.2	
		CL		(CL) 105'-110' Dark yellowish brown (10YR4/4); **Lean CLAY**; Wet; Stiff to very stiff; Low plasticity.	0.1	5th Temporary well water level (106')
110	SS-110			Below 108.5' - Trace subangular caliche gravel; Trace fine grained sand.	0.2	Cement - 5% bentonite slurry
		ML		(ML) 110'-125' Dark yellowish brown (10YR4/4); **SILT**; Wet; Soft; Low plasticity; Trace subangular to subrounded caliche gravel; Trace fine grained sand.	0.2	
115				Below 114' - Firm; No caliche.	0.2	Hydrated bentonite
					0.2	#3 Sand
120	SS-120				0.1	5th Temporary well set at 122'
	GW-122				0	
125		CL		(CL) 125'-130' Dark yellowish brown (10YR4/4); **Lean CLAY**; Wet; Soft; Low plasticity.	0	
					0.2	Cement - 5% bentonite slurry
130	SS-130	ML		(ML) 130'-139' Dark yellowish brown (10YR4/4); **SILT**; Wet; Soft; Low plasticity.	0	6th Temporary well water level (130')

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TETRA TECH, INC.

WELL NUMBER U4U5-66

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
		ML		(ML) 130'-139' Dark yellowish brown (10YR4/4); **SILT**; Wet; Soft; Low plasticity. *(continued)*	0	
135					0	Hydrated bentonite
					0	#3 Sand
140	SS-140	CL		(CL) 139'-142' Dark yellowish brown (10YR4/4); **Lean CLAY**; Wet; Soft; Low plasticity.	0	6th Temporary well set at 142'
	GW-142				0	

TETRA TECH, INC.

WELL NUMBER U4U5-67

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 12/6/16 **COMPLETED** 12/8/16
GROUND ELEVATION 1812.949 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717609.294
LOGGED BY J. Souza/E.Peirce **CHECKED BY** J. Walker
EASTING 828747.605
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SP-SM		(SP-SM) 1'-1.5' Brown (7.5YR5/4); **Poorly Graded SAND with SILT**; Dry; Very loose; Subangular to rounded grains; Fine to medium grained sand; Trace gravel.	0.3	
	SS-2.5	SP-SM		(SP-SM) 2.5'-3' Brown (7.5YR5/4); **Poorly Graded SAND with SILT**; Dry; Very loose; Subangular to rounded grains; Fine to medium grained sand; Few gravel.	1.8	
5	SS-5	SW		(SW) 5'-5.5' Brown (7.5YR4/4); **Well Graded SAND**; Dry; Very loose; Subangular to rounded grains; Fine to coarse grained sand; Few gravel.	1	
	SS-7.5	SW		(SW) 7.5'-8' Brown (7.5YR5/4); **Well Graded SAND**; Dry; Very loose; Subangular to rounded grains; Fine to coarse grained sand; Few gravel; Trace silt.	1.1	
10	SS-10	SW		(SW) 10'-10.5' Brown (7.5YR5/4); **Well Graded SAND with GRAVEL**; Moist from hydrovac; Very loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace silt.	5.6	
	SS-12.5	SM		(SM) 12'-25' Brown (7.5YR5/4); **SILTY SAND with GRAVEL**; Moist; Loose; Subangular grains; Fine to coarse grained sand.	0	
15	SS-15				0.1	
	SS-17.5				0	Cement - 5% bentonite slurry
20	SS-20				0	
	SS-22.5				0.2	
25	SS-25			(SM) 25'-35' Brown (7.5YR5/4); **SILTY SAND**; Moist; Loose; Subangular grains; Fine to coarse grained sand.	0.4	
	SS-27.5	SM			0.3	
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30			(SM) 25'-35' Brown (7.5YR5/4); **SILTY SAND**; Moist; Loose; Subangular grains; Fine to coarse grained sand. *(continued)*	0.2	
	SS-32.5	SM			0	
35	SS-35			(ML) 35'-48' Brown (7.5YR5/4); **SILT with SAND**; Moist; Stiff; Fine grained sand.	0.3	
	SS-37.5			Below 38' - Wet.	0.2	Hydrated bentonite
40	SS-40				0.3	#3 Sand
		ML			0.1	1st Temporary well water level (40.8') 2nd Temporary well water level (41.7') 3rd Temporary well water level (43.5')
45	GW-45				0.7	1st Temporary well set at 45'
	SS-48	SM		(SM) 48'-48.5' Dark brown (7.5YR3/4); **SILTY SAND**; Wet; Subangular to angular grains; Fine to coarse grained sand.	0.1	
50	SS-50			(ML) 48.5'-55' Brown (7.5YR5/4); **SILT with SAND**; Wet; Stiff; Fine grained sand.	0.2	
		ML			0.2	Cement - 5% bentonite slurry
55				(ML) 55'-68' Brown (7.5YR5/4); **SILT with SAND**; Wet; Very stiff; Fine grained sand; Low to no plasticity.	0.1	
					0.5	
60	SS-60	ML			0.8	Hydrated bentonite
					0	#3 Sand

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TETRA TECH, INC.

WELL NUMBER U4U5-67

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 55'-68' Brown (7.5YR5/4); **SILT with SAND**; Wet; Very stiff; Fine grained sand; Low to no plasticity. *(continued)*	0.7	2nd Temporary well set at 67.5'
	GW-67.5				0.1	
70	SS-70	ML		(ML) 68'-81' Brown (7.5YR5/4); **SILT**; Wet; Stiff; Medium plasticity; Few fine grained sand.	0.1	
					0.2	
75					0.6	Cement - 5% bentonite slurry
					0.2	
80	SS-80				0.3	
		ML		(ML) 81'-84' Brown (7.5YR5/4); **SILT with SAND**; Wet; Stiff, No plasticity.	0.2	Hydrated bentonite
85		ML		(ML) 84'-90' Brown (7.5YR5/4); **SILT**; Wet; Very stiff; Low plasticity; Few fine grained sand.	0.3	#3 Sand
					0.2	3rd Temporary well set at 90'
90	SS-90 GW-90				0.1	

TETRA TECH, INC.

WELL NUMBER U4U5-68

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 12/13/16 **COMPLETED** 12/19/16
GROUND ELEVATION 1812.589 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 10"
DRILLING METHOD Sonic Drilling
NORTHING 26717382.929
LOGGED BY J. Souza/W. Green **CHECKED BY** J. Walker
EASTING 828830.284
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SW		(SW) 1'-1.5' Strong brown (7.5YR5/6); **Well Graded SAND**; Dry; Very loose; Subangular to rounded grains; Fine to coarse grained sand; Trace subangular to subrounded gravel; Trace silt.	0.1	
	SS-2.5	SW		(SW) 2.5'-3' Strong brown (7.5YR5/6); **Well Graded SAND**; Dry; Very loose; Subangular to subrounded grains; Fine to coarse grained sand; Few silt; Trace gravel.	0.2	
5	SS-5	SW		(SW) 5'-5.5' Brown (7.5YR4/4); **Well Graded SAND**; Dry; Very loose; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel; Trace silt.	0.1	
	SS-7.5	SW		(SW) 7.5'-8' Strong brown (7.5YR5/6); **Well Graded SAND**; Dry; Very loose; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel; Few silt.	0.1	
10	SS-10	SW		(SW) 10'-10.5' Light brown (7.5YR6/4); **Well Graded SAND with GRAVEL**; Dry; Very loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.1	
	SS-12.5	SW-SM		(SW-SM) 12'-25' Brown (7.5YR5/4); **Well Graded SAND with SILT and GRAVEL**; Dry; Loose; Angular to subrounded grains; Fine to coarse grained sand.	0.1	Cement - 5% bentonite slurry
15	SS-15				0	
	SS-17.5				0.1	
20	SS-20				0.1	
	SS-22.5				0	
25	SS-25				0	
	SS-27.5	SW		(SW) 25'-36' Brown (7.5YR5/4); **Well Graded SAND with GRAVEL**; Dry; Loose; Angular to subrounded grains; Fine to coarse grained sand; Trace silt.	0	
30						

NERT TEMPORARY WELLS - GINT STD US.GDT - 3/22/17 10:56 - P:\NERT\2016\SECOND MOBILIZATION\GINT LOGS\NERT - SECOND MOBILIZATION LOGS.GPJ

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	SW		(SW) 25'-36' Brown (7.5YR5/4); **Well Graded SAND with GRAVEL**; Dry; Loose; Angular to subrounded grains; Fine to coarse grained sand; Trace silt. *(continued)*	0.1	
	SS-32.5				0.1	
35	SS-35				1.4	
	SS-37.5	ML		(ML) 36'-40' Brown (7.5YR4/4); **SANDY SILT**; Dry; Soft; Rounded grains; Fine grained sand; Trace gravel.	0	Hydrated bentonite
40	SS-40	SM		(SM) 40'-45' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Wet; Medium dense; Subangular to subrounded grains; Fine to coarse grained sand; Caliche gravel.	0	1st Temporary well water level (38')
					0.2	#3 Sand
45	GW-45	ML		(ML) 45'-51' Brown (7.5YR4/4); **SILT**; Wet; Firm; Low plasticity; Trace fine grained sand.	0	1st Temporary well set at 45'
					0.2	
50	SS-50				0	
		ML		(ML) 51'-55' Brown (7.5YR4/4); **SILT with GRAVEL**; Wet; Firm; Subangular grains; Trace fine grained sand.	0	Cement - 5% bentonite slurry
55		CL		(CL) 55'-60' Light brown (7.5YR6/4); **Lean CLAY with GRAVEL**; Wet; Soft; Subangular to subrounded grains; Low plasticity; Caliche gravel; Trace fine to coarse grained sand.	0	
					0.2	2nd Temporary well water level (57')
60	SS-60	ML		(ML) 60'-72.5' Light brown (7.5YR6/4); **SILT**; Wet; Firm; Low plasticity; Trace fine grained sand.	0	Hydrated bentonite
					0.2	#3 Sand

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		ML		(ML) 60'-72.5' Light brown (7.5YR6/4); **SILT**; Wet; Firm; Low plasticity; Trace fine grained sand. *(continued)*	0	4th Temporary well water level (64.3')
	GW-67.5			Below 67.5' - Trace caliche nodules.	0	3rd Temporary well water level (65.3')
70	SS-70			Below 69' - No caliche nodules.	0.2	2nd Temporary well set at 67.5'
		SM		(SM) 72.5'-73.5' Brown (7.5YR4/4); **SILTY SAND**; Wet; Medium dense; Rounded grains; Fine grained sand; Some low plasticity clay.	0.1	
75		CL		(CL) 73.5'-75' Brown (7.5YR4/4); **Lean CLAY with SAND**; Wet; Soft; Rounded grains; Fine grained sand; Low plasticity.		Cement - 5% bentonite slurry
		SC		(SC) 75'-80' Brown (7.5YR4/4); **CLAYEY SAND**; Wet; Medium dense; Rounded grains; Fine grained sand; Low plasticity.	0.1	
80	SS-80				0.2	
		CL		(CL) 80'-82.5' Brown (7.5YR4/4); **SANDY Lean CLAY**; Wet; Soft; Rounded grains; Fine grained sand; Low plasticity.	0.2	
		CL		(CL) 82.5'-107.5' Brown (7.5YR4/4); **Lean CLAY**; Wet; Firm; Low plasticity; Trace fine grained sand.	0.3	Hydrated bentonite
85					0.2	#3 Sand 5th Temporary well water level (85.5')
				Below 88' - Stiff.	0.2	
90	SS-90 GW-90				0.2	3rd Temporary well set at 90'
					0	
95					0	Cement - 5% bentonite slurry
				Below 97.5' - Very soft; No plasticity.	0.1	

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
100	SS-100	CL		(CL) 82.5'-107.5' Brown (7.5YR4/4); **Lean CLAY**; Wet; Firm; Low plasticity; Trace fine grained sand. *(continued)*	0.1	6th Temporary well water level (98.3')
					0.1	Hydrated bentonite
105				Below 105' - Stiff; Low plasticity.	0	#3 Sand
				(CL) 107.5'-120' Brown (7.5YR4/4); **Lean CLAY with SAND**; Wet; Stiff; Rounded grains; Fine grained sand; Low plasticity.	0	4th Temporary well set at 110'
110	SS-110 GW-110				0	
		CL			0.2	
115					0.3	Cement - 5% bentonite slurry
					0.2	
120	SS-120				0.1	
		ML		(ML) 120'-127' Brown (7.5YR5/4); **SILT with SAND**; Wet; Stiff; Subangular to subrounded grains; Fine to coarse grained sand. Below 122' - Brown (7.5YR4/4); Rounded grains; Fine grained sand.	0	Hydrated bentonite
125					0	#3 Sand
		CL		(CL) 127'-130' Brown (7.5YR4/4); **Lean CLAY with SAND**; Wet; Very stiff; Rounded grains; Fine grained sand; Medium plasticity.	0	5th Temporary well set at 130'
130	SS-130 GW-130	CL		(CL) 130'-150' Brown (7.5YR4/4); **Lean CLAY**; Wet; Stiff; Low plasticity; Trace fine grained sand.	0	

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TETRA TECH, INC.

WELL NUMBER U4U5-68

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
135		CL		(CL) 130'-150' Brown (7.5YR4/4); **Lean CLAY**; Wet; Stiff; Low plasticity; Trace fine grained sand. *(continued)*	1.1	
					1	Cement - 5% bentonite slurry
					1.2	
140	SS-140				0.7	
					1.1	Hydrated bentonite
145					1	#3 Sand
					1.2	6th Temporary well set at 150'
150	SS-150 GW-150				1.4	

WELL NUMBER U4U5-69

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 11/9/16 **COMPLETED** 11/28/16
GROUND ELEVATION 1813.146 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717160.221
LOGGED BY J. Berjikian/E. Peirce **CHECKED BY** J. Walker
EASTING 828085.32
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SM		(SM) 1'-1.5' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.1	
	SS-2.5	SM		(SM) 2.5'-3' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.1	
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.1	
	SS-7.5	SM		(SM) 7.5'-8' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	0	
10	SS-10	SM		(SM) 10'-10.5' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	0.1	
	SS-12.5	SM		(SM) 12'-15' Brown (7.5YR5/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand.	0	
15	SS-15			15'-17.5' **No Recovery.**	0.3	Cement - 5% bentonite slurry
	SS-17.5	SM		(SM) 17.5'-20' Light gray (7.5YR7/1); **SILTY SAND with GRAVEL**; Dry; Loose; Fine to coarse grained sand.	0.3	
20	SS-20			(SM) 20'-25' Brown (7.5YR5/4); **SILTY SAND**; Dry; Loose; Fine grained sand; Trace subrounded gravel.	0.2	
	SS-22.5	SM			0.2	
25	SS-25			25'-34' **No Recovery.**	0	
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30				25'-34' **No Recovery.** *(continued)*		Hydrated bentonite
35	SS-35			(ML) 34'-90' Brown (7.5YR5/4); **SILT**; Wet; Soft to firm; Low plasticity.	0.1	#3 Sand 1st Temporary well water level (35.2')
					0.1	2nd Temporary well water level (36.8')
40	GW-40				0.2	3rd Temporary well water level (38')
					0	1st Temporary well set at 40'
45					0	
					0	Cement - 5% bentonite slurry
		ML				
50	SS-50				0	
					0	
55				Below 55' - Caliche nodules. Below 55.5' - No caliche nodules.	0	
					0	Hydrated bentonite
60	SS-60				0	#3 Sand
					0	2nd Temporary well set at 65'

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TETRA TECH, INC.

WELL NUMBER U4U5-69

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65	GW-65			(ML) 34'-90' Brown (7.5YR5/4); **SILT**; Wet; Soft to firm; Low plasticity. *(continued)*	0	
				Below 67.5' - Low to medium plasticity; Caliche nodules; Trace fine grained sand.	0	
70	SS-70			Below 70' - No caliche nodules.	0	
					0	Cement - 5% bentonite slurry
75					0	
		ML			0	
80	SS-80			Below 80' - Medium plasticity.	0	
					0	Hydrated bentonite
85					0	#3 Sand
					0	3rd Temporary well set at 90'
90	SS-90 GW-90			Below 89' - Low to no plasticity.	0	

TETRA TECH, INC.

WELL NUMBER U4U5-70

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 11/10/16 **COMPLETED** 12/5/16
GROUND ELEVATION 1813.71 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 10"
DRILLING METHOD Sonic Drilling
NORTHING 26717049.513
LOGGED BY E. Peirce **CHECKED BY** J. Walker
EASTING 828298.995
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SM		(SM) 1'-1.5' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular grains; Fine to coarse grained sand.	0.1	
	SS-2.5	SM		(SM) 2.5'-3' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular grains; Fine to coarse grained sand.	0.1	
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular grains; Fine to coarse grained sand.	0.2	
	SS-7.5	SM		(SM) 7.5'-8' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular grains; Fine to coarse grained sand.	0.1	
10	SS-10	SM		(SM) 10'-10.5' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular grains; Fine to coarse grained sand.	0.2	
	SS-12.5	SM		(SM) 12'-15' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Moist; Loose; Angular grains; Fine to coarse grained sand.	0.2	
15	SS-15			(ML) 15'-20' Brown (7.5YR4/4); **SANDY SILT**; Moist; Fine to medium grained sand; Low to no plasticity; Trace gravel.	0.1	Cement - 5% bentonite slurry
	SS-17.5	ML			0	
20	SS-20	ML		(ML) 20'-21' Brown (7.5YR4/4); **SILT with SAND**; Moist; Fine to medium grained sand; Low to no plasticity.	0.1	
	SS-22.5			(ML) 21'-64' Brown (7.5YR4/4); **SILT**; Moist; Firm; Low plasticity; Few fine grained sand.	0	
25	SS-25	ML			0	
	SS-27.5			Below 27.5' - Trace fine grained sand.	0.1	
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30			(ML) 21'-64' Brown (7.5YR4/4); **SILT**; Moist; Firm; Low plasticity; Few fine grained sand. *(continued)*	0.1	Hydrated bentonite
	SS-32.5			Below 32.5' - Wet; No sand.	0	1st Temporary well water level (32.2') #3 Sand
35				Below 35' - Caliche nodules.	0.1	1st Temporary well set at 38'
	GW-38				0	
40	SS-40			Below 40' - Stiff; Trace fine grained sand.	0	
					0	
45					0.1	2nd Temporary well water level (44.15')
		ML		Below 46' - No sand.	0.1	Cement - 5% bentonite slurry
				Below 48' - Caliche nodules.	0	
50	SS-50			Below 50' - No caliche.	0.1	
					0.1	
55				Below 54' - Caliche nodules.	0	
				Below 56' - No caliche.	0.2	Hydrated bentonite
					0.1	
60	SS-60				0	3rd Temporary well water level (59.3') #3 Sand
					0.1	2nd Temporary well set at 65'
	SS-64					

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65	GW-65	SM		(SM) 64'-65' Strong brown (7.5YR4/6); **SILTY SAND**; Wet; Dense; Subangular grains; Fine to medium grained sand. *(continued)*	0	
		SM		(ML) 65'-70' Brown (7.5YR4/4); **SILT**; Wet; Stiff; Low plasticity.	0	
		ML			0.2	
70	SS-70					
		ML		(ML) 70'-72' Brown (7.5YR4/4); **SILT with SAND**; Wet; Stiff; Fine to medium grained sand; No plasticity.	0.1	
		ML		(ML) 72'-76' Brown (7.5YR4/4); **SILT**; Wet; Stiff; Low plasticity.	0.1	Cement - 5% bentonite slurry
75					0	
		CL		(CL) 76'-93.5' Brown (7.5YR4/4); **Lean CLAY**; Wet; Very stiff; Medium plasticity.	0.1	
					0	4th Temporary well water level (78.6')
80	SS-80			Below 80' - Caliche nodules.	0.1	
				Below 82' - No caliche.	0	Hydrated bentonite
85					0.1	#3 Sand
					0	
					0	3rd Temporary well set at 90'
90	SS-90 GW-90			Below 90' - Small caliche nodules.	0.1	
					0.1	
		SM		(SM) 93.5'-95' Light brown (7.5YR6/4); **SILTY SAND**; Wet; Dense; Subangular grains; Fine grained sand.	0	
95	SS-95					
		CL		(CL) 95'-124' Brown (7.5YR4/4); **Lean CLAY**; Wet; Very stiff; Medium plasticity.	0	Cement - 5% bentonite slurry
					0.2	

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
100	SS-100			(CL) 95'-124' Brown (7.5YR4/4); **Lean CLAY**; Wet; Very stiff; Medium plasticity. *(continued)*	0.1	
					0.1	Hydrated bentonite
				Below 102.5' - Caliche nodules.		
				Below 104' - No caliche.	0.3	
105						#3 Sand
					0	
					0	4th Temporary well set at 110'
110	SS-110 GW-110				0.1	
		CL		Below 111' - Caliche nodules. Below 111.5' - No caliche.	0	5th Temporary well water level (112.8')
115					0.3	
				Below 116' - Low to no plasticity.	0.2	Cement - 5% bentonite slurry
					0	
120	SS-120				0.1	
					0.2	Hydrated bentonite
				(ML) 124'-132' Pinkish gray (7.5YR6/2); **SANDY SILT**; Wet; Soft; Fine grained sand; No plasticity.	0.1	
125	SS-125				0.1	#3 Sand
					0	
		ML		Below 128' - Caliche nodules.	0.2	5th Temporary well set at 130'
130	SS-130 GW-130			Below 130' - No caliche.	0.3	
		CL			0	

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TETRA TECH, INC.

WELL NUMBER U4U5-70

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
135				(CL) 132'-150' Brown (7.5YR4/4); **Lean CLAY**; Wet; Very stiff; Low to medium plasticity. *(continued)*	0	6th Temporary well water level (135.4')
				Below 136' - Cemented caliche nodules. Below 136.5' - No caliche.	0.1	Cement - 5% bentonite slurry
					0.1	
140	SS-140	CL			0	
					0.2	Hydrated bentonite
145					0	#3 Sand
					0.1	
					0	6th Temporary well set at 150'
150	SS-150 GW-150				0.1	

TETRA TECH, INC.

WELL NUMBER U4U5-71

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 11/10/16 **COMPLETED** 11/22/16
GROUND ELEVATION 1813.058 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717195.435
LOGGED BY J. Berjikian/W. Green **CHECKED BY** J. Walker
EASTING 828465.529
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SM		(SM) 1'-1.5' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular grains; Fine to coarse grained sand.	0.1	
	SS-2.5	SM		(SM) 2.5'-3' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular grains; Fine to coarse grained sand.	0.1	
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular grains; Fine to coarse grained sand.	0.2	
	SS-7.5	SM		(SM) 7.5'-8' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular grains; Fine to coarse grained sand.	0.2	
10	SS-10	SM		(SM) 10'-10.5' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular grains; Fine to coarse grained sand.	0.2	
	SS-12.5			(SM) 12'-20' Light brown (7.5YR6/3); **SILTY SAND with GRAVEL**; Weakly cemented; Dry; Loose; Subrounded grains; Fine to medium grained sand.	0.1	
15	SS-15	SM			0	Cement - 5% bentonite slurry
	SS-17.5				0.1	
20	SS-20			(ML) 20'-27.5' Light brown (7.5YR6/4); **SILT with SAND**; Dry; Soft; Subrounded grains; Fine to medium grained sand; Trace gravel.	0	
	SS-22.5	ML			0.1	
25	SS-25			Below 25' - Brown (7.5YR5/4); Wet.	0	
				27.5'-34' **No Recovery.**	0	
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30			27.5'-34' **No Recovery.** *(continued)*		Hydrated bentonite
35	SS-35	ML		(ML) 34'-40' Strong brown (7.5YR5/6); **SILT with SAND**; Wet; Soft; Fine to coarse grained sand; Few gravel; Trace clay. Below 37' - Caliche gravel. Below 37.5' - No caliche gravel.	0.3 0.1	#3 Sand 1st Temporary well water level (35.2') 3rd Temporary well water level (36.9')
40	GW-40			(ML) 40'-73' Strong brown (7.5YR5/6); **SILT**; Wet; Soft; Low plasticity; Few subangular caliche gravel; Trace fine to medium grained caliche sand.	0.1 0.2	2nd Temporary well water level (37.4') 1st Temporary well set at 40'
45					0.1	
50					0 0	Cement - 5% bentonite slurry
55		ML			0.1 0	
60	SS-60			Below 60' - Brown (7.5YR5/4); Firm; No caliche.	0.1 0	Hydrated bentonite #3 Sand 2nd Temporary well set at 65'

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TETRA TECH, INC.

WELL NUMBER U4U5-71

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65	GW-65	ML		(ML) 40'-73' Strong brown (7.5YR5/6); **SILT**; Wet; Soft; Low plasticity; Few subangular caliche gravel; Trace fine to medium grained caliche sand. *(continued)*	0.1	
					0	
70	SS-70				0	
	SS-73				0.1	Cement - 5% bentonite slurry
		SW		(SW) 73'-75' Dark brown (7.5YR3/3); **Well Graded SAND**; Wet; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Trace silt.		
75				(CL) 75'-90' Brown (7.5YR5/4); **Lean CLAY**; Wet; Very dense; Low plasticity.	0	
					0	
80	SS-80				0.1	
		CL			0	Hydrated bentonite
85					0	#3 Sand
					0	3rd Temporary well set at 90'
90	SS-90 GW-90				0.1	

WELL NUMBER U4U5-72

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 11/11/16 **COMPLETED** 11/18/16
GROUND ELEVATION 1813.434 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 10"
DRILLING METHOD Sonic Drilling
NORTHING 26717130.01
LOGGED BY J. Berjikian/W. Green **CHECKED BY** J. Walker
EASTING 828814.306
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SM		(SM) 1'-1.5' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular grains; Fine to coarse grained sand.	0.1	
	SS-2.5	SM		(SM) 2.5'-3' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular grains; Fine to coarse grained sand.	0.1	
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular grains; Fine to coarse grained sand.	0	
	SS-7.5	SM		(SM) 7.5'-8' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Dry; Loose; Subangular grains; Fine to coarse grained sand.	0.1	
10	SS-10	SM		(SM) 10'-10.5' Brown (7.5YR4/4); **SILTY SAND with GRAVEL**; Moist from hydrovac; Loose; Subangular grains; Fine to coarse grained sand.	0.1	
	SS-12.5	SM		(SM) 12'-31' Brown (7.5YR4/4); **SILTY SAND**; Dry; Loose; Subangular to subrounded grains; Fine to coarse grained sand; Few gravel.	0	
15	SS-15				0	
				Below 16' - Trace gravel.		
	SS-17.5				0	Cement - 5% bentonite slurry
20	SS-20			Below 20' - Caliche nodules.	0	
	SS-22.5				0	
25	SS-25				0	
	SS-27.5				0	
30						

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	SM			0	
				(ML) 31'-45' Brown (7.5YR4/4); **SILT with SAND**; Dry; Loose; Subangular grains; Fine grained sand.		
	SS-32.5				0	
35	SS-35				0	1st Temporary well water level (33.8')
	SS-37.5	ML		Below 37.5' - Wet.	0	Hydrated bentonite
40	SS-40				0	2nd Temporary well water level (39.8') #3 Sand
					0	
45	GW-45				0	1st Temporary well set at 45'
				(CL) 45'-53' Brown (7.5YR4/4); **Lean CLAY**; Wet; Firm; Low plasticity; Trace fine grained sand.		
		CL			0	3rd Temporary well water level (47.5')
50	SS-50				0	
					0	Cement - 5% bentonite slurry
				(ML) 53'-57' Brown (7.5YR4/4); **SILT**; Wet; Firm; Low plasticity; Trace fine grained sand.		
55		ML			0	
		SM		(SM) 57'-58' Dark brown (7.5YR3/4); **SILTY SAND**; Wet; Medium dense; Subangular to subrounded grains; Fine to coarse grained sand; Trace clay.	0	
		ML		(ML) 58'-60' Brown (7.5YR4/4); **SANDY SILT**; Wet; Soft to firm; Subangular to subrounded grains; Fine grained sand; Trace gravel.		
60	SS-60			60'-64.5' **No Recovery.**	0	Hydrated bentonite
						#3 Sand

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CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65		CL		(CL) 64.5'-67' Brown (7.5YR4/4); **Lean CLAY with SAND**; Wet; Very soft; Subangular to subrounded grains; Fine to coarse grained sand; Low plasticity; Trace gravel.	0	
	GW-67.5	SC		(SC) 67'-67.5' Brown (7.5YR4/4); **CLAYEY SAND**; Wet; Loose to medium dense; Subangular to subrounded grains; Fine to coarse grained sand; Low plasticity; Trace caliche gravel.	0	2nd Temporary well set at 67.5'
		SP-SM		(SP-SM) 67.5'-70' Brown (7.5YR4/4); **Poorly Graded SAND with SILT**; Wet; Medium dense; Subangular to subrounded grains; Medium grained sand; Trace gravel.		
70	SS-70	GW-GM		(GW-GM) 70'-71' Dark brown (7.5YR3/4); **Well Graded GRAVEL with SILT and SAND**; Wet; Loose; Angular to subangular grains; Fine to coarse grained sand; Caliche gravel and sand.	0.4	
		CL		(CL) 71'-74' Brown (7.5YR4/4); **Lean CLAY**; Wet; Firm; Low plasticity; Trace fine grained sand.	0	
		SW-SM		(SW-SM) 74'-75' Dark brown (7.5YR3/4); **Well Graded SAND with SILT**; Wet; Medium dense; Subangular to rounded grains; Fine to coarse grained sand; Trace gravel.	0	Cement - 5% bentonite slurry
75		SM		(SM) 75'-77.5' Brown (7.5YR4/4); **SILTY SAND**; Wet; Medium dense; Rounded grains; Fine grained sand.		
		CL		(CL) 77.5'-107.5' Brown (7.5YR4/4); **Lean CLAY**; Wet; Firm; Low plasticity; Trace fine grained sand.	0.3	
80	SS-80				0.8	
					0.9	Hydrated bentonite
85					0.9	4th Temporary well water level (84.1') #3 Sand
					0.7	3rd Temporary well set at 90'
90	SS-90 GW-90				0	
					0.7	
95					0.4	Cement - 5% bentonite slurry
					0.5	

(Continued Next Page)

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
100	SS-100	CL		(CL) 77.5'-107.5' Brown (7.5YR4/4); **Lean CLAY**; Wet; Firm; Low plasticity; Trace fine grained sand. *(continued)*	1.4	
				Below 102.5' - Trace caliche nodules.	1.4	Hydrated bentonite
105					1.9	#3 Sand
				Below 106' - No caliche nodules.		
				(CL) 107.5'-112.5' Brown (7.5YR4/4); **Lean CLAY with GRAVEL**; Wet; Firm; Low plasticity; Trace fine grained sand.	1.1	4th Temporary well set at 110'
110	SS-110 GW-110	CL			0.8	
		ML		(ML) 112.5'-127' Brown (7.5YR4/4); **SILT**; Wet; Soft; Low plasticity; Trace fine grained sand; Trace caliche gravel.	1.8	
115					0.8	Cement - 5% bentonite slurry
				Below 118' - No caliche.	1.1	
120	SS-120				1.3	
					0.9	Hydrated bentonite
125				Below 125' - Light brown (7.5YR6/3); Trace caliche gravel.	1.1	5th Temporary well water level (124.5') #3 Sand
		CL		(CL) 127'-135' Brown (7.5YR4/4); **Lean CLAY**; Wet; Firm; Low plasticity; Trace fine grained sand.	1.3	5th Temporary well set at 130'
130	SS-130 GW-130				1.3	

(Continued Next Page)

TETRA TECH, INC.

WELL NUMBER U4U5-72

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
135		CL		(CL) 127'-135' Brown (7.5YR4/4); **Lean CLAY**; Wet; Firm; Low plasticity; Trace fine grained sand. *(continued)*	1.6	
		ML		(ML) 135'-140' Strong brown (7.5YR5/6); **SILT**; Wet; Firm; Low plasticity; Some clay; Trace fine grained sand.	1.6 1.2	Cement - 5% bentonite slurry
140	SS-140	CL		(CL) 140'-143' Brown (7.5YR5/4); **Lean CLAY**; Wet; Firm; Low plasticity; Trace fine grained sand.	1.7	
					2.3	Hydrated bentonite
145		CL		(CL) 143'-150' Brown (7.5YR5/4); **Lean CLAY with GRAVEL**; Wet; Firm; Low plasticity; Caliche gravel; Trace fine grained caliche sand.	1.6 1.8	#3 Sand 6th Temporary well water level (149.5')
150	SS-150 GW-150				1.8 2.3	6th Temporary well set at 150'

WELL NUMBER U4U5-73

TETRA TECH, INC.

CLIENT NERT
PROJECT NAME Unit 4 and 5 Buildings Investigation
PROJECT NUMBER 117-7502016-M02 / M02-05-02-01
PROJECT LOCATION Tronox - Henderson, Nevada
DATE STARTED 12/6/16 **COMPLETED** 12/7/16
GROUND ELEVATION 1812.911 ft MSL
DRILLING CONTRACTOR National EWP, Inc.
HOLE SIZE 6"
DRILLING METHOD Sonic Drilling
NORTHING 26717278.904
LOGGED BY J. Souza/E.Peirce **CHECKED BY** J. Walker
EASTING 828849.633
NOTES Each well completion was temporary and was removed following sample collection and before advancing the borehole.

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
0				0'-0.5' **ASPHALT**.		
	SS-1	SM		(SM) 1'-1.5' Brown (7.5YR5/4); **SILTY SAND**; Dry; Very loose; Subangular to subrounded grains; Fine to coarse grained sand; Few subangular gravel.	1.2	
	SS-2.5	SW-SM		(SW-SM) 2.5'-3' Brown (7.5YR5/4); **Well Graded SAND with SILT**; Dry; Very loose; Subangular to rounded grains; Fine to coarse grained sand; Trace subangular gravel.	1.6	
5	SS-5	SM		(SM) 5'-5.5' Brown (7.5YR5/4); **SILTY SAND**; Dry; Very loose; Subangular to rounded grains; Fine to coarse grained sand; Trace subangular gravel.	1.7	
	SS-7.5	SM		(SM) 7.5'-8' Brown (7.5YR4/4); **SILTY SAND**; Dry; Very loose; Subangular to rounded grains; Fine to coarse grained sand; Trace subangular to subrounded gravel.	1.5	
10	SS-10	SM		(SM) 10'-10.5' Brown (7.5YR5/4); **SILTY SAND**; Dry; Very loose; Subrounded to rounded grains; Fine to coarse grained sand; Trace subangular to subrounded gravel.	1.4	
	SS-12.5			(SM) 12'-31' Brown (7.5YR5/4); **SILTY SAND**; Dry; Very loose; Subrounded to rounded grains; Fine to coarse grained sand; Trace subangular to subrounded gravel. Below 13' - Moist; Loose; Subangular grains.	0.1	
15	SS-15				0.1	
	SS-17.5				0.2	Cement - 5% bentonite slurry
20	SS-20			Below 19' - Rock powder. Below 19.5' - No rock powder.	0.2	
		SM				
	SS-22.5				0.3	
25	SS-25			Below 25' - No gravel; Fine to medium grained sand.	0.1	
	SS-27.5				0.3	
30						

(Continued Next Page)

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
30	SS-30	SM			0.1	
				(ML) 31'-56' Brown (7.5YR5/4); **SANDY SILT**; Moist; Stiff; Fine grained sand.		
	SS-32.5				0.1	
35	SS-35				0.1	
	SS-37.5				0.2	1st Temporary well water level (36.5') Hydrated bentonite
40	SS-40				0.1	3rd Temporary well water level (37.6')
				Below 42' - Wet.		2nd Temporary well water level (38')
		ML			0.2	#3 Sand
45	GW-45				0.2	1st Temporary well set at 45'
					0.7	
50	SS-50				1	
					0.3	Cement - 5% bentonite slurry
55					0.6	
				(ML) 56'-81' Brown (7.5YR5/4); **SILT with SAND**; Wet; Stiff; Fine grained sand; Low to no plasticity.		
					0.6	
60	SS-60	ML			0.3	Hydrated bentonite
					0.4	#3 Sand

(Continued Next Page)

TETRA TECH, INC.

WELL NUMBER U4U5-73

CLIENT NERT **PROJECT NAME** Unit 4 and 5 Buildings Investigation

PROJECT NUMBER 117-7502016-M02 / M02-05-02-01 **PROJECT LOCATION** Tronox - Henderson, Nevada

DEPTH (ft)	SAMPLE INTERVAL	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID Readings (ppm)	WELL DIAGRAM
65				(ML) 56'-81' Brown (7.5YR5/4); **SILT with SAND**; Wet; Stiff; Fine grained sand; Low to no plasticity. *(continued)*	0.5	2nd Temporary well set at 67.5'
	GW-67.5				1	
70					0.7	
		ML			1	
75					1.1	Cement - 5% bentonite slurry
				Below 78' - Very stiff.	1.1	
80	SS-80				1	
	SS-81	SM		(SM) 81'-82' Brown (7.5YR5/4); **SILTY SAND**; Wet; Loose; Angular grains; Coarse grained sand.		
				(ML) 82'-90' Brown (7.5YR5/4); **SILT with SAND**; Wet; Very stiff; Fine grained sand; Low to no plasticity.	0.8	Hydrated bentonite
85		ML			0.7	#3 Sand
					1.2	3rd Temporary well set at 90'
90	SS-90 GW-90				0.8	

Attachment D
Analytical Summary Tables

Borehole U4U5-5 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																								
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	40'	50'	57.5'	60'	70'	80'	90'	100'	110'	120'	130'	140'	150'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**0.020J**	**0.011J**	**0.83**	**0.52**	**0.41**	**0.016J**	**0.16**	**0.16**	**0.13F1**	**0.2**	**0.24**	**0.29**	**0.32**	**0.63**	**0.25**	**1**	**27**	**34**	**68**	**56**	**47**	**190**	**360**	**180**	**18**	**90**	**2.6**	**0.49**
Hexavalent chromium	mg/Kg	2	40	--	--	**0.28J**	**0.19J**	**0.22J**	**1.7**	**0.22J**	**0.27J**	**0.48**	**0.22J**	ND(0.19)	ND(0.20)	**0.61**	**ND(0.16)**	**0.25J**	**0.89**	**0.25J**	ND(0.23)	**1.7**	**1.6**	**2.8**	**2.0**	**3.2**	**8.4**	**15**	**15**	ND(0.22)	**4.4**	ND(0.26)	**0.76**
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**15**	**16**	**14**	**15**	**10**	**13**	**13**	**15**	**11**	**13**	**12**	**10**	**11**	**48**	**25**	**18**	**21**	**18**	**25**	**25**	**32**	**40**	**59**	**33F1 F2**	**31**	**33**	**34**	**62**
Percent Moisture	%	--	--	--	--	**16.9**	**13.4**	**15.8**	**14.0**	**12.9**	**20.3**	**20.1**	**27.9**	**18.6**	**25.9**	**18.4**	**6.8**	**6.9**	**38.0**	**37.4**	**34.6**	**29.5**	**26.0**	**35.4**	**40.7**	**36.9**	**41.7**	**33.7**	**35.5**	**30.2**	**46.2**	**42.5**	**34.8**
VOCs																																
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)*	ND(0.0017)*	ND(0.0017)	ND(0.0013)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0022)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0028)	ND(0.0024)	ND(0.0024)	ND(0.0020)	ND(0.0017)	ND(0.0018)	ND(0.0040)	ND(0.0033)	ND(0.0031)	ND(0.0023)	ND(0.0023)	ND(0.0028)	ND(0.0030)	ND(0.0027)	ND(0.0031)	ND(0.0027)*	ND(0.0027)	ND(0.0023)*	ND(0.0035)*	ND(0.0033)	ND(0.0026)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0056)	ND(0.0050)	ND(0.0049)	ND(0.0052)	ND(0.0051)	ND(0.0050)	ND(0.0052)	ND(0.0069)	ND(0.0059)	ND(0.0059)	ND(0.0049)	ND(0.0042)	ND(0.0046)	ND(0.010)	ND(0.0082)	ND(0.0077)	ND(0.0058)	**0.052**	ND(0.0071)	ND(0.0075)	ND(0.0069)	ND(0.0078)	ND(0.0068)	**0.011J**	ND(0.0057)	ND(0.0087)	ND(0.0083)	ND(0.0066)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0056)	ND(0.0050)	ND(0.0049)	ND(0.0052)	ND(0.0051)	ND(0.0050)	ND(0.0052)	ND(0.0069)	ND(0.0059)	ND(0.0059)	ND(0.0049)	ND(0.0042)	ND(0.0046)	ND(0.010)	ND(0.0082)	ND(0.0077)	ND(0.0058)	ND(0.0057)	ND(0.0071)	ND(0.0075)	ND(0.0069)	ND(0.0078)	ND(0.0068)	ND(0.0068)	ND(0.0057)	ND(0.0087)	ND(0.0083)	ND(0.0066)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0056)	ND(0.0050)	ND(0.0025)	ND(0.0026)	ND(0.0025)	ND(0.0025)	ND(0.0026)	ND(0.0034)	ND(0.003)	ND(0.0030)	ND(0.0025)	ND(0.0021)	ND(0.0023)	ND(0.0050)	ND(0.0041)	ND(0.0038)	ND(0.0029)	ND(0.0028)	ND(0.0036)	ND(0.0037)	ND(0.0034)	ND(0.0039)	ND(0.0034)	ND(0.0034)	ND(0.0028)	ND(0.0044)	ND(0.0041)	ND(0.0033)
Acetone	mg/Kg	0.8	16	--	--	ND(0.009)	ND(0.0080)	ND(0.0079)	ND(0.0083)	ND(0.0081)	ND(0.0081)	ND(0.0082)	ND(0.011)	**0.057**	ND(0.0095)	ND(0.0079)	**0.016J**	ND(0.0074)	ND(0.016)	ND(0.013)	ND(0.012)	ND(0.0094)	**1.100E**	ND(0.011)	**0.380**	**0.110**	ND(0.012)	**0.760**	**0.400**	ND(0.0091)	ND(0.014)	ND(0.013)	**0.120**
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	0.0017J	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0022)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0028)	ND(0.0024)	ND(0.0024)	ND(0.0020)	ND(0.0017)	ND(0.0018)	ND(0.0040)	ND(0.0033)	ND(0.0031)	ND(0.0023)	ND(0.0023)	ND(0.0028)	ND(0.0030)	ND(0.0027)	ND(0.0031)	ND(0.0027)	ND(0.0027)	ND(0.0023)	ND(0.0035)	ND(0.0033)	ND(0.0026)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	0.0026J	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0022)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0028)	ND(0.0024)	ND(0.0024)	ND(0.0020)	ND(0.0017)	ND(0.0018)	ND(0.0040)	ND(0.0033)	ND(0.0031)	ND(0.0023)	ND(0.0023)	ND(0.0028)	ND(0.0030)	ND(0.0027)	ND(0.0031)	ND(0.0027)	ND(0.0027)	ND(0.0023)	ND(0.0035)	ND(0.0033)	ND(0.0026)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	**0.010**	**0.0038**	ND(0.0015)	**0.077**	**0.050**	**0.089**	**0.170**	**0.380**	**0.740**	**0.970**	**0.180F1**	**0.011**	**0.130**	**0.0019J**	ND(0.0013)
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0022)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0028)	ND(0.0024)	ND(0.0024)	ND(0.0020)	ND(0.0017)	ND(0.0018)	ND(0.0040)	ND(0.0033)	ND(0.0031)	ND(0.0023)	ND(0.0023)	ND(0.0028)	ND(0.0030)	ND(0.0027)	ND(0.0031)	ND(0.0027)	ND(0.0027)	ND(0.0023)	ND(0.0035)	ND(0.0033)	ND(0.0026)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	**0.0013J**	ND(0.0014)	**0.0034J**	ND(0.0014)	ND(0.0016)	ND(0.0014)	**0.0014J**	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)*	ND(0.0014)	ND(0.0011)*	ND(0.0017)*	ND(0.0017)	ND(0.0013)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0022)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0028)	ND(0.0024)	ND(0.0024)	ND(0.0020)	ND(0.0017)	ND(0.0018)	ND(0.0040)	ND(0.0033)	ND(0.0031)	ND(0.0023)	ND(0.0023)	ND(0.0028)	ND(0.0030)	ND(0.0027)	ND(0.0031)	ND(0.0027)	ND(0.0027)	ND(0.0023)	ND(0.0035)	ND(0.0033)	ND(0.0026)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0056)	ND(0.0050)	ND(0.0049)	ND(0.0052)	ND(0.0051)	ND(0.0050)	ND(0.0052)	ND(0.0069)	ND(0.0059)	ND(0.0059)	ND(0.0049)	ND(0.0042)	ND(0.0046)	ND(0.010)	ND(0.0082)	ND(0.0077)	ND(0.0058)	ND(0.0057)	ND(0.0071)	ND(0.0075)	ND(0.0069)	ND(0.0078)	ND(0.0068)	ND(0.0068)	ND(0.0057)	ND(0.0087)	ND(0.0083)	ND(0.0066)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0014)	ND(0.0012)	ND(0.0012)	ND(0.00099)	ND(0.00084)	ND(0.00092)	ND(0.0020)	ND(0.0016)	ND(0.0015)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0017)	ND(0.0017)	ND(0.0013)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0022)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0028)	ND(0.0024)	ND(0.0024

Borehole U4U5-6 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface															
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	41.5'	60
Perchlorate	mg/Kg	0.0185	0.371	--	--	**0.053**	**0.011J**	**0.021J**	**0.11F1**	**0.025J**	**0.4**	**0.053J**	**0.027J**	**0.096**	**0.087F1**	**0.37**	**0.33**	ND(0.011)	ND(0.016)	ND(0.015)	**0.055**	**210**
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.16)F1	ND(0.16)	**0.32**	ND(0.16)F1	ND(0.16)	**0.24J**	ND(0.21)	**0.37**	**0.46**	ND(0.21)	ND(0.16)	ND(0.19)	ND(0.17)	ND(0.26)	ND(0.24)	ND(0.19)	0.21J
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**15**	**13**	**9.9**	**16**	**13**	**23**	**25**	**19**	**17**	**19**	**20**	**19**	**14**	**41**	**41**	**13**	**28**
Percent Moisture	%	--	--	--	--	**7.0**	**6.6**	**6.1**	**7.6**	**6.6**	**6.9**	**29.5**	**17.9**	**26.4**	**27.9**	**9**	**22.4**	**13.4**	**42.4**	**38.3**	**21.9**	**26.7**
VOCs																						
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0012)*	ND(0.0012)*	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0024)	ND(0.0025)	ND(0.0022)	ND(0.0019)	ND(0.0025)	ND(0.0020)	ND(0.0024)	ND(0.0025)	ND(0.0025)	ND(0.0028)	ND(0.0021)	ND(0.0023)	ND(0.0022)	ND(0.0039)	ND(0.0038)	ND(0.0032)	ND(0.0024)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0059)	ND(0.0062)	ND(0.0056)	ND(0.0047)	ND(0.0062)	ND(0.0050)	ND(0.0059)	ND(0.0064)	ND(0.0062)	ND(0.0070)	ND(0.0053)	ND(0.0057)	ND(0.0055)	ND(0.0097)	ND(0.0096)	ND(0.0081)	ND(0.0059)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0059)	ND(0.0062)	ND(0.0056)	ND(0.0047)	ND(0.0062)	ND(0.0050)	ND(0.0059)	ND(0.0064)	ND(0.0062)	ND(0.0070)	ND(0.0053)	ND(0.0057)	ND(0.0055)	ND(0.0097)	ND(0.0096)	ND(0.0081)	ND(0.0059)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.003)	ND(0.0031)	ND(0.0028)	ND(0.0024)	ND(0.0031)	ND(0.0025)	ND(0.003)	ND(0.0032)	ND(0.0031)	ND(0.0035)	ND(0.0026)	ND(0.0029)	ND(0.0027)	ND(0.0049)	ND(0.0048)	ND(0.0041)	ND(0.0029)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0094)	ND(0.0099)	ND(0.0089)	ND(0.0076)	ND(0.0099)	**0.013J**	ND(0.0095)	ND(0.010)	ND(0.0099)	ND(0.011)	ND(0.0084)	ND(0.0092)	ND(0.0088)	ND(0.016)	**0.024J**	**0.050**	**0.015J**
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0024)*	ND(0.0025)*	ND(0.0022)	ND(0.0019)*	ND(0.0025)*	ND(0.0020)	ND(0.0024)	ND(0.0025)	ND(0.0025)	ND(0.0028)	ND(0.0021)	ND(0.0023)	ND(0.0022)	ND(0.0039)	ND(0.0038)	ND(0.0032)	ND(0.0024)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)*	ND(0.0012)*	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0024)	ND(0.0025)	ND(0.0022)	ND(0.0019)	ND(0.0025)	ND(0.0020)	ND(0.0024)	ND(0.0025)	ND(0.0025)	ND(0.0028)	ND(0.0021)	ND(0.0023)	ND(0.0022)	ND(0.0039)	ND(0.0038)	ND(0.0032)	ND(0.0024)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	**0.0097**	**0.0030J**	ND(0.0016)	**0.069**
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)*	ND(0.0012)*	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0024)	ND(0.0025)	ND(0.0022)	ND(0.0019)	ND(0.0025)	ND(0.0020)	ND(0.0024)	ND(0.0025)	ND(0.0028)	ND(0.0021)	ND(0.0023)	ND(0.0022)	ND(0.0039)	ND(0.0038)	ND(0.0032)	ND(0.0024)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0024)	ND(0.0025)	ND(0.0022)	ND(0.0019)	ND(0.0025)	ND(0.0020)	ND(0.0024)	ND(0.0025)	ND(0.0025)	ND(0.0028)	ND(0.0021)	ND(0.0023)	ND(0.0022)	ND(0.0039)	ND(0.0038)	ND(0.0032)	ND(0.0024)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0059)	ND(0.0062)	ND(0.0056)	ND(0.0047)	ND(0.0062)	ND(0.0050)	ND(0.0059)	ND(0.0064)	ND(0.0062)	ND(0.0070)	ND(0.0053)	ND(0.0057)	ND(0.0055)	ND(0.0097)	ND(0.0096)	ND(0.0081)	ND(0.0059)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0024)	ND(0.0025)	ND(0.0022)	ND(0.0019)	ND(0.0025)	ND(0.0020)	ND(0.0024)	ND(0.0025)	ND(0.0028)	ND(0.0021)	ND(0.0023)	ND(0.0022)	ND(0.0039)	ND(0.0038)	ND(0.0032)	ND(0.0024)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
o-Xylene	mg/Kg	9	180	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
Styrene	mg/Kg	0.2	4	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.012)	ND(0.012)	ND(0.011)	ND(0.0095)	ND(0.012)	ND(0.0099)	ND(0.012)	ND(0.013)	ND(0.012)	ND(0.014)	ND(0.011)	**0.026J**	**ND(0.011)**	ND(0.019)	ND(0.019)	ND(0.016)	ND(0.012)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
Toluene	mg/Kg	0.6	12	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	**0.0013J**	ND(0.0012)	**0.0016J**	**0.0012J**	**0.0014J**	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0012)	ND(0.0012)	ND(0.0011)	ND(0.00095)	ND(0.0012)	ND(0.00099)	ND(0.0012)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0012)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0024)	ND(0.0025)	ND(0.0022)	ND(0.0019)	ND(0.0025)	ND(0.0020)	ND(0.0024)	ND(0.0025)	ND(0.0025)	ND(0.0028)	ND(0.0021)	ND(0.0023)	ND(0.0022)	ND(0.0039)	ND(0.0038)	ND(0.0032)	ND(0.0024)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-7 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																		
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	30'	32.5'	35'	37.5'	40'	55'	60'	70'	80'	90'
Perchlorate	mg/Kg	0.0185	0.371	--	--	0.14	0.28	0.62	8.7	4.5	0.23	26	8.3	62	110	88	63	70	110	860	340					
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.16)	ND(0.16)	0.18J	0.20J	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.17)	0.25J	ND(0.17)	ND(0.16)	ND(0.16)	ND(0.17)	1.3	3.4					
Chromium	mg/Kg	--	--	4,000,000	80,000,000	16	20	17	20	14	5	12	6.3	19	21	21	16	14	12	30	29					
Percent Moisture	%	--	--	--	--	8.6	8.8	9.9	10.8	9	5.8	5.3	3	9.1	10.8	8	7.3	4.8	9.6	30.7	40.5	34.4	34	41.3	27.7	31.5
VOCs																										
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0021)	ND(0.0021)	ND(0.0022)	ND(0.0020)	ND(0.0022)	ND(0.0021)	ND(0.0018)	ND(0.0020)	ND(0.0018)	ND(0.0021)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0024)	ND(0.0033)	NA	NA	NA	NA	NA
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0052)	ND(0.0052)	ND(0.0056)	ND(0.0050)	ND(0.0056)	ND(0.0053)	ND(0.0044)	ND(0.0050)	ND(0.0044)	ND(0.0052)	ND(0.0042)	ND(0.0046)	ND(0.0047)	ND(0.0046)	ND(0.0060)	ND(0.0081)	NA	NA	NA	NA	NA
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0052)	ND(0.0052)	ND(0.0056)	ND(0.0050)	ND(0.0056)	ND(0.0053)	ND(0.0044)	ND(0.0050)	ND(0.0044)	ND(0.0052)	ND(0.0042)	ND(0.0046)	ND(0.0047)	ND(0.0046)	ND(0.0060)	ND(0.0081)	NA	NA	NA	NA	NA
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0026)	ND(0.0026)	ND(0.0028)	ND(0.0025)	ND(0.0028)	ND(0.0026)	ND(0.0022)	ND(0.0025)	ND(0.0022)	ND(0.0026)	ND(0.0021)	ND(0.0023)	ND(0.0023)	ND(0.0023)	ND(0.0030)	ND(0.0041)	NA	NA	NA	NA	NA
Acetone	mg/Kg	0.8	16	--	--	**0.013J**	**0.0097J**	ND(0.0089)	**0.011J**	ND(0.0090)	ND(0.0084)	ND(0.0070)	ND(0.0081)	ND(0.0071)	ND(0.0083)	ND(0.0067)F1	ND(0.0074)	ND(0.0075)	0.011J	0.018J	0.030J	NA	NA	NA	NA	NA
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0021)	ND(0.0021)	ND(0.0022)	ND(0.0020)	ND(0.0022)	ND(0.0021)	ND(0.0018)	ND(0.0020)	ND(0.0018)	ND(0.0021)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0024)	ND(0.0033)	NA	NA	NA	NA	NA
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
Chlorate	mg/Kg	--	--	--	--	NA	NA	NA	NA	NA	**0.62**	**11**	**4.6**	**31**	NA	NA	**24**	NA	NA	NA	**2,100**	**1,700**	**1,900**	**3,400**	**7,600**	**2,100**
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0021)	ND(0.0021)	ND(0.0022)	ND(0.0020)	ND(0.0022)	ND(0.0021)	ND(0.0018)	ND(0.0020)	ND(0.0018)	ND(0.0021)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0024)	ND(0.0033)	NA	NA	NA	NA	NA
Chloroform	mg/Kg	0.03	0.6	--	--	**0.0011J**	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	**0.0029**	**0.0015J**	ND(0.00091)	**0.220**	**0.310**	NA	NA	NA	NA	NA
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)*	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0021)	ND(0.0021)	ND(0.0022)	ND(0.0020)	ND(0.0022)	ND(0.0021)	ND(0.0018)	ND(0.0020)	ND(0.0018)	ND(0.0021)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0024)	ND(0.0033)	NA	NA	NA	NA	NA
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0021)	ND(0.0021)	ND(0.0022)	ND(0.0020)	ND(0.0022)	ND(0.0021)	ND(0.0018)	ND(0.0020)	ND(0.0018)	ND(0.0021)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0024)	ND(0.0033)	NA	NA	NA	NA	NA
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0052)	ND(0.0052)	ND(0.0056)	ND(0.0050)	ND(0.0056)	ND(0.0053)	ND(0.0044)	ND(0.0050)	ND(0.0044)	ND(0.0052)	ND(0.0042)	ND(0.0046)	ND(0.0047)	ND(0.0046)	ND(0.0060)	ND(0.0081)	NA	NA	NA	NA	NA
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
Naphthalene	mg/Kg	4	80	--	--	ND(0.0021)	ND(0.0021)	ND(0.0022)	ND(0.0020)	ND(0.0022)	ND(0.0021)	ND(0.0018)	ND(0.0020)	ND(0.0018)	ND(0.0021)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0024)	ND(0.0033)	NA	NA	NA	NA	NA
Nitrate as N	mg/Kg	--	--	--	--	NA	NA	NA	NA	NA	ND(0.84)	**4.9**	**1.1**	**4.7**	NA	NA	**4.3**	NA	NA	NA	**5.2**	**2.9**	**3**	**5.3**	**11**	**7.5**
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
o-Xylene	mg/Kg	9	180	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
Styrene	mg/Kg	0.2	4	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
Sulfate	mg/Kg	--	--	--	--	NA	NA	NA	NA	NA	**10**	**150**	**120**	**440**	**NA**	**NA**	**100**	NA	NA	NA	**960**	**660**	**600**	**840**	**540**	**170**
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.010)	ND(0.010)	ND(0.011)	ND(0.010)	ND(0.011)	ND(0.011)	ND(0.0088)	ND(0.010)	ND(0.0088)	ND(0.010)	ND(0.0084)	ND(0.0092)	ND(0.0094)	ND(0.0091)	ND(0.012)	ND(0.016)	NA	NA	NA	NA	NA
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
Toluene	mg/Kg	0.6	12	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00088)	ND(0.0010)	ND(0.00088)	ND(0.0010)	ND(0.00084)	ND(0.00092)	ND(0.00094)	ND(0.00091)	ND(0.0012)	ND(0.0016)	NA	NA	NA	NA	NA
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0021)	ND(0.0021)	ND(0.0022)	ND(0.0020)	ND(0.0022)	ND(0.0021)	ND(0.0018)	ND(0.0020)	ND(0.0018)	ND(0.0021)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0024)	ND(0.0033)	NA	NA	NA	NA	NA

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-8 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																		
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5	40'	50'	60'	70'	80'	90'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**0.042J**	**0.054**	**0.11**	**0.18**	**0.41**	ND(0.011)	**2.3**	**0.046J**	**0.042J**	**0.36**	**0.34F1**	**0.27**	**1.1F1**	**4.7**	**11**	**61**					
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.18)	ND(0.16)	ND(0.19)	ND(0.16)	ND(0.17)	ND(0.16)	ND(0.16)	0.36F1	ND(0.20)	ND(0.21)	0.76					
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**18**	**0.13**	**14**	**12**	**11**	**5.2J**	**14**	**13**	**21**	**17**	**18**	**17**	**13**	**35**	**49**	**36**					
Percent Moisture	%	--	--	--	--	**7.4**	**6.5**	**6.7**	**8.4**	**7.3**	**14.7**	**8.2**	**19.7**	**6.9**	**9.9**	**8.1**	**6.5**	**6.7**	**22.5**	**28.6**	**38.1**	**33.7**	**35.3**	**32.5**	**33.4**	**38**
VOCs																										
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0023)	ND(0.0022)	ND(0.0027)	ND(0.0020)	ND(0.0021)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0025)	ND(0.0028)	ND(0.0029)	NA	NA	NA	NA	NA
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0058)	ND(0.0055)	ND(0.0068)	ND(0.0050)	ND(0.0052)	ND(0.0047)	ND(0.0047)	ND(0.0051)	ND(0.0050)	ND(0.0049)	ND(0.0047)	ND(0.0051)	ND(0.0049)	ND(0.0063)	ND(0.0069)	ND(0.0071)	NA	NA	NA	NA	NA
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0058)	ND(0.0055)	ND(0.0068)	ND(0.0050)	ND(0.0052)	ND(0.0047)	ND(0.0047)	ND(0.0051)	ND(0.0050)	ND(0.0049)	ND(0.0047)	ND(0.0051)	ND(0.0049)	ND(0.0063)	ND(0.0069)	ND(0.0071)	NA	NA	NA	NA	NA
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0029)	ND(0.0028)	ND(0.0034)	ND(0.0025)	ND(0.0026)	ND(0.0024)	ND(0.0024)	ND(0.0026)	ND(0.0025)	ND(0.0025)	ND(0.0024)	ND(0.0025)	ND(0.0024)	ND(0.0031)	ND(0.0035)	ND(0.0036)	NA	NA	NA	NA	NA
Acetone	mg/Kg	0.8	16	--	--	**0.013J**	ND(0.0088)	ND(0.011)	ND(0.0080)	ND(0.0082)	**0.016J**	**0.014J**	ND(0.0082)	ND(0.0081)	ND(0.0078)	ND(0.0076)F1	ND(0.0081)	ND(0.0078)	ND(0.010)	ND(0.011)	ND(0.011)	NA	NA	NA	NA	NA
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0023)*	ND(0.0022)*	ND(0.0027)*	ND(0.0020)*	ND(0.0021)*	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0025)	ND(0.0028)	ND(0.0029)	NA	NA	NA	NA	NA
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0012)*	ND(0.0011)*	ND(0.0014)*	ND(0.00099)*	ND(0.0010)*	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
Chlorate	mg/Kg	--	--	--	--	NA	NA	NA	NA	NA	ND(0.058)	**22**	**0.28**	NA	NA	NA	**1.9**	NA	NA	NA	**310**	**420**	**770**	**1,100**	**5,800**	**510**
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0023)	ND(0.0022)	ND(0.0027)	ND(0.0020)	ND(0.0021)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0025)	ND(0.0028)	ND(0.0029)	NA	NA	NA	NA	NA
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	**0.00096J**	ND(0.0010)	**0.0015J**	**0.0022**	**0.0014J**	**0.0012J**	**0.002**	**0.036**	**0.049**	**0.160**	NA	NA	NA	NA	NA
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0012)*	ND(0.0011)*	ND(0.0014)*	ND(0.00099)*	ND(0.0010)*	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0023)	ND(0.0022)	ND(0.0027)	ND(0.0020)	ND(0.0021)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0025)	ND(0.0028)	ND(0.0029)	NA	NA	NA	NA	NA
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
m,p-Xylene	mg/Kg	10[e]	200[e]	--	--	ND(0.0023)	ND(0.0022)	ND(0.0027)	ND(0.0020)	ND(0.0021)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0025)	ND(0.0028)	ND(0.0029)	NA	NA	NA	NA	NA
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0058)	ND(0.0055)	ND(0.0068)	ND(0.0050)	ND(0.0052)	ND(0.0047)	ND(0.0047)	ND(0.0051)	ND(0.0050)	ND(0.0049)	ND(0.0047)	ND(0.0051)	ND(0.0049)	ND(0.0063)	ND(0.0069)	ND(0.0071)	NA	NA	NA	NA	NA
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
Naphthalene	mg/Kg	4	80	--	--	ND(0.0023)	ND(0.0022)	ND(0.0027)	ND(0.0020)	ND(0.0021)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0025)	ND(0.0028)	ND(0.0029)	NA	NA	NA	NA	NA
Nitrate as N	mg/Kg	--	--	--	--	NA	NA	NA	NA	NA	ND(0.93)	**4.9**	ND(1.0)	NA	NA	NA	ND(0.85)	NA	NA	NA	**11**	**1.8**	**2.7**	**3.3**	**17**	**1.8**
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
o-Xylene	mg/Kg	9	180	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
Styrene	mg/Kg	0.2	4	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
Sulfate	mg/Kg	--	--	--	--	NA	NA	NA	NA	NA	**13**	**260**	**42**	NA	NA	NA	**87**	NA	NA	NA	**420**	**530**	**620**	**600**	**820**	**79**
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.012)	ND(0.011)	ND(0.014)	ND(0.0099)	ND(0.010)	ND(0.0094)	ND(0.0095)	ND(0.010)	ND(0.010)	ND(0.0098)	ND(0.0094)	ND(0.010)	ND(0.0098)	ND(0.013)	ND(0.014)	ND(0.014)	NA	NA	NA	NA	NA
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
Toluene	mg/Kg	0.6	12	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0012)	0.0012J	ND(0.0014)	ND(0.00099)	**0.0012J**	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.00099)	ND(0.0010)	ND(0.00094)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.00098)	ND(0.00094)	ND(0.0010)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	NA	NA	NA	NA	NA
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0023)	ND(0.0022)	ND(0.0027)	ND(0.0020)	ND(0.0021)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0025)	ND(0.0028)	ND(0.0029)	NA	NA	NA	NA	NA

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-9 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																						
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'	40'	50'	60'	70'	80'	90'	100'	110'	120'	130'	140'	150'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**0.06**	**0.075**	**0.13**	**0.049**	**0.08**	ND(0.0096)	**0.94**	**1.2**	**0.43**	**2.2**	**0.64**	**5.1**	**1.6**	**2.9**	**14**	**15**	**170**	**34**	**49**	**22**	**25**	**280**	**350**	**44**	**0.22**	**0.061J**	**0.26**	0.016J F1
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.17)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.15)	ND(0.16)	**0.38**	**0.5**	**0.24J**	ND(0.18)	ND(0.17)	ND(0.16)	ND(0.19)	**0.23J**	ND(0.28)	**0.5**	**1.6**	**1.8**	**0.73**	**0.76**	**22**	**12**	**0.29J**	ND(0.22)	ND(0.25)	ND(0.29)	ND(0.24)
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**16**	**15**	**16**	**19**	**19**	**5.7**	**15**	**15**	**22**	**20**	**20**	**18**	**15**	**29**	**24**	**37**	**31**	**50**	**29**	**19**	**20**	**51**	**73**	**48**	**33**	**32**	**72**	**41**
Percent Moisture	%	--	--	--	--	**10.8**	**7.4**	**8.5**	**8.4**	**7.1**	**1.1**	**9**	**17.4**	**16.4**	**8.3**	**15.8**	**9.5**	**6**	**21.7**	**29.5**	**45.5**	**40**	**38.7**	**31.7**	**25.4**	**30.2**	**32.8**	**34.7**	**40**	**30.8**	**39.8**	**47.2**	**37.4**
VOCs																																
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0021)	ND(0.0018)	ND(0.0024)	ND(0.0019)	ND(0.0019)	ND(0.0031)	ND(0.0018)	ND(0.0022)	ND(0.0021)	ND(0.0020)	ND(0.0023)	ND(0.0018)	ND(0.0018)	ND(0.0026)	ND(0.0032)	ND(0.0036)	ND(0.0073)	ND(0.0030)	ND(0.0026)	ND(0.0024)	ND(0.0024)	ND(0.0026)	ND(0.0026)	ND(0.0032)	ND(0.0023)F1	ND(0.0029)	ND(0.0038)	ND(0.0033)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	**0.0016J**	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0054)	ND(0.0045)	ND(0.0061)	ND(0.0049)	ND(0.0048)	ND(0.0077)	ND(0.0046)	ND(0.0054)	ND(0.0052)	ND(0.0050)	ND(0.0057)	ND(0.0045)	ND(0.0045)	ND(0.0064)	ND(0.0081)	ND(0.0091)	ND(0.018)	ND(0.0075)	ND(0.0064)	ND(0.0060)	ND(0.0060)	ND(0.0064)	ND(0.0065)	ND(0.0081)	ND(0.0057)	ND(0.0072)	ND(0.0094)	ND(0.0084)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0054)	ND(0.0045)	ND(0.0061)	ND(0.0049)	ND(0.0048)	ND(0.0077)	ND(0.0046)	ND(0.0054)	ND(0.0052)	ND(0.0050)	ND(0.0057)	ND(0.0045)	ND(0.0045)	ND(0.0064)	ND(0.0081)	ND(0.0091)	ND(0.018)	ND(0.0075)	ND(0.0064)	ND(0.0060)	ND(0.0060)	ND(0.0064)	ND(0.0065)	ND(0.0081)	ND(0.0057)	ND(0.0072)	ND(0.0094)	ND(0.0084)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0027)	ND(0.0023)	ND(0.003)	ND(0.0024)	ND(0.0024)	ND(0.0039)	ND(0.0023)	ND(0.0027)	ND(0.0026)	ND(0.0025)	ND(0.0028)	ND(0.0023)	ND(0.0022)	ND(0.0032)	ND(0.0040)	ND(0.0046)	ND(0.0091)	ND(0.0038)	ND(0.0032)	ND(0.0030)	ND(0.0030)	ND(0.0032)	ND(0.0033)	ND(0.0041)	ND(0.0029)F1	ND(0.0036)	ND(0.0047)	ND(0.0042)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0086)	ND(0.0072)	ND(0.0097)	**0.012J**	ND(0.0077)	ND(0.012)	ND(0.0074)	**0.074**	ND(0.0083)	ND(0.0081)	ND(0.0091)	ND(0.0072)	ND(0.0072)	ND(0.010)	ND(0.013)	ND(0.015)	ND(0.029)	ND(0.012)	ND(0.010)	ND(0.0096)	ND(0.0096)	ND(0.010)	ND(0.010)	ND(0.013)	ND(0.0092)F1	ND(0.012)	ND(0.015)	ND(0.013)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	**0.0012J**	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	**0.0017J**	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0021)*	ND(0.0018)*	ND(0.0024)	ND(0.0019)	ND(0.0019)	ND(0.0031)	ND(0.0018)	ND(0.0022)	ND(0.0021)	ND(0.0020)	ND(0.0023)	ND(0.0018)	ND(0.0018)	ND(0.0026)	ND(0.0032)	ND(0.0036)	ND(0.0073)	ND(0.0030)	ND(0.0026)	ND(0.0024)	ND(0.0024)	ND(0.0026)	ND(0.0026)	ND(0.0032)	ND(0.0023)	ND(0.0029)	ND(0.0038)	ND(0.0033)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0011)*	ND(0.00090)*	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	0.0018J	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
Chlorate	mg/Kg	--	--	--	--	NA	NA	NA	NA	NA	**0.054J**	**2.7**	**7.0**	**1.1**	**0.37**	**0.45**	**0.84**	**0.30**	**1.8**	**5.3**	**20**	**330**	**370**	**400**	**180**	**290**	**2,600**	**2,300**	**450**	**0.59**	**0.70**	**2.9F1**	**0.20J**
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	0.0013J	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0021)	ND(0.0018)	ND(0.0024)	ND(0.0019)	ND(0.0019)	ND(0.0031)	ND(0.0018)	ND(0.0022)	ND(0.0021)	ND(0.0020)	ND(0.0023)	ND(0.0018)	ND(0.0018)	ND(0.0026)	ND(0.0032)	ND(0.0036)	ND(0.0073)	ND(0.0030)	ND(0.0026)	ND(0.0024)	ND(0.0024)	ND(0.0026)	ND(0.0026)	ND(0.0032)	ND(0.0023)	ND(0.0029)	ND(0.0038)	ND(0.0033)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	**0.0014J**	ND(0.00090)	ND(0.00090)	**0.015**	**0.046**	**0.080**	**0.230**	**0.110**	**0.110**	**0.034**	**0.099**	**1.4**	**0.590**	**0.011**	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)*	ND(0.00090)*	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0021)	ND(0.0018)	ND(0.0024)	ND(0.0019)	ND(0.0019)	ND(0.0031)	ND(0.0018)	ND(0.0022)	ND(0.0021)	ND(0.0020)	ND(0.0023)	ND(0.0018)	ND(0.0018)	ND(0.0026)	ND(0.0032)	ND(0.0036)	ND(0.0073)	ND(0.0030)	ND(0.0026)	ND(0.0024)	ND(0.0024)	ND(0.0026)	ND(0.0026)	ND(0.0032)	ND(0.0023)	ND(0.0029)	ND(0.0038)	ND(0.0033)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0014)	ND(0.0019)	ND(0.0017)
m,p-Xylene	mg/Kg	10	200[e]	--	--	ND(0.0021)	ND(0.0018)	ND(0.0024)	ND(0.0019)	ND(0.0019)	ND(0.0031)	ND(0.0018)	ND(0.0022)	ND(0.0021)	ND(0.0020)	ND(0.0023)	ND(0.0018)	ND(0.0018)	ND(0.0026)	ND(0.0032)	ND(0.0036)	ND(0.0073)	ND(0.0030)	ND(0.0026)	ND(0.0024)	ND(0.0024)	ND(0.0026)	ND(0.0026)	ND(0.0032)	ND(0.0023)	ND(0.0029)	ND(0.0038)	ND(0.0033)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0054)	ND(0.0045)	ND(0.0061)	ND(0.0049)	ND(0.0048)	ND(0.0077)	ND(0.0046)	ND(0.0054)	ND(0.0052)	ND(0.0050)	ND(0.0057)	ND(0.0045)	ND(0.0045)	ND(0.0064)	ND(0.0081)	ND(0.0091)	ND(0.018)	ND(0.0075)	ND(0.0064)	ND(0.0060)	ND(0.0060)	ND(0.0064)	ND(0.0065)	ND(0.0081)	ND(0.0057)	ND(0.0072)	ND(0.0094)	ND(0.0084)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0011)	ND(0.00090)	ND(0.0012)	ND(0.00097)	ND(0.00096)	ND(0.0015)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.00090)	ND(0.0013)	ND(0.0016)	ND(0.0018)	ND(0.0036)	ND(0.0015)	ND(0.0013)	ND(0.0

Borehole U4U5-10 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																		
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'	40'	50'	60'	70'	80'	90'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**28**	**51**	**15**	**2.9**	**16**	**0.62**	**2.5**	**0.30**	**0.48**	**0.55**	**0.050**	**0.021J**	**2.3**	**2.5**	**340**						
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.16)	ND(0.16)	ND(0.17)	ND(0.16)	ND(0.16)	ND(0.15)	ND(0.17)	ND(0.17)	ND(0.16)	ND(0.17)	**0.19J**	ND(0.18)	ND(0.19)	ND(0.18)	**0.76**						
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**14**	**18**	**23**	**17**	**16**	**4.0**	**17**	**15**	**28**	**13**	**17**	**16**	**15**	**31**	**45**						
Percent Moisture	%	--	--	--	--	**5.9**	**8**	**10**	**7.7**	**5.6**	**0.7**	**10.4**	**9.3**	**8.6**	**10.3**	**11.4**	**16.4**	**21.2**	**18.5**	**44**	**30.1**	**36.6**	**33.4**	**39.5**	**35.2**	**34**
VOCs																										
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)F1	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0020)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0019)	ND(0.0025)	ND(0.0016)F1	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0022)	ND(0.0033)	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0050)	ND(0.0051)	ND(0.0054)	ND(0.0051)	ND(0.0051)	ND(0.0050)	ND(0.0052)	ND(0.0048)	ND(0.0063)	ND(0.0041)	ND(0.0049)	ND(0.0055)	ND(0.0051)	ND(0.0055)	ND(0.0083)	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0050)	ND(0.0051)	ND(0.0054)	ND(0.0051)	ND(0.0051)	ND(0.0050)	ND(0.0052)	ND(0.0048)	ND(0.0063)	ND(0.0041)	ND(0.0049)	ND(0.0055)	ND(0.0051)	ND(0.0055)	ND(0.0083)	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0025)	ND(0.0026)	ND(0.0027)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0026)	ND(0.0024)	ND(0.0032)	ND(0.0021)	ND(0.0025)	ND(0.0028)	ND(0.0025)	ND(0.0028)	ND(0.0042)	NA	NA	NA	NA	NA	NA
Acetone	mg/Kg	0.8	16	--	--	ND(0.0081)	**0.025**	ND(0.0086)	ND(0.0081)	ND(0.0081)	ND(0.008)	ND(0.0084)	**0.014J**	**0.072**	**0.100F1**	**0.010J**	ND(0.0081)	ND(0.0089)	**0.16**	NA	NA	NA	NA	NA	NA	NA
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0020)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0019)	ND(0.0025)	ND(0.0016)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0022)	ND(0.0033)	NA	NA	NA	NA	NA	NA
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
Chlorate	mg/Kg	--	--	--	--	NA	NA	NA	NA	NA	**1.6**	**3.1F1**	**0.51**	**0.46**	**0.72F1**	**0.17J**	**4.3**	**5.9**	**500**	**610**	**290**	**240**	**400**	**390**	**2,200F1**
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0020)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0019)	ND(0.0025)	ND(0.0016)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0022)	ND(0.0033)	NA	NA	NA	NA	NA	NA
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	**0.0063**	ND(0.0011)	**0.081**	NA	NA	NA	NA	NA	NA
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0020)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0019)	ND(0.0025)	ND(0.0016)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0022)	ND(0.0033)	NA	NA	NA	NA	NA	NA
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0020)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0019)	ND(0.0025)	ND(0.0016)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0022)	ND(0.0033)	NA	NA	NA	NA	NA	NA
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0050)	ND(0.0051)	ND(0.0054)	ND(0.0051)	ND(0.0051)	ND(0.0050)	ND(0.0052)	ND(0.0048)	ND(0.0063)	ND(0.0041)	ND(0.0049)	ND(0.0055)	ND(0.0051)	ND(0.0055)	ND(0.0083)	NA	NA	NA	NA	NA	NA
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
Naphthalene	mg/Kg	4	80	--	--	ND(0.0020)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0019)	ND(0.0025)	ND(0.0016)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0022)	ND(0.0033)	NA	NA	NA	NA	NA	NA
Nitrate as N	mg/Kg	--	--	--	--	NA	NA	NA	NA	NA	ND(0.81)	**2.3**	**1.2**	ND(0.87)	**1.1J**	ND(0.90)	ND(0.95)	**2.1**	**4.2**	**29**	**9.5**	**1.6J**	ND(1.2)	**1.6J**	**1.5J**	**4.6**
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
o-Xylene	mg/Kg	9	180	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
Styrene	mg/Kg	0.2	4	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
Sulfate	mg/Kg	--	--	--	--	NA	NA	NA	NA	NA	**23**	**91**	**57**	**88**	**150F1**	**120**	**110**	**20,000**	**12,000**	**1,600**	**590**	**590**	**440**	**620**	**560**	**48**
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.010)	ND(0.010)	ND(0.011)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.0095)	ND(0.013)	ND(0.0082)	**0.021J**	**0.012J ID**	ND(0.010)	ND(0.011)	ND(0.017)	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
Toluene	mg/Kg	0.6	12	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.00082)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0017)	NA	NA	NA	NA	NA	NA
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0020)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0019)	ND(0.0025)	ND(0.0016)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0022)	ND(0.0033)	NA	NA	NA	NA	NA	NA

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-11 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface														
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	35'	37.5'	40'	50'	60'	70'	71'	80'	90'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**26**	**2.2**	**0.11**	**2**	**1.5**	0.21	**0.28**	**250**	**400**					**42**		
Hexavalent chromium	mg/Kg	2	40	--	--	**0.16J**	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.18)	**0.28J**	ND(0.24)F1					**0.32J**		
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**23**	**19**	**17**	**19**	**15**	**15**	**11**	**25**	**28**					**6.9**		
Percent Moisture	%	--	--	--	--	**10.8**	**7.4**	**8.5**	**8.4**	**7.1**	**1.1**	**9**	**29.5**	**45.5**	**40**	**38.7**	**31.7**	**25.4**	**15.2**	**34.9**	**31**
VOCs																					
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0023)	ND(0.0019)	ND(0.0021)	ND(0.0020)	ND(0.0019)	ND(0.0016)	ND(0.0018)	ND(0.0032)	ND(0.0035)	NA	NA	NA	NA	ND(0.0019)	NA	NA
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0057)	ND(0.0049)	ND(0.0052)	ND(0.005)	ND(0.0048)	ND(0.0039)	ND(0.0045)	ND(0.0080)	ND(0.0087)	NA	NA	NA	NA	ND(0.0047)	NA	NA
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0057)	ND(0.0049)	ND(0.0052)	ND(0.005)	ND(0.0048)	ND(0.0039)	ND(0.0045)	ND(0.0080)	ND(0.0087)	NA	NA	NA	NA	ND(0.0047)	NA	NA
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0029)	ND(0.0024)	ND(0.0026)	ND(0.0025)	ND(0.0024)	ND(0.002)	ND(0.0022)	ND(0.0040)	ND(0.0043)	NA	NA	NA	NA	ND(0.0024)	NA	NA
Acetone	mg/Kg	0.8	16	--	--	ND(0.0092)	ND(0.0078)	ND(0.0083)	ND(0.0079)	ND(0.0077)	ND(0.0063)	ND(0.0072)	ND(0.013)	**0.018J**	NA	NA	NA	NA	**0.0076J**	NA	NA
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0023)	ND(0.0019)	ND(0.0021)	ND(0.0020)	ND(0.0019)	ND(0.0016)	ND(0.0018)	ND(0.0032)	ND(0.0035)	NA	NA	NA	NA	ND(0.0019)	NA	NA
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
Chlorate	mg/Kg	--	--	--	--	NA	NA	NA	NA	**1.4**	**0.092J**	**0.10J**	**NA**	**NA**	**370**	**170**	**190**	**110**	**80**	**560**	**440**
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0023)	ND(0.0019)	ND(0.0021)	ND(0.0020)	ND(0.0019)	ND(0.0016)	ND(0.0018)	ND(0.0032)	ND(0.0035)	NA	NA	NA	NA	ND(0.0019)	NA	NA
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	**0.017**	**0.015**	NA	NA	NA	NA	**0.0041**	NA	NA
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0023)	ND(0.0019)	ND(0.0021)	ND(0.0020)	ND(0.0019)	ND(0.0016)	ND(0.0018)	ND(0.0032)	ND(0.0035)	NA	NA	NA	NA	ND(0.0019)	NA	NA
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
m,p-Xylene	mg/Kg	10[e]	200[e]	--	--	ND(0.0023)	ND(0.0019)	ND(0.0021)	ND(0.0020)	ND(0.0019)	ND(0.0016)	ND(0.0018)	ND(0.0032)	ND(0.0035)	NA	NA	NA	NA	ND(0.0019)	NA	NA
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0057)	ND(0.0049)	ND(0.0052)	ND(0.005)	ND(0.0048)	ND(0.0039)	ND(0.0045)	ND(0.0080)	ND(0.0087)	NA	NA	NA	NA	ND(0.0047)	NA	NA
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
Naphthalene	mg/Kg	4	80	--	--	ND(0.0023)	ND(0.0019)	ND(0.0021)	ND(0.0020)	ND(0.0019)	ND(0.0016)	ND(0.0018)	ND(0.0032)	ND(0.0035)	NA	NA	NA	NA	ND(0.0019)	NA	NA
Nitrate as N	mg/Kg	--	--	--	--	NA	NA	NA	NA	**1.2**	ND(0.87)	ND(0.94)	NA	NA	**39**	**2**	**1.7**	**1.1J**	ND(0.94)	**2.9**	**4.7**
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
o-Xylene	mg/Kg	9	180	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
Styrene	mg/Kg	0.2	4	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
Sulfate	mg/Kg	--	--	--	--	NA	NA	NA	NA	**53**	**3800**	**240**	NA	NA	**950**	**310**	**540**	**280**	**130**	**420**	**100**
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.011)	ND(0.0097)	ND(0.010)	ND(0.0099)	ND(0.0096)	ND(0.0078)	ND(0.009)	ND(0.016)	ND(0.017)	NA	NA	NA	NA	0.011J ID	NA	NA
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
Toluene	mg/Kg	0.6	12	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
Trichloroethene	mg/Kg	0.003	0.06	--	--	**0.0011J**	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00099)	ND(0.00096)	ND(0.00078)	ND(0.00090)	ND(0.0016)	ND(0.0017)	NA	NA	NA	NA	ND(0.00095)	NA	NA
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0023)	ND(0.0019)	ND(0.0021)	ND(0.0020)	ND(0.0019)	ND(0.0016)	ND(0.0018)	ND(0.0032)	ND(0.0035)	NA	NA	NA	NA	ND(0.0019)	NA	NA

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-12 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																	
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'	40'	42.5'	45'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**0.33**	**0.92**	**0.32**	**0.089**	**0.089F1**	**0.39**	**2.3F2**	**6.3**	**4.6**	**1.3**	**1.3**	**0.37**	**0.63**	**0.32**	**0.2**	**0.075**	**0.61**	**0.75**	**1.1**
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.17)	ND(0.17)	ND(0.18)	ND(0.18)	ND(0.18)	**0.42**	**4.7**	**4.8**	**1.1**	**0.17J**	**0.21J**	**0.47**	**0.17J**	ND(0.17)	ND(0.16)	**0.18J**	**0.63**	**0.28J**	**0.30J**
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**14**	**13**	**13**	**13**	**10**	**23**	**25**	**40**	**49**	**24**	**21**	**17**	**13**	**17**	**16**	**15**	**23**	**18**	**15**
Percent Moisture	%	--	--	--	--	**9.9**	**11.9**	**15.9**	**16.5**	**15.7**	**15.3**	**11.1**	**5.2**	**9.8**	**8.9**	**20.5**	**17.5**	**7.3**	**13.4**	**5**	**10.5**	**13.4**	**7.5**	**9.2**
VOCs																								
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)*	ND(0.00090)*	ND(0.00092)*	ND(0.00091)*	ND(0.00095)*	ND(0.0010)*	ND(0.00097)*	ND(0.00092)*	ND(0.00093)*	ND(0.00085)*	ND(0.00089)*	ND(0.0011)*	ND(0.0019)*	ND(0.00089)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0021)	ND(0.0022)	ND(0.0018)	ND(0.0018)	ND(0.0018)	ND(0.0018)	ND(0.0019)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0023)	ND(0.0039)	ND(0.0018)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0051)	ND(0.0048)	ND(0.0051)	ND(0.0053)	ND(0.0054)	ND(0.0045)	ND(0.0045)	ND(0.0046)	ND(0.0045)	ND(0.0047)	ND(0.0052)	ND(0.0048)	ND(0.0046)	ND(0.0047)	ND(0.0042)	ND(0.0044)	ND(0.0057)	ND(0.0097)	ND(0.0044)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0051)	ND(0.0048)	ND(0.0051)	ND(0.0053)	ND(0.0054)	ND(0.0045)	ND(0.0045)	ND(0.0046)	ND(0.0045)	ND(0.0047)	ND(0.0052)	ND(0.0048)	ND(0.0046)	ND(0.0047)	ND(0.0042)	ND(0.0044)	ND(0.0057)	ND(0.0097)	ND(0.0044)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0026)	ND(0.0024)	ND(0.0025)	ND(0.0027)	ND(0.0027)	ND(0.0023)	ND(0.0022)	ND(0.0023)	ND(0.0023)	ND(0.0024)	ND(0.0026)	ND(0.0024)	ND(0.0023)	ND(0.0023)	ND(0.0021)	ND(0.0022)	ND(0.0029)	ND(0.0049)	ND(0.0022)
Acetone	mg/Kg	0.8	16	--	--	**0.017J**	ND(0.0077)	ND(0.0081)	ND(0.0085)	ND(0.0086)	**0.048**	**0.012J**	**0.016J**	ND(0.0072)	ND(0.0076)	ND(0.0083)	ND(0.0077)	ND(0.0074)	ND(0.0075)	ND(0.0068)	ND(0.0071)	**0.022J**	ND(0.016)	ND(0.0071)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0021)	ND(0.0022)	ND(0.0018)	ND(0.0018)	ND(0.0018)	ND(0.0018)	ND(0.0019)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0023)	ND(0.0039)	ND(0.0018)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0021)	ND(0.0022)	ND(0.0018)	ND(0.0018)	ND(0.0018)	ND(0.0018)	ND(0.0019)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0023)	ND(0.0039)	ND(0.0018)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0021)	ND(0.0022)	ND(0.0018)	ND(0.0018)	ND(0.0018)	ND(0.0018)	ND(0.0019)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0023)	ND(0.0039)	ND(0.0018)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0021)	ND(0.0022)	ND(0.0018)	ND(0.0018)	ND(0.0018)	ND(0.0018)	ND(0.0019)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0023)	ND(0.0039)	ND(0.0018)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0051)	ND(0.0048)	ND(0.0051)	ND(0.0053)	ND(0.0054)	ND(0.0045)	ND(0.0045)	ND(0.0046)	ND(0.0045)	ND(0.0047)	ND(0.0052)	ND(0.0048)	ND(0.0046)	ND(0.0047)	ND(0.0042)	ND(0.0044)	ND(0.0057)	ND(0.0097)	ND(0.0044)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0021)	ND(0.0022)	ND(0.0018)	ND(0.0018)	ND(0.0018)	ND(0.0018)	ND(0.0019)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0023)	ND(0.0039)	ND(0.0018)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
o-Xylene	mg/Kg	9	180	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Styrene	mg/Kg	0.2	4	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	**0.012J ID**	ND(0.0096)	ND(0.010)	ND(0.011)	ND(0.011)	**0.010J ID**	ND(0.0090)	ND(0.0092)	**0.048J**	**0.013J ID**	**0.025J**	ND(0.0097)	ND(0.0092)	ND(0.0093)	ND(0.0085)	ND(0.0089)	ND(0.011)	ND(0.019)	ND(0.0089)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Toluene	mg/Kg	0.6	12	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00091)	ND(0.00090)	ND(0.00092)	ND(0.00091)	ND(0.00095)	ND(0.0010)	ND(0.00097)	ND(0.00092)	ND(0.00093)	ND(0.00085)	ND(0.00089)	ND(0.0011)	ND(0.0019)	ND(0.00089)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0021)	ND(0.0022)	ND(0.0018)	ND(0.0018)	ND(0.0018)	ND(0.0018)	ND(0.0019)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0023)	ND(0.0039)	ND(0.0018)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

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Borehole U4U5-13 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface															
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'	40'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**0.51**	**1.1**	**1.9**	**0.34**	**1.4**	**2.4**	**1.3**	**2.7**	**3.6**	**3**	**0.75**	**6.9**	**7.9**	**3.4**	**12**	**15**	**45**
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.16)	ND(0.17)	ND(0.17)	ND(0.17)	**0.21J**	ND(0.17)	ND(0.18)	ND(0.16)	ND(0.17)	ND(0.16)	ND(0.18)	ND(0.16)	ND(0.16)	ND(0.19)	ND(0.16)	**0.24J**	ND(0.24)
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**18**	**22**	**18**	**20**	**16**	**23**	**23**	**22**	**22**	**28**	**24**	**21**	**26**	**10**	**18**	**75**	**63**
Percent Moisture	%	--	--	--	--	**7.5**	**11.9**	**14.1**	**13.8**	**7.7**	**9.6**	**15.2**	**9.7**	**8.4**	**7.7**	**13.9**	**8.3**	**7.1**	**18.4**	**9.3**	**33.2**	**38.4**
VOCs																						
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0019)	ND(0.0016)	ND(0.0022)	ND(0.0016)	ND(0.0021)	ND(0.0017)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0016)	ND(0.0019)	ND(0.0017)	ND(0.0021)	ND(0.0019)	ND(0.0028)	ND(0.0027)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0048)	ND(0.0039)	ND(0.0054)	ND(0.0039)	ND(0.0052)	ND(0.0044)	ND(0.0045)	ND(0.0045)	ND(0.0042)	ND(0.0044)	ND(0.0039)	ND(0.0049)	ND(0.0043)	ND(0.0052)	ND(0.0046)	ND(0.0070)	ND(0.0067)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0048)	ND(0.0039)	ND(0.0054)	ND(0.0039)	ND(0.0052)	ND(0.0044)	ND(0.0045)	ND(0.0045)	ND(0.0042)	ND(0.0044)	ND(0.0039)	ND(0.0049)	ND(0.0043)	ND(0.0052)	ND(0.0046)	ND(0.0070)	ND(0.0067)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0024)	ND(0.0020)	ND(0.0027)	ND(0.0020)	ND(0.0026)	ND(0.0022)	ND(0.0023)	ND(0.0022)	ND(0.0021)	ND(0.0022)	ND(0.0019)	ND(0.0024)	ND(0.0021)	ND(0.0026)	ND(0.0023)	ND(0.0035)	ND(0.0034)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0077)	ND(0.0063)	ND(0.0087)	ND(0.0063)	ND(0.0083)	ND(0.0070)	ND(0.0073)	ND(0.0072)	ND(0.0067)	ND(0.0070)	ND(0.0062)	ND(0.0078)	ND(0.0068)	ND(0.0083)	ND(0.0074)	ND(0.011)	ND(0.011)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.00096)*	ND(0.00078)*	ND(0.0011)*	ND(0.00078)*	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0019)	ND(0.0016)	ND(0.0022)	ND(0.0016)	ND(0.0021)	ND(0.0017)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0016)	ND(0.0019)	ND(0.0017)	ND(0.0021)	ND(0.0019)	ND(0.0028)	ND(0.0027)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0019)	ND(0.0016)	ND(0.0022)	ND(0.0016)	ND(0.0021)	ND(0.0017)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0016)	ND(0.0019)	ND(0.0017)	ND(0.0021)	ND(0.0019)	ND(0.0028)	ND(0.0027)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	**0.00093J**	**0.0013J**	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	**0.023**	**0.062**
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00096)*	ND(0.00078)*	ND(0.0011)*	ND(0.00078)*	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0019)	ND(0.0016)	ND(0.0022)	ND(0.0016)	ND(0.0021)	ND(0.0017)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0016)	ND(0.0019)	ND(0.0017)	ND(0.0021)	ND(0.0019)	ND(0.0028)	ND(0.0027)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)*	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0019)	ND(0.0016)	ND(0.0022)	ND(0.0016)	ND(0.0021)	ND(0.0017)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0016)	ND(0.0019)	ND(0.0017)	ND(0.0021)	ND(0.0019)	ND(0.0028)	ND(0.0027)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0048)	ND(0.0039)	ND(0.0054)	ND(0.0039)	ND(0.0052)	ND(0.0044)	ND(0.0045)	ND(0.0045)	ND(0.0042)	ND(0.0044)	ND(0.0039)	ND(0.0049)	ND(0.0043)	ND(0.0052)	ND(0.0046)	ND(0.0070)	ND(0.0067)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0019)	ND(0.0016)	ND(0.0022)	ND(0.0016)	ND(0.0021)	ND(0.0017)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0016)	ND(0.0019)	ND(0.0017)	ND(0.0021)	ND(0.0019)	ND(0.0028)	ND(0.0027)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)*	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)*	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)*	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0096)	ND(0.0078)	ND(0.011)	ND(0.0078)	ND(0.010)	ND(0.0087)	ND(0.0091)	ND(0.0090)	ND(0.0084)	ND(0.0088)	ND(0.0078)	ND(0.0097)	ND(0.0085)	ND(0.010)	ND(0.0093)	ND(0.014)	ND(0.013)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
Toluene	mg/Kg	0.6	12	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00096)	ND(0.00078)	ND(0.0011)	ND(0.00078)	ND(0.0010)	ND(0.00087)	ND(0.00091)	ND(0.00090)	ND(0.00084)	ND(0.00088)	ND(0.00078)	ND(0.00097)	ND(0.00085)	ND(0.0010)	ND(0.00093)	ND(0.0014)	ND(0.0013)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0019)	ND(0.0016)	ND(0.0022)	ND(0.0016)	ND(0.0021)	ND(0.0017)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0016)	ND(0.0019)	ND(0.0017)	ND(0.0021)	ND(0.0019)	ND(0.0028)	ND(0.0027)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-14 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																	
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'	40'	42.5'	45'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**0.18**	**0.63**	**4**	**1.4**	**1.3**	**5.9**	**6.8**	**3.6**	**17**	**19**	**16**	**19**	**19**	**4.3**	**11**	**16**	**5.4**	**14**	**21**
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.16)	ND(0.16)	ND(0.16)	**1.0**	**0.24J**	ND(0.17)	ND(0.17)	ND(0.18)	ND(0.17)	ND(0.16)	ND(0.16)	**0.18J**	**0.24J**	ND(0.16)	**0.23J**	ND(0.17)	ND(0.17)	0.58	0.48
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**21**	**23**	**20**	**40**	**22**	**18**	**15**	**19**	**21**	**17**	**19**	**18**	**17**	**16**	**16**	**19**	**17**	**23**	**37**
Percent Moisture	%	--	--	--	--	**6.2**	**9.7**	**10.3**	**12.4**	**7.9**	**8.6**	**8.5**	**13.3**	**9.2**	**8.2**	**6.7**	**8.2**	**7.8**	**9.2**	**6.8**	**11.6**	**11.2**	**15.2**	**29.2**
VOCs																								
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	**0.0017J**	**0.0014J**	**0.0029J**	**0.0017J**	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	**0.0022J**	**0.0021J**	**0.0052**	**0.0033J**	**0.0011J**	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0019)	ND(0.0017)	ND(0.0015)	ND(0.0017)	ND(0.0016)	ND(0.0016)	ND(0.0024)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0013)	ND(0.0017)	ND(0.0016)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0018)	ND(0.0022)	ND(0.0024)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0047)	ND(0.0041)	ND(0.0038)	ND(0.0043)	ND(0.0039)	ND(0.0040)	ND(0.0059)	ND(0.0048)	ND(0.0046)	ND(0.0039)	ND(0.0032)	ND(0.0042)	ND(0.0040)	ND(0.0046)	ND(0.0047)	ND(0.0049)	ND(0.0046)	ND(0.0056)	ND(0.0059)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0047)	ND(0.0041)	ND(0.0038)	ND(0.0043)	ND(0.0039)	ND(0.0040)	ND(0.0059)	ND(0.0048)	ND(0.0046)	ND(0.0039)	ND(0.0032)	ND(0.0042)	ND(0.0040)	ND(0.0046)	ND(0.0047)	ND(0.0049)	ND(0.0046)	ND(0.0056)	ND(0.0059)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0023)	ND(0.0021)	ND(0.0019)	ND(0.0021)	ND(0.0020)	ND(0.0020)	ND(0.0029)	ND(0.0024)	ND(0.0023)	ND(0.0019)	ND(0.0016)	ND(0.0021)	ND(0.0020)	ND(0.0023)	ND(0.0024)	ND(0.0024)	ND(0.0023)	ND(0.0028)	ND(0.0030)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0074)	ND(0.0066)	ND(0.0060)	ND(0.0069)	ND(0.0062)	ND(0.0064)	ND(0.0094)	ND(0.0076)	ND(0.0074)	ND(0.0062)	ND(0.0051)	ND(0.0067)	ND(0.0064)	ND(0.0074)	ND(0.0075)	ND(0.0078)	ND(0.0073)	ND(0.0089)	ND(0.0095)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0019)	ND(0.0017)	ND(0.0015)	ND(0.0017)	ND(0.0016)	ND(0.0016)	ND(0.0024)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0013)	ND(0.0017)	ND(0.0016)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0018)	ND(0.0022)	ND(0.0024)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0019)	ND(0.0017)	ND(0.0015)	ND(0.0017)	ND(0.0016)	ND(0.0016)	ND(0.0024)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0013)	ND(0.0017)	ND(0.0016)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0018)	ND(0.0022)	ND(0.0024)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	**0.0011J**	**0.0011J**	ND(0.00098)	ND(0.00092)	ND(0.0011)	**0.0017J**
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0019)	ND(0.0017)	ND(0.0015)	ND(0.0017)	ND(0.0016)	ND(0.0016)	ND(0.0024)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0013)	ND(0.0017)	ND(0.0016)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0018)	ND(0.0022)	ND(0.0024)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0019)	ND(0.0017)	ND(0.0015)	ND(0.0017)	ND(0.0016)	ND(0.0016)	ND(0.0024)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0013)	ND(0.0017)	ND(0.0016)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0018)	ND(0.0022)	ND(0.0024)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0047)	ND(0.0041)	ND(0.0038)	ND(0.0043)	ND(0.0039)	ND(0.0040)	ND(0.0059)	ND(0.0048)	ND(0.0046)	ND(0.0039)	ND(0.0032)	ND(0.0042)	ND(0.0040)	ND(0.0046)	ND(0.0047)	ND(0.0049)	ND(0.0046)	ND(0.0056)	ND(0.0059)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0019)	ND(0.0017)	ND(0.0015)	ND(0.0017)	ND(0.0016)	ND(0.0016)	ND(0.0024)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0013)	ND(0.0017)	ND(0.0016)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0018)	ND(0.0022)	ND(0.0024)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0093)	ND(0.0083)	ND(0.0075)	ND(0.0086)	ND(0.0078)	ND(0.0080)	ND(0.012)	ND(0.0096)	ND(0.0093)	ND(0.0078)	ND(0.0064)	ND(0.0083)	ND(0.0080)	ND(0.0093)	ND(0.0094)	ND(0.0098)	ND(0.0092)	ND(0.011)	ND(0.012)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
Toluene	mg/Kg	0.6	12	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00093)	ND(0.00083)	ND(0.00075)	ND(0.00086)	ND(0.00078)	ND(0.00080)	ND(0.0012)	ND(0.00096)	ND(0.00093)	ND(0.00078)	ND(0.00064)	ND(0.00083)	ND(0.00080)	ND(0.00093)	ND(0.00094)	ND(0.00098)	ND(0.00092)	ND(0.0011)	ND(0.0012)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0019)	ND(0.0017)	ND(0.0015)	ND(0.0017)	ND(0.0016)	ND(0.0016)	ND(0.0024)	ND(0.0019)	ND(0.0019)	ND(0.0016)	ND(0.0013)	ND(0.0017)	ND(0.0016)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0018)	ND(0.0022)	ND(0.0024)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

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Borehole U4U5-15 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																	
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'	40'	42.5'	45'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**1.9F1**	**2**	**29**	**4.4**	**14**	**11**	**5.3**	**22**	**19**	**24**	**14**	**7**	**8.5**	**4**	**0.54**	**11**	**21**	**0.65**	**21**
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.16)	ND(0.16)	ND(0.16)	**1.8**	**11**	ND(0.20)	ND(0.17)	**0.25J**	ND(0.17)	**0.31J**	**0.27J**	**0.25J**	**0.24J**	ND(0.16)	ND(0.17)	ND(0.18)	ND(0.17)	ND(0.17)	ND(0.26)
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**23**	**22**	**23**	**26**	**550**	**23**	**20**	**23**	**18**	**21**	**18**	**20**	**17**	**17**	**13**	**22**	**23**	**12**	**57**
Percent Moisture	%	--	--	--	--	**7.6**	**7.6**	**8.1**	**14**	**14.7**	**25.1**	**10.7**	**9.6**	**10.9**	**11.7**	**9.6**	**11.6**	**8.1**	**6.1**	**14.8**	**14.1**	**10.8**	**8.0**	**41.7**
VOCs																								
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0015)	ND(0.0021)	ND(0.0020)	ND(0.0012)	ND(0.0021)	ND(0.0023)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0017)	ND(0.0016)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0017)	ND(0.0032)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0037)	ND(0.0053)	ND(0.0051)	ND(0.0030)	ND(0.0052)	ND(0.0059)	ND(0.0045)	ND(0.0045)	ND(0.0042)	ND(0.0045)	ND(0.0042)	ND(0.0043)	ND(0.0039)	ND(0.0041)	ND(0.0044)	ND(0.0047)	ND(0.0046)	ND(0.0042)	ND(0.0080)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0037)	ND(0.0053)	ND(0.0051)	ND(0.0030)	ND(0.0052)	ND(0.0059)	ND(0.0045)	ND(0.0045)	ND(0.0042)	ND(0.0045)	ND(0.0042)	ND(0.0043)	ND(0.0039)	ND(0.0041)	ND(0.0044)	ND(0.0047)	ND(0.0046)	ND(0.0042)	ND(0.0080)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0019)	ND(0.0027)	ND(0.0025)	ND(0.0015)	ND(0.0026)	ND(0.0029)	ND(0.0022)	ND(0.0023)	ND(0.0021)	ND(0.0023)	ND(0.0021)	ND(0.0021)	ND(0.0020)	ND(0.0021)	ND(0.0022)	ND(0.0023)	ND(0.0023)	ND(0.0021)	ND(0.0040)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0059)	ND(0.0085)	ND(0.0081)	ND(0.0048)	ND(0.0083)	ND(0.0094)	ND(0.0072)	ND(0.0072)	ND(0.0067)	ND(0.0073)	ND(0.0068)	ND(0.0069)	ND(0.0062)	ND(0.0066)	ND(0.0071)	ND(0.0075)	ND(0.0074)	ND(0.0068)	ND(0.013)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)*	ND(0.00089)*	ND(0.00090)*	ND(0.00084)*	ND(0.00091)	ND(0.00085)*	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0015)	ND(0.0021)	ND(0.0020)	ND(0.0012)	ND(0.0021)	ND(0.0023)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0017)	ND(0.0016)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0017)	ND(0.0032)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0015)	ND(0.0021)	ND(0.0020)	ND(0.0012)	ND(0.0021)	ND(0.0023)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0017)	ND(0.0016)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0017)	ND(0.0032)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	**0.029**
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)*	ND(0.00089)*	ND(0.00090)*	ND(0.00084)*	ND(0.00091)	ND(0.00085)*	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0015)	ND(0.0021)	ND(0.0020)	ND(0.0012)	ND(0.0021)	ND(0.0023)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0017)	ND(0.0016)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0017)	ND(0.0032)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)*	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0015)	ND(0.0021)	ND(0.0020)	ND(0.0012)	ND(0.0021)	ND(0.0023)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0017)	ND(0.0016)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0017)	ND(0.0032)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0037)	ND(0.0053)	ND(0.0051)	ND(0.0030)	ND(0.0052)	ND(0.0059)	ND(0.0045)	ND(0.0045)	ND(0.0042)	ND(0.0045)	ND(0.0042)	ND(0.0043)	ND(0.0039)	ND(0.0041)	ND(0.0044)	ND(0.0047)	ND(0.0046)	ND(0.0042)	ND(0.0080)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0015)	ND(0.0021)	ND(0.0020)	ND(0.0012)	ND(0.0021)	ND(0.0023)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0017)	ND(0.0016)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0017)	ND(0.0032)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)*	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)*	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)*	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0074)	ND(0.011)	ND(0.010)	ND(0.0060)	ND(0.010)	ND(0.012)	ND(0.0089)	ND(0.0090)	ND(0.0084)	ND(0.0091)	ND(0.0085)	ND(0.0086)	ND(0.0078)	ND(0.0083)	ND(0.0088)	ND(0.0094)	ND(0.0092)	ND(0.0084)	ND(0.016)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
Toluene	mg/Kg	0.6	12	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00074)	ND(0.0011)	ND(0.0010)	ND(0.00060)	ND(0.0010)	ND(0.0012)	ND(0.00089)	ND(0.00090)	ND(0.00084)	ND(0.00091)	ND(0.00085)	ND(0.00086)	ND(0.00078)	ND(0.00083)	ND(0.00088)	ND(0.00094)	ND(0.00092)	ND(0.00084)	ND(0.0016)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0015)	ND(0.0021)	ND(0.0020)	ND(0.0012)	ND(0.0021)	ND(0.0023)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0017)	ND(0.0016)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0017)	ND(0.0032)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

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Borehole U4U5-16 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																								
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'	40'	50'	60'	70'	80'	90'	100'	110'	120'	130'	140'	150'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**57**	**20**	**9.5**	**17**	**9.8**	**16**	**12**	**5.4**	**4.9**	**3**	**2.9**	**2.9**	**0.91J**	**5.2**	**7.1**	**9**	**35**	**5.6**	**4.5**	**6.4**	**8.1**	**71**	**190**	**280**	**5.3**	**0.032J**	ND(0.015)	ND(0.017)
Hexavalent chromium	mg/Kg	2	40	--	--	**0.19J**	ND(0.17)	ND(0.17)	0.27J	ND(0.19)	ND(0.17)	ND(0.17)	ND(0.16)	**0.17J**	ND(0.16)	**0.16J**	**0.33**	**0.20J**	**0.31J**	**0.30J**	ND(0.17)	ND(0.23)	**0.49**	**0.46**	ND(0.24)	**0.69**	**13**	**15**	**18**	ND(0.20)	ND(0.22)	ND(0.23)	ND(0.27)
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**24**	**24**	**21**	**24**	**25**	**21**	**20**	**21**	**20**	**18**	**22**	**21**	**20**	**19**	**15**	**23**	**96**	**32**	**32**	**36**	**34**	**44**	**56**	**53**	**26**	**47**	**31**	**62**
Percent Moisture	%	--	--	--	--	**9.2**	**7.9**	**10.2**	**11.6**	**23**	**13.7**	**11.8**	**7.8**	**8.8**	**8.2**	**8.9**	**7.7**	**10.8**	**8.3**	**9.0**	**10.4**	**34.3**	**35.1**	**33.9**	**36.9**	**39.6**	**45.2**	**36.9**	**36.2**	**26.2**	**31**	**35.3**	**42.8**
VOCs																																
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0013)	ND(0.0018)	ND(0.0021)	ND(0.0022)	ND(0.0017)	ND(0.0020)	ND(0.0019)	ND(0.0017)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0019)	ND(0.0022)	ND(0.0035)	ND(0.0024)	ND(0.0028)	ND(0.0027)	ND(0.0028)	ND(0.0029)	ND(0.0028)	ND(0.0027)	ND(0.0020)	ND(0.0024)	ND(0.0029)	ND(0.0036)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0047)	**0.011**	ND(0.0046)	ND(0.0034)	ND(0.0045)	ND(0.0053)	ND(0.0056)	ND(0.0043)	ND(0.0051)	ND(0.0047)	ND(0.0043)	ND(0.0050)	ND(0.0054)	ND(0.0050)	ND(0.0047)	ND(0.0055)	ND(0.0087)	ND(0.0061)	ND(0.0070)	ND(0.0067)	ND(0.0071)	ND(0.0074)	ND(0.0071)	ND(0.0068)	ND(0.0050)	ND(0.0060)	ND(0.0071)	ND(0.0090)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0047)	ND(0.0045)	ND(0.0046)	ND(0.0034)	ND(0.0045)	ND(0.0053)	ND(0.0056)	ND(0.0043)	ND(0.0051)	ND(0.0047)	ND(0.0043)	ND(0.0050)	ND(0.0054)	ND(0.0050)	ND(0.0047)	ND(0.0055)	ND(0.0087)	ND(0.0061)	ND(0.0070)	ND(0.0067)	ND(0.0071)	ND(0.0074)	ND(0.0071)	ND(0.0068)	ND(0.0050)	ND(0.0060)	ND(0.0071)	ND(0.0090)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0023)	ND(0.0023)	ND(0.0023)	ND(0.0017)	ND(0.0022)	ND(0.0027)	ND(0.0028)	ND(0.0021)	ND(0.0025)	ND(0.0024)	ND(0.0022)	ND(0.0025)	ND(0.0027)	ND(0.0025)	ND(0.0024)	ND(0.0027)	ND(0.0043)	ND(0.0031)	ND(0.0035)	ND(0.0033)	ND(0.0036)	ND(0.0037)	ND(0.0036)	ND(0.0034)	ND(0.0025)	ND(0.0030)	ND(0.0036)	ND(0.0045)
Acetone	mg/Kg	0.8	16	--	--	**0.036**	**0.086**	ND(0.0074)	ND(0.0054)	ND(0.0071)	ND(0.0085)	ND(0.0089)	**0.022**	ND(0.0081)	ND(0.0075)	ND(0.0069)	ND(0.0080)	ND(0.0086)	ND(0.0080)	ND(0.0076)	ND(0.0087)	ND(0.014)	ND(0.0098)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.011)	ND(0.0080)	ND(0.0095)	ND(0.011)	ND(0.014)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0013)	ND(0.0018)	ND(0.0021)	ND(0.0022)	ND(0.0017)	ND(0.0020)	ND(0.0019)	ND(0.0017)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0019)	ND(0.0022)	ND(0.0035)	ND(0.0024)	ND(0.0028)	ND(0.0027)	ND(0.0028)	ND(0.0029)	ND(0.0028)	ND(0.0027)	ND(0.0020)	ND(0.0024)	ND(0.0029)	ND(0.0036)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
Chlorate	mg/Kg	--	--	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0013)	ND(0.0018)	ND(0.0021)	ND(0.0022)	ND(0.0017)	ND(0.0020)	ND(0.0019)	ND(0.0017)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0019)	ND(0.0022)	ND(0.0035)	ND(0.0024)	ND(0.0028)	ND(0.0027)	ND(0.0028)	ND(0.0029)	ND(0.0028)	ND(0.0027)	ND(0.0020)	ND(0.0024)	ND(0.0029)	ND(0.0036)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	**0.0011J**	ND(0.0011)	**0.027**	**0.041**	**0.045**	**0.150**	**0.100**	**1.100**	**1.0**	**0.7**	**0.0038**	ND(0.0012)	ND(0.0014)	ND(0.0018)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0013)	ND(0.0018)	ND(0.0021)	ND(0.0022)	ND(0.0017)	ND(0.0020)	ND(0.0019)	ND(0.0017)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0019)	ND(0.0022)	ND(0.0035)	ND(0.0024)	ND(0.0028)	ND(0.0027)	ND(0.0028)	ND(0.0029)	ND(0.0028)	ND(0.0027)	ND(0.0020)	ND(0.0024)	ND(0.0029)	ND(0.0036)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00093)	**0.0011J**	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.00093)	ND(0.00091)	ND(0.00092)	ND(0.00067)	ND(0.00089)	ND(0.0011)	ND(0.0011)	ND(0.00085)	ND(0.0010)	ND(0.00094)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.0012)	ND(0.0014)	ND(0.0013)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.0014)	ND(0.0018)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0013)	ND(0.0018)	ND(0.0021)	ND(0.0022)	ND(0.0017)	ND(0.0020)	ND(0.0019)	ND(0.0017)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0019)	ND(0.0022)	ND(0.0035)	ND(0.0024)	ND(0.0028)	ND(0.0027)	ND(0.0028)	ND(0.0029)	ND(0.0028)	ND(0.0027)	ND(0.0020)	ND(0.0024)	ND(0.0029)	ND(0.0036)
m,p-Xylene	mg/Kg	10*	200*	--	--	ND(0.0047)	ND(0.0045)	ND(0.0046)	ND(0.0034)	ND(0.0045)	ND(0.0053)	ND(0.0056)	ND(0.0043)	ND(0.0051)	ND(0.0047)	ND(0.0043)	ND(0.0050)	ND(0.0054)	ND(0.0050)	ND(0.0047)	ND(0.0055)	ND(0.0087)	ND(0.0061)	ND(0.0070)	ND(0.0067)	ND(0.0071)	ND(0.0074)	ND(0.0071)	ND(0.0068)	ND(0.0050)	ND(0.0060)	ND(0.0071)	ND(0.0090)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.00093)	ND(0.00091)

Borehole U4U5-17 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																				
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'	40'	42.5'	45'	47.5'	50'	52.5'	55'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**0.12**	**0.17**	**0.048**	**0.081**	**0.22**	**0.47**	**0.74F1**	**3.2**	**3**	**5.5**	**3.2**	**3.2**	**2.9**	**6.4**	**6.3**	**2.3**	**12**	**6.3**	**7.3**	**5**	**3.6**	**6.3**	**9.8**
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.16)	ND(0.17)	ND(0.18)	ND(0.17)	ND(0.17)	ND(0.16)	ND(0.16)	ND(0.19)	ND(0.19)	ND(0.16)	ND(0.17)	ND(0.18)	ND(0.18)	ND(0.16)	ND(0.18)	ND(0.17)	ND(0.23)	ND(0.16)	ND(0.16)	ND(0.19)	0.20J	ND(0.16)	ND(0.22)
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**22**	**20**	**17**	**19**	**20**	**21**	**22**	**17**	**18**	**22**	**21**	**19**	**22**	**18**	**18**	**9.3**	**34**	**19**	**21**	**24**	**18**	**23**	**28**
Percent Moisture	%	--	--	--	--	**8.7**	**9.5**	**14.6**	**13.6**	**11.9**	**7.3**	**7.3**	**20.8**	**21**	**8.7**	**12.5**	**16.7**	**14.1**	**7.3**	**17**	**11.9**	**34.1**	**7.5**	**7.1**	**19.1**	**8.8**	**7.0**	**32.6**
VOCs																												
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	**0.0023**	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0017)	ND(0.0021)	ND(0.0021)	ND(0.0017)	ND(0.0019)	ND(0.0019)	ND(0.0018)	ND(0.0017)	ND(0.0023)	ND(0.0018)	ND(0.0031)	ND(0.0016)	ND(0.0018)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0022)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0047)	ND(0.0048)	ND(0.0042)	ND(0.0043)	ND(0.0044)	ND(0.0049)	ND(0.0041)	ND(0.0052)	ND(0.0052)	ND(0.0042)	ND(0.0047)	ND(0.0048)	ND(0.0044)	ND(0.0042)	ND(0.0058)	ND(0.0045)	ND(0.0077)	ND(0.0039)	ND(0.0044)	ND(0.0051)	ND(0.0047)	ND(0.0044)	ND(0.0054)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0047)	ND(0.0048)	ND(0.0042)	ND(0.0043)	ND(0.0044)	ND(0.0049)	ND(0.0041)	ND(0.0052)	ND(0.0052)	ND(0.0042)	ND(0.0047)	ND(0.0048)	ND(0.0044)	ND(0.0042)	ND(0.0058)	ND(0.0045)	ND(0.0077)	ND(0.0039)	ND(0.0044)	ND(0.0051)	ND(0.0047)	ND(0.0044)	ND(0.0054)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0024)	ND(0.0024)	ND(0.0021)	ND(0.0022)	ND(0.0022)	ND(0.0024)	ND(0.0021)	ND(0.0026)	ND(0.0026)	ND(0.0021)	ND(0.0024)	ND(0.0024)	ND(0.0022)	ND(0.0021)	ND(0.0029)	ND(0.0022)	ND(0.0038)	ND(0.0019)	ND(0.0022)	ND(0.0026)	ND(0.0023)	ND(0.0022)	ND(0.0027)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0075)	ND(0.0076)	ND(0.0068)	ND(0.0069)	ND(0.0071)	**0.020**	ND(0.0066)	ND(0.0084)	ND(0.0084)	ND(0.0067)	ND(0.0076)	ND(0.0077)	ND(0.0070)	ND(0.0067)	ND(0.0093)	ND(0.0071)	ND(0.012)	ND(0.0062)	ND(0.0071)	ND(0.0082)	ND(0.0075)	**0.010J**	ND(0.0087)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0017)	ND(0.0021)	ND(0.0021)	ND(0.0017)	ND(0.0019)	ND(0.0019)	ND(0.0018)	ND(0.0017)	ND(0.0023)	ND(0.0018)	ND(0.0031)	ND(0.0016)	ND(0.0018)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0022)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
Chlorate	mg/Kg	--	--	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0017)	ND(0.0021)	ND(0.0021)	ND(0.0017)	ND(0.0019)	ND(0.0019)	ND(0.0018)	ND(0.0017)	ND(0.0023)	ND(0.0018)	ND(0.0031)	ND(0.0016)	ND(0.0018)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0022)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	**0.012**
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0017)	ND(0.0021)	ND(0.0021)	ND(0.0017)	ND(0.0019)	ND(0.0019)	ND(0.0018)	ND(0.0017)	ND(0.0023)	ND(0.0018)	ND(0.0031)	ND(0.0016)	ND(0.0018)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0022)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0017)	ND(0.0021)	ND(0.0021)	ND(0.0017)	ND(0.0019)	ND(0.0019)	ND(0.0018)	ND(0.0017)	ND(0.0023)	ND(0.0018)	ND(0.0031)	ND(0.0016)	ND(0.0018)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0022)
m,p-Xylene	mg/Kg	10[e]	200[e]	--	--	ND(0.0047)	ND(0.0048)	ND(0.0042)	ND(0.0043)	ND(0.0044)	ND(0.0049)	ND(0.0041)	ND(0.0052)	ND(0.0052)	ND(0.0042)	ND(0.0047)	ND(0.0048)	ND(0.0044)	ND(0.0042)	ND(0.0058)	ND(0.0045)	ND(0.0077)	ND(0.0039)	ND(0.0044)	ND(0.0051)	ND(0.0047)	ND(0.0044)	ND(0.0054)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0017)	ND(0.0018)	**0.0072**	ND(0.0017)	ND(0.0021)	ND(0.0021)	ND(0.0017)	ND(0.0019)	ND(0.0019)	ND(0.0018)	ND(0.0017)	ND(0.0023)	ND(0.0018)	ND(0.0031)	ND(0.0016)	ND(0.0018)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0022)
Naphthalene	mg/Kg	4	80	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
Nitrate as N	mg/Kg	--	--	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
Styrene	mg/Kg	0.2	4	--	--	ND(0.0094)	ND(0.0095)	ND(0.0085)	ND(0.0087)	ND(0.0088)	ND(0.0097)	ND(0.0083)	ND(0.010)	ND(0.010)	ND(0.0084)	ND(0.0094)	ND(0.0096)	ND(0.0088)	ND(0.0084)	ND(0.012)	ND(0.0089)	ND(0.015)	ND(0.0078)	ND(0.0089)	ND(0.010)	ND(0.0094)	ND(0.0088)	ND(0.011)
Sulfate	mg/Kg	--	--	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(0.00088)	ND(0.00097)	ND(0.00083)	ND(0.0010)	ND(0.0010)	ND(0.00084)	ND(0.00094)	ND(0.00096)	ND(0.00088)	ND(0.00084)	ND(0.0012)	ND(0.00089)	ND(0.0015)	ND(0.00078)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.0011)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00094)	ND(0.00095)	ND(0.00085)	ND(0.00087)	ND(

Borehole U4U5-18 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface														
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**0.14**	**0.84**	**3.5**	**11**	**4.3**	**4.5**	**7.8**	**1.7**	**8.6**	**0.67**	**1.5**	**2.8**	**2.2**	**0.63**	**11**	**11**
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.17)	ND(0.16)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.19)	ND(0.16)	ND(0.18)	ND(0.19)	ND(0.18)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.17)	**5.0**	ND(0.19)
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**25**	**21**	**21**	**17**	**16**	**18**	**16**	**17**	**18**	**18**	**14**	**16**	**14**	**21**	**35**	**26**
Percent Moisture	%	--	--	--	--	**10.8**	**10.6**	**13.9**	**13.4**	**13.9**	**21.6**	**8.4**	**15.8**	**22.7**	**16.4**	**7.8**	**6.6**	**6.8**	**12.9**	**25**	**20.7**
VOCs																					
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0026)	ND(0.0014)	ND(0.0019)	ND(0.0014)	ND(0.0014)	ND(0.0018)	ND(0.0018)	ND(0.0020)	ND(0.0023)	ND(0.0019)	ND(0.0022)	ND(0.0018)	ND(0.0018)	ND(0.0020)	ND(0.0025)	ND(0.0022)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0066)	ND(0.0035)	ND(0.0048)	ND(0.0036)	ND(0.0035)	ND(0.0045)	ND(0.0045)	ND(0.0050)	ND(0.0059)	ND(0.0049)	ND(0.0054)	ND(0.0045)	ND(0.0046)	ND(0.0051)	ND(0.0063)	ND(0.0055)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0066)	ND(0.0035)	ND(0.0048)	ND(0.0036)	ND(0.0035)	ND(0.0045)	ND(0.0045)	ND(0.0050)	ND(0.0059)	ND(0.0049)	ND(0.0054)	ND(0.0045)	ND(0.0046)	ND(0.0051)	ND(0.0063)	ND(0.0055)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0033)	ND(0.0018)	ND(0.0024)	ND(0.0018)	ND(0.0018)	ND(0.0023)	ND(0.0023)	ND(0.0025)	ND(0.0029)	ND(0.0024)	ND(0.0027)	ND(0.0022)	ND(0.0023)	ND(0.0025)	ND(0.0032)	ND(0.0027)
Acetone	mg/Kg	0.8	16	--	--	ND(0.010)	ND(0.0056)	**0.010J**	**0.0089J**	ND(0.0056)	ND(0.0072)	ND(0.0072)	ND(0.0080)	ND(0.0094)	ND(0.0078)	ND(0.0086)	ND(0.0071)	ND(0.0073)	ND(0.0081)	ND(0.010)	ND(0.0088)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0026)	ND(0.0014)	ND(0.0019)	ND(0.0014)	ND(0.0014)	ND(0.0018)	ND(0.0018)	ND(0.0020)	ND(0.0023)	ND(0.0019)	ND(0.0022)	ND(0.0018)	ND(0.0018)	ND(0.0020)	ND(0.0025)	ND(0.0022)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0026)	ND(0.0014)	ND(0.0019)	ND(0.0014)	ND(0.0014)	ND(0.0018)	ND(0.0018)	ND(0.0020)	ND(0.0023)	ND(0.0019)	ND(0.0022)	ND(0.0018)	ND(0.0018)	ND(0.0020)	ND(0.0025)	ND(0.0022)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	**0.0023J**	**0.0100**
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0026)	ND(0.0014)	ND(0.0019)	ND(0.0014)	ND(0.0014)	ND(0.0018)	ND(0.0018)	ND(0.0020)	ND(0.0023)	ND(0.0019)	ND(0.0022)	ND(0.0018)	ND(0.0018)	ND(0.0020)	ND(0.0025)	ND(0.0022)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0026)	ND(0.0014)	ND(0.0019)	ND(0.0014)	ND(0.0014)	ND(0.0018)	ND(0.0018)	ND(0.0020)	ND(0.0023)	ND(0.0019)	ND(0.0022)	ND(0.0018)	ND(0.0018)	ND(0.0020)	ND(0.0025)	ND(0.0022)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0066)	ND(0.0035)	ND(0.0048)	ND(0.0036)	ND(0.0035)	ND(0.0045)	ND(0.0045)	ND(0.0050)	ND(0.0059)	ND(0.0049)	ND(0.0054)	ND(0.0045)	ND(0.0046)	ND(0.0051)	ND(0.0063)	ND(0.0055)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0026)	ND(0.0014)	ND(0.0019)	ND(0.0014)	ND(0.0014)	ND(0.0018)	ND(0.0018)	**0.035**	ND(0.0023)	ND(0.0019)	ND(0.0022)	ND(0.0018)	ND(0.0018)	ND(0.0020)	ND(0.0025)	ND(0.0022)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
o-Xylene	mg/Kg	9	180	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
Styrene	mg/Kg	0.2	4	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.013)	ND(0.0071)	ND(0.0095)	ND(0.0072)	ND(0.0071)	ND(0.0090)	ND(0.0090)	ND(0.010)	ND(0.012)	ND(0.0097)	ND(0.011)	ND(0.0089)	ND(0.0092)	ND(0.010)	ND(0.013)	ND(0.011)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
Toluene	mg/Kg	0.6	12	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0013)	ND(0.00078)	ND(0.00095)	ND(0.0011)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0013)	ND(0.00071)	ND(0.00095)	ND(0.00072)	ND(0.00071)	ND(0.00090)	ND(0.00090)	ND(0.0010)	ND(0.0012)	ND(0.00097)	ND(0.0011)	ND(0.00089)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0011)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0026)	ND(0.0014)	ND(0.0019)	ND(0.0014)	ND(0.0014)	ND(0.0018)	ND(0.0018)	ND(0.0020)	ND(0.0023)	ND(0.0019)	ND(0.0022)	ND(0.0018)	ND(0.0018)	ND(0.0020)	ND(0.0025)	ND(0.0022)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-19 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface														
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**0.060F1**	**0.047**	**0.062**	ND(0.011)	**0.14**	**0.37F1**	**0.78**	**0.91**	**1**	**1.8**	**1.8**	**3.4**	**3.1**	**0.13**	**4.5**	**14**
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.17)	ND(0.16)	ND(0.16)	ND(0.17)	ND(0.18)	ND(0.16)	ND(0.17)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.19)	ND(0.20)
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**20**	**19**	**19**	**20**	**21**	**22**	**22**	**22**	**23**	**26**	**25**	**25**	**24**	**18**	**25**	**24**
Percent Moisture	%	--	--	--	--	**13.7**	**7.2**	**8.3**	**13.3**	**14.5**	**7.8**	**9.3**	**9.1**	**8.4**	**10.2**	**5.6**	**9.1**	**8.5**	**8.2**	**20.8**	**24.6**
VOCs																					
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	0.0012J	ND(0.00091)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	**0.0023**	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0074)	ND(0.0018)	ND(0.0018)	ND(0.0016)	ND(0.0015)	ND(0.0016)	ND(0.0019)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.0016)	ND(0.0018)	ND(0.0021)	ND(0.0017)	ND(0.0021)	ND(0.0018)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.019)	ND(0.0045)	ND(0.0045)	ND(0.0041)	ND(0.0038)	ND(0.0040)	ND(0.0047)	ND(0.0043)	ND(0.0041)	ND(0.0042)	ND(0.0041)	ND(0.0045)	ND(0.0053)	ND(0.0042)	ND(0.0051)	ND(0.0046)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.019)	ND(0.0045)	ND(0.0045)	ND(0.0041)	ND(0.0038)	ND(0.0040)	ND(0.0047)	ND(0.0043)	ND(0.0041)	ND(0.0042)	ND(0.0041)	ND(0.0045)	ND(0.0053)	ND(0.0042)	ND(0.0051)	ND(0.0046)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0093)	ND(0.0023)	ND(0.0023)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0024)	ND(0.0022)	ND(0.0021)	ND(0.0021)	ND(0.0020)	ND(0.0022)	ND(0.0026)	ND(0.0021)	ND(0.0026)	ND(0.0023)
Acetone	mg/Kg	0.8	16	--	--	**0.050J**	ND(0.0072)	ND(0.0072)	**0.0074J**	**0.032**	ND(0.0063)	ND(0.0075)	ND(0.0069)	ND(0.0066)	ND(0.0067)	ND(0.0065)	ND(0.0072)	ND(0.0084)	ND(0.0066)	ND(0.0082)	ND(0.0073)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0074)	ND(0.0018)	ND(0.0018)	ND(0.0016)	ND(0.0015)	ND(0.0016)*	ND(0.0019)*	ND(0.0017)*	ND(0.0017)*	ND(0.0017)*	ND(0.0016)*	ND(0.0018)*	ND(0.0021)*	ND(0.0017)*	ND(0.0021)	ND(0.0018)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0074)	ND(0.0018)	ND(0.0018)	ND(0.0016)	ND(0.0015)	ND(0.0016)	ND(0.0019)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.0016)	ND(0.0018)	ND(0.0021)	ND(0.0017)	ND(0.0021)	ND(0.0018)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	**0.0046**
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0074)	ND(0.0018)	ND(0.0018)	ND(0.0016)	ND(0.0015)	ND(0.0016)	ND(0.0019)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.0016)	ND(0.0018)	ND(0.0021)	ND(0.0017)	ND(0.0021)	ND(0.0018)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)*
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0074)	ND(0.0018)	ND(0.0018)	ND(0.0016)	ND(0.0015)	ND(0.0016)	ND(0.0019)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.0016)	ND(0.0018)	ND(0.0021)	ND(0.0017)	ND(0.0021)	ND(0.0018)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.019)	ND(0.0045)	ND(0.0045)	ND(0.0041)	ND(0.0038)	ND(0.0040)	ND(0.0047)	ND(0.0043)	ND(0.0041)	ND(0.0042)	ND(0.0041)	ND(0.0045)	ND(0.0053)	ND(0.0042)	ND(0.0051)	ND(0.0046)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	**0.0019J**	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0074)	ND(0.0018)	ND(0.0018)	ND(0.0016)	**0.38**	ND(0.0016)	ND(0.0019)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.0016)	ND(0.0018)	ND(0.0021)	ND(0.0017)	ND(0.0021)	ND(0.0018)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	**0.0022J**	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)*
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
o-Xylene	mg/Kg	9	180	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)*
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)*
Styrene	mg/Kg	0.2	4	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.037)	ND(0.0090)	ND(0.0090)	ND(0.0081)	**0.036J**	ND(0.0079)	ND(0.0094)	ND(0.0086)	ND(0.0083)	ND(0.0083)	ND(0.0081)	ND(0.0090)	ND(0.011)	ND(0.0083)	ND(0.010)	ND(0.0091)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
Toluene	mg/Kg	0.6	12	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0037)	ND(0.00090)	ND(0.00090)	ND(0.00081)	ND(0.00076)	ND(0.00079)	ND(0.00094)	ND(0.00086)	ND(0.00083)	ND(0.00083)	ND(0.00081)	ND(0.00090)	ND(0.0011)	ND(0.00083)	ND(0.0010)	ND(0.00091)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0074)	ND(0.0018)	ND(0.0018)	ND(0.0016)	ND(0.0015)	ND(0.0016)	ND(0.0019)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.0016)	ND(0.0018)	ND(0.0021)	ND(0.0017)	ND(0.0021)	ND(0.0018)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-20 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface														
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**9.2**	**5.5**	**9.3**	**10**	**49**	**100**	**90**	**2.6**	**51**	**93**	**33**	**0.31**	**8.5**	**2,200**	**1,200**	**110**
Hexavalent chromium	mg/Kg	2	40	--	--	**2.1**	**2.9**	**8.3**	**3.3**	**2.5**	**3.4**	**2.7**	**0.31J**	**5.5**	**3.9**	**4.8**	ND(0.19)	**1.3**	**170**	**78**	**5.7**
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**51**	**60**	**200**	**41**	**43**	**24**	**24**	**14**	**27**	**27**	**20**	**15**	**61F1**	**220**	**140**	**34**
Percent Moisture	%	--	--	--	--	**6.0**	**9.7**	**8.2**	**11.6**	**8.7**	**9.4**	**9.1**	**19.7**	**14.5**	**23.8**	**10.5**	**23.1**	**14.5**	**40.9**	**28.1**	**26**
VOCs																					
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)F1	ND(0.0020)	ND(0.0014)	ND(0.00087)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0016)	ND(0.0022)	ND(0.0016)	ND(0.0020)	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0020)	ND(0.0016)	ND(0.0022)	ND(0.0019)	ND(0.0020)	ND(0.0018)F1	ND(0.0040)	ND(0.0028)	ND(0.0017)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)F1	ND(0.0020)	ND(0.0014)	ND(0.00087)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0041)	ND(0.0054)	ND(0.0041)	ND(0.0050)	ND(0.0047)	ND(0.0049)	ND(0.0043)	ND(0.0051)	ND(0.0040)	ND(0.0054)	ND(0.0047)	ND(0.0051)	ND(0.0046)	ND(0.010)	ND(0.0069)	ND(0.0044)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0041)	ND(0.0054)	ND(0.0041)	ND(0.0050)	ND(0.0047)	ND(0.0049)	ND(0.0043)	ND(0.0051)	ND(0.0040)	ND(0.0054)	ND(0.0047)	ND(0.0051)	ND(0.0046)	ND(0.010)	ND(0.0069)	ND(0.0044)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0021)	ND(0.0027)	ND(0.0021)	ND(0.0025)	ND(0.0023)	ND(0.0024)	ND(0.0022)	ND(0.0025)	ND(0.0020)	ND(0.0027)	ND(0.0023)	ND(0.0026)	ND(0.0023)F1	ND(0.0050)	ND(0.0035)	ND(0.0022)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0066)	ND(0.0087)	ND(0.0066)	ND(0.0080)	ND(0.0074)	ND(0.0078)	ND(0.0069)	**0.0084J**	ND(0.0063)	ND(0.0086)	ND(0.0075)	ND(0.0082)	ND(0.0073)F2	ND(0.016)	ND(0.011)	ND(0.0070)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0016)	ND(0.0022)	ND(0.0016)	ND(0.0020)	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0020)	ND(0.0016)	ND(0.0022)	ND(0.0019)	ND(0.0020)	ND(0.0018)F1	ND(0.0040)	ND(0.0028)	ND(0.0017)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0016)	ND(0.0022)	ND(0.0016)	ND(0.0020)	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0020)	ND(0.0016)	ND(0.0022)	ND(0.0019)	ND(0.0020)	ND(0.0018)	ND(0.0040)	ND(0.0028)	ND(0.0017)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.0022**	**0.0042**	**0.0076**	**0.0046**	**0.0053**	**0.0098**	**0.015**	**0.007**	**0.0036**	**0.02**	**0.009**	**0.0037**	**0.0055**	**0.14**	**0.079**	**0.21**
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)F1	ND(0.0020)	ND(0.0014)	ND(0.00087)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)F1	ND(0.0020)	ND(0.0014)	ND(0.00087)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0016)	ND(0.0022)	ND(0.0016)	ND(0.0020)	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0020)	ND(0.0016)	ND(0.0022)	ND(0.0019)	ND(0.0020)	ND(0.0018)	ND(0.0040)	ND(0.0028)	ND(0.0017)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0016)	ND(0.0022)	ND(0.0016)	ND(0.0020)	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0020)	ND(0.0016)	ND(0.0022)	ND(0.0019)	ND(0.0020)	ND(0.0018)	ND(0.0040)	ND(0.0028)	ND(0.0017)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0041)	ND(0.0054)	ND(0.0041)	ND(0.0050)	ND(0.0047)	ND(0.0049)	ND(0.0043)	ND(0.0051)	ND(0.0040)	ND(0.0054)	ND(0.0047)	ND(0.0051)	ND(0.0046)	ND(0.010)	ND(0.0069)	ND(0.0044)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0016)	ND(0.0022)	ND(0.0016)	ND(0.0020)	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0020)	ND(0.0016)	ND(0.0022)	ND(0.0019)	ND(0.0020)	ND(0.0018)	ND(0.0040)	ND(0.0028)	ND(0.0017)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.013)	ND(0.011)	ND(0.0082)	ND(0.010)	ND(0.0093)	ND(0.0097)	ND(0.0087)	ND(0.010)	ND(0.0079)	ND(0.011)	ND(0.0094)	ND(0.010)	ND(0.0091)	ND(0.02)	ND(0.014)	ND(0.0087)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
Toluene	mg/Kg	0.6	12	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)F1	ND(0.0020)	ND(0.0014)	ND(0.00087)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00082)	ND(0.0011)	ND(0.00082)	ND(0.0010)	ND(0.00093)	ND(0.00097)	ND(0.00087)	ND(0.0010)	ND(0.00079)	ND(0.0011)	ND(0.00094)	ND(0.0010)	ND(0.00091)	ND(0.0020)	ND(0.0014)	ND(0.00087)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0016)	ND(0.0022)	ND(0.0016)	ND(0.0020)	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0020)	ND(0.0016)	ND(0.0022)	ND(0.0019)	ND(0.0020)	ND(0.0018)	ND(0.0040)	ND(0.0028)	ND(0.0017)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-21 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface											
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1.5'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**29**	**29**	**78**	**71**	**63**	**480**	**260**	**2,600**	**500**	**540**	**180**	**80**
Hexavalent chromium	mg/Kg	2	40	--	--	**16**	**13**	**62**	**19**	**21**	**81**	**29**	**380**	**33**	**19**	**7.4**	**3.6**
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**70**	**68**	**110F1**	**74**	**57**	**190**	**52**	**760**	**81F1**	**130**	**53**	**52**
Percent Moisture	%	--	--	--	--	**9.4**	**9.2**	**13.4**	**15.8**	**17.3**	**7.7**	**24.8**	**35.6**	**37.5**	**39.8**	**37.2**	**41.3**
VOCs																	
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0019)	ND(0.0019)	ND(0.0018)	ND(0.0024)*	ND(0.0030)	ND(0.0029)	ND(0.0033)	ND(0.0029)	ND(0.0031)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)*	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0048)	ND(0.0047)	ND(0.0041)	ND(0.0047)	ND(0.0048)	**0.016**	**0.054**	ND(0.0076)	ND(0.0073)	ND(0.0084)	ND(0.0073)	ND(0.0078)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0048)	ND(0.0047)	ND(0.0041)	ND(0.0047)	ND(0.0048)	ND(0.0045)	ND(0.0061)	ND(0.0076)	ND(0.0073)	ND(0.0084)	ND(0.0073)	ND(0.0078)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0024)	ND(0.0024)	ND(0.0021)	ND(0.0023)	ND(0.0024)	ND(0.0022)	ND(0.0030)	ND(0.0038)	ND(0.0037)	ND(0.0042)	ND(0.0037)	ND(0.0039)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0076)	ND(0.0076)	ND(0.0066)	ND(0.0075)	**0.013J**	**0.064**	**0.24**	**0.13**	ND(0.012)	ND(0.013)	ND(0.012)	ND(0.012)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	**0.0016J**	**0.0024J**	**0.0021J**	ND(0.0015)	ND(0.0016)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0019)	ND(0.0019)	ND(0.0018)	**0.0034J**	**0.0054J**	**0.0068J**	**0.0045J**	ND(0.0029)	ND(0.0031)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0019)	ND(0.0019)	ND(0.0018)	ND(0.0024)	ND(0.0030)	ND(0.0029)	ND(0.0033)	ND(0.0029)	ND(0.0031)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.0063**	**0.0076**	**0.019**	**0.016**	**0.022**	**0.070**	**0.220**	**0.740**	**0.780**	**0.940**	**0.550**	**1.000**
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	**0.0012J**	**0.0025J**	**0.003**	**0.0021J**	ND(0.0015)	ND(0.0016)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0019)	ND(0.0019)	ND(0.0018)	ND(0.0024)	ND(0.0030)	ND(0.0029)	ND(0.0033)	ND(0.0029)	ND(0.0031)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0019)	ND(0.0019)	ND(0.0018)	ND(0.0024)	ND(0.0030)	ND(0.0029)	ND(0.0033)	ND(0.0029)	ND(0.0031)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0048)	ND(0.0047)	ND(0.0041)	ND(0.0047)	ND(0.0048)	ND(0.0045)	ND(0.0061)	ND(0.0076)	ND(0.0073)	ND(0.0084)	ND(0.0073)	ND(0.0078)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0020)	ND(0.0019)	ND(0.0017)	ND(0.0019)	ND(0.0019)	ND(0.0018)	ND(0.0024)	ND(0.0030)	ND(0.0029)	ND(0.0033)	ND(0.0029)	ND(0.0031)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0095)	ND(0.0095)	ND(0.0083)	ND(0.0093)	ND(0.0096)	ND(0.0090)	ND(0.012)	ND(0.015)	ND(0.015)	ND(0.017)	ND(0.015)	ND(0.016)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	**0.0036**	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	**0.0017J**
Toluene	mg/Kg	0.6	12	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00095)	ND(0.00095)	ND(0.00083)	ND(0.00093)	ND(0.00096)	ND(0.00090)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0017)	ND(0.0015)	ND(0.0016)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0019)	ND(0.0019)	ND(0.0018)	ND(0.0024)	ND(0.0030)	ND(0.0029)	ND(0.0033)	ND(0.0029)	ND(0.0031)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was preppped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-22 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface											
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1.5'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**24**	**29**	**25**	**8.6**	**2.4**	**1.4**	**1.5**	**7.5**	**21**	**46**	**300**	**690**
Hexavalent chromium	mg/Kg	2	40	--	--	**1.3**	**1.8**	**1.1**	**1.3**	**1.4**	**0.45**	**0.72**	**7.2**	**2.6**	**3.2**	**10**	**20**
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**29**	**52**	**60**	**55**	**40**	**20**	**31**	**82**	**59**	**52**	**67**	**89**
Percent Moisture	%	--	--	--	--	**9.7**	**10.1**	**14.2**	**13.1**	**13.1**	**6.7**	**9.3**	**31.6**	**38.9**	**37**	**40.3**	**43**
VOCs																	
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0018)	ND(0.0027)	ND(0.0030)	ND(0.0030)	ND(0.0029)	ND(0.0032)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0051)	ND(0.0052)	ND(0.0045)	ND(0.0049)	ND(0.0052)	ND(0.0045)	ND(0.0044)	ND(0.0068)	ND(0.0074)	ND(0.0074)	ND(0.0073)	ND(0.0079)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0051)	ND(0.0052)	ND(0.0045)	ND(0.0049)	ND(0.0052)	ND(0.0045)	ND(0.0044)	ND(0.0068)	ND(0.0074)	ND(0.0074)	ND(0.0073)	ND(0.0079)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0025)	ND(0.0026)	ND(0.0022)	ND(0.0024)	ND(0.0026)	ND(0.0022)	ND(0.0022)	ND(0.0034)	ND(0.0037)	ND(0.0037)	ND(0.0037)	ND(0.0040)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0081)	ND(0.0084)	ND(0.0071)	ND(0.0078)	ND(0.0084)	ND(0.0071)F1	ND(0.0070)	**0.023J**	ND(0.012)	**0.032**	ND(0.012)	ND(0.013)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0018)	ND(0.0027)	ND(0.0030)	ND(0.0030)	ND(0.0029)	ND(0.0032)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0018)	ND(0.0027)	ND(0.0030)	ND(0.0030)	ND(0.0029)	ND(0.0032)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.0067**	**0.0073**	**0.056**	ND(0.00098)	**0.020**	**0.055F2 F1**	**0.032**	**0.52**	**0.64**	**0.20**	**0.43**	**0.78**
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	**0.0014J**	**0.0017J**	ND(0.0015)	ND(0.0015)	ND(0.0016)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0018)	ND(0.0027)	ND(0.0030)	ND(0.0030)	ND(0.0029)	ND(0.0032)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0018)	ND(0.0027)	ND(0.0030)	ND(0.0030)	ND(0.0029)	ND(0.0032)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0051)	ND(0.0052)	ND(0.0045)	ND(0.0049)	ND(0.0052)	ND(0.0045)	ND(0.0044)	ND(0.0068)	ND(0.0074)	ND(0.0074)	ND(0.0073)	ND(0.0079)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0018)	ND(0.0027)	ND(0.0030)	ND(0.0030)	ND(0.0029)	ND(0.0032)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
o-Xylene	mg/Kg	9	180	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
Styrene	mg/Kg	0.2	4	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.010)	ND(0.010)	ND(0.0089)	ND(0.0098)	ND(0.010)	ND(0.0089)	ND(0.0088)	ND(0.014)	ND(0.015)	ND(0.015)	ND(0.015)	ND(0.016)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
Toluene	mg/Kg	0.6	12	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	**0.0035**	ND(0.00089)F1	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.00098)	ND(0.0010)	ND(0.00089)	ND(0.00088)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0016)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0018)	ND(0.0027)	ND(0.0030)	ND(0.0030)	ND(0.0029)	ND(0.0032)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was preppped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-23 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface											
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**410**	**420**	**32**	**18**	**1.6**	**1.7**	**0.60**	**15**	**0.59**	**3.1**	**3.4**	**3.1**
Hexavalent chromium	mg/Kg	2	40	--	--	**1.2**	**1.8**	**1.8**	**0.65**	**0.37**	**0.87**	**1.8**	**0.30J**	ND(0.17)	**0.87**	**1.1**	**0.23J**
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**61**	**120**	**39**	**32**	**27**	**27**	**25**	**17**	**16**	**45**	**54**	**18**
Percent Moisture	%	--	--	--	--	**9.7**	**8.9**	**16.9**	**12.5**	**9.6**	**11.6**	**24.1**	**22.2**	**7.8**	**35.7**	**22.9**	**13.9**
VOCs																	
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	**0.0015J**
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0017)	ND(0.0021)	ND(0.0022)	ND(0.0017)	ND(0.0034)	ND(0.0023)	ND(0.0021)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0049)	ND(0.0042)	ND(0.0042)	ND(0.0045)	ND(0.0042)	ND(0.0043)	ND(0.0052)	ND(0.0054)	ND(0.0042)	ND(0.0084)	ND(0.0057)	ND(0.0053)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0049)	ND(0.0042)	ND(0.0042)	ND(0.0045)	ND(0.0042)	ND(0.0043)	ND(0.0052)	ND(0.0054)	ND(0.0042)	ND(0.0084)	ND(0.0057)	ND(0.0053)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0024)	ND(0.0021)	ND(0.0021)	ND(0.0023)	ND(0.0021)	ND(0.0022)	ND(0.0026)	ND(0.0027)	ND(0.0021)	ND(0.0042)	ND(0.0028)	ND(0.0026)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0078)	ND(0.0067)	ND(0.0067)	ND(0.0072)	ND(0.0068)	ND(0.0069)	ND(0.0083)	ND(0.0087)	**0.0080J**	ND(0.013)	ND(0.0091)	**0.011J**
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0017)	ND(0.0021)	ND(0.0022)	ND(0.0017)	ND(0.0034)	ND(0.0023)	ND(0.0021)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0017)	ND(0.0021)	ND(0.0022)	ND(0.0017)	ND(0.0034)	ND(0.0023)	ND(0.0021)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.0053**	**0.0022**	**0.024**	**0.0080**	**0.012**	**0.099**	**0.11**	**0.042**	**0.0066**	**0.78**	**0.066**	**0.059**
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0017)	ND(0.0021)	ND(0.0022)	ND(0.0017)	ND(0.0034)	ND(0.0023)	ND(0.0021)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0017)	ND(0.0021)	ND(0.0022)	ND(0.0017)	ND(0.0034)	ND(0.0023)	ND(0.0021)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0049)	ND(0.0042)	ND(0.0042)	ND(0.0045)	ND(0.0042)	ND(0.0043)	ND(0.0052)	ND(0.0054)	ND(0.0042)	ND(0.0084)	ND(0.0057)	ND(0.0053)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0017)	ND(0.0021)	**0.0027J**	ND(0.0017)	ND(0.0034)	ND(0.0023)	**0.0045J**
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0098)	ND(0.0083)	ND(0.0083)	ND(0.0090)	ND(0.0084)	ND(0.0086)	ND(0.010)	ND(0.011)	ND(0.0083)	ND(0.017)	ND(0.011)	ND(0.011)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	**0.0020**	**0.0016J**	ND(0.0011)	ND(0.00083)	**0.0051**	ND(0.0011)	ND(0.0011)
Toluene	mg/Kg	0.6	12	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	**0.0034**	**0.0035**	**0.0044**	**0.0033**	**0.0046**	**0.0021J**	**0.0014J**
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00098)	ND(0.00083)	ND(0.00083)	ND(0.00090)	ND(0.00084)	ND(0.00086)	ND(0.0010)	ND(0.0011)	ND(0.00083)	ND(0.0017)	ND(0.0011)	ND(0.0011)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0017)	ND(0.0021)	ND(0.0022)	ND(0.0017)	ND(0.0034)	ND(0.0023)	ND(0.0021)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-24 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface											
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**23**	**28**	**50**	**50**	**86**	**34**	**51**	**110**	**220**	**100**	**51**	**100**
Hexavalent chromium	mg/Kg	2	40	--	--	**0.66**	**0.70**	**0.96**	**0.36**	**0.38**	**0.47**	**0.76**	**0.46**	**0.98**	**0.90F1**	**1.2**	**2.9**
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**19**	**23**	**22**	**20**	**18**	**26**	**32**	**52**	**80**	**44**	**36**	**59**
Percent Moisture	%	--	--	--	--	**9.3**	**10.1**	**15.2**	**12.2**	**18.6**	**18.5**	**28.1**	**30.9**	**49.2**	**36.2**	**36.5**	**39.9**
VOCs																	
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0016)	ND(0.0019)	ND(0.0017)	ND(0.0016)	ND(0.0018)	ND(0.0020)	ND(0.0026)	ND(0.0025)	ND(0.0038)	ND(0.0028)F2	ND(0.0025)	ND(0.0027)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0040)	ND(0.0048)	ND(0.0044)	ND(0.0040)	ND(0.0045)	ND(0.0051)	ND(0.0065)	ND(0.0062)	ND(0.0095)	ND(0.0071)F2	ND(0.0063)	ND(0.0068)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0040)	ND(0.0048)	ND(0.0044)	ND(0.0040)	ND(0.0045)	ND(0.0051)	ND(0.0065)	ND(0.0062)	ND(0.0095)	ND(0.0071)F2	ND(0.0063)	ND(0.0068)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0020)	ND(0.0024)	ND(0.0022)	ND(0.0020)	ND(0.0023)	ND(0.0025)	ND(0.0032)	ND(0.0031)	ND(0.0048)	ND(0.0036)F2	ND(0.0031)	ND(0.0034)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0065)	ND(0.0076)	ND(0.0070)	ND(0.0064)	**0.0079J**	ND(0.0082)	ND(0.010)	ND(0.0099)	ND(0.015)	ND(0.011)	ND(0.010)	ND(0.011)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0016)	ND(0.0019)	ND(0.0017)	ND(0.0016)	ND(0.0018)	ND(0.0020)	ND(0.0026)	ND(0.0025)	ND(0.0038)	ND(0.0028)F2	ND(0.0025)	ND(0.0027)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0016)	ND(0.0019)	ND(0.0017)	ND(0.0016)	ND(0.0018)	ND(0.0020)	ND(0.0026)	ND(0.0025)	ND(0.0038)	ND(0.0028)F2	ND(0.0025)	ND(0.0027)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.00081)	ND(0.00096)	**0.0057**	**0.004**	**0.0042**	**0.049**	**0.018**	**0.0081**	**0.011**	**0.091F2 F1**	**0.14**	**0.046**
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0016)	ND(0.0019)	ND(0.0017)	ND(0.0016)	ND(0.0018)	ND(0.0020)	ND(0.0026)	ND(0.0025)	ND(0.0038)	ND(0.0028)	ND(0.0025)	ND(0.0027)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0016)	ND(0.0019)	ND(0.0017)	ND(0.0016)	ND(0.0018)	ND(0.0020)	ND(0.0026)	ND(0.0025)	ND(0.0038)	ND(0.0028)F2 F1	ND(0.0025)	ND(0.0027)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0040)	ND(0.0048)	ND(0.0044)	ND(0.0040)	ND(0.0045)	ND(0.0051)	ND(0.0065)	ND(0.0062)	ND(0.0095)	ND(0.0071)F2	ND(0.0063)	ND(0.0068)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
Naphthalene	mg/Kg	4	80	--	--	**0.0017J**	ND(0.0019)	ND(0.0017)	ND(0.0016)	ND(0.0018)	ND(0.0020)	ND(0.0026)	ND(0.0025)	ND(0.0038)	ND(0.0028)F2	ND(0.0025)	ND(0.0027)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0081)	ND(0.0096)	ND(0.0087)	ND(0.0080)	ND(0.0091)	ND(0.010)	ND(0.013)	ND(0.012)	ND(0.019)	ND(0.014)F2	ND(0.013)	ND(0.014)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2 F1	ND(0.0013)	ND(0.0014)
Toluene	mg/Kg	0.6	12	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)F2	ND(0.0013)	ND(0.0014)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00081)	ND(0.00096)	ND(0.00087)	ND(0.00080)	ND(0.00091)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0019)	ND(0.0014)	ND(0.0013)	ND(0.0014)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0016)	ND(0.0019)	ND(0.0017)	ND(0.0016)	ND(0.0018)	ND(0.0020)	ND(0.0026)	ND(0.0025)	ND(0.0038)	ND(0.0028)F2 F1	ND(0.0025)	ND(0.0027)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-25 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface												
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**110**	**100**	**25**	**2.9**	**3.3**	**4.5**	**30**	**33.0**	**82**	**1,100**	**550**	**840**	**1,100**
Hexavalent chromium	mg/Kg	2	40	--	--	**1.1**	ND(0.17)	ND(0.17)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	**0.35**	**0.74**	**0.31J**	**0.56**	1.3
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**34**	**19**	**16**	**17**	**17**	**16**	**18**	**16**	**12**	**25**	**25**	**33**	**39**
Percent Moisture	%	--	--	--	--	**7.6**	**8.7**	**14.8**	**9.5**	**8.5**	**8.5**	**8.3**	**6.7**	**13.5**	**19.4**	**18.7**	**36.5**	**40.0**
VOCs																		
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0011)*	ND(0.0011)*	ND(0.00099)*	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0022)	ND(0.0022)	ND(0.0020)	ND(0.0022)	ND(0.0019)	ND(0.0020)	ND(0.0019)	ND(0.0022)	ND(0.0023)	ND(0.0027)	ND(0.0023)	ND(0.0029)	ND(0.0043)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0054)	ND(0.0056)	ND(0.0049)	ND(0.0054)	ND(0.0049)	ND(0.0051)	ND(0.0047)	ND(0.0054)	ND(0.0058)	ND(0.0068)	ND(0.0058)	ND(0.0071)	ND(0.011)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0054)	ND(0.0056)	ND(0.0049)	ND(0.0054)	ND(0.0049)	ND(0.0051)	ND(0.0047)	ND(0.0054)	ND(0.0058)	ND(0.0068)	ND(0.0058)	ND(0.0071)	ND(0.011)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0027)	ND(0.0028)	ND(0.0025)	ND(0.0027)	ND(0.0024)	ND(0.0025)	ND(0.0024)	ND(0.0027)	ND(0.0029)	ND(0.0034)	ND(0.0029)	ND(0.0036)	ND(0.0054)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0087)	ND(0.0089)	ND(0.0079)	**0.036**	ND(0.0078)	**0.083**	ND(0.0076)	ND(0.0086)	ND(0.0093)	ND(0.011)	**0.026**	ND(0.011)	ND(0.017)F1
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0022)	ND(0.0022)	ND(0.0020)	ND(0.0022)	ND(0.0019)	ND(0.0020)	ND(0.0019)	ND(0.0022)	ND(0.0023)	ND(0.0027)	ND(0.0023)	ND(0.0029)	ND(0.0043)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0022)	ND(0.0022)	ND(0.0020)	ND(0.0022)	ND(0.0019)	ND(0.0020)	ND(0.0019)	ND(0.0022)	ND(0.0023)	ND(0.0027)	ND(0.0023)	ND(0.0029)	ND(0.0043)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.0023**	ND(0.0011)	ND(0.00099)	**0.0017J**	**0.0026**	**0.0033**	**0.0030**	**0.0019J**	**0.0019J**	**0.050**	**0.025**	**0.019**	**0.016**
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0022)	ND(0.0022)	ND(0.0020)	ND(0.0022)	ND(0.0019)	ND(0.0020)	ND(0.0019)	ND(0.0022)	ND(0.0023)	ND(0.0027)	ND(0.0023)	ND(0.0029)	ND(0.0043)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0022)	ND(0.0022)	ND(0.0020)	ND(0.0022)	ND(0.0019)	ND(0.0020)	ND(0.0019)	ND(0.0022)	ND(0.0023)	ND(0.0027)	ND(0.0023)	ND(0.0029)	ND(0.0043)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0054)	ND(0.0056)	ND(0.0049)	ND(0.0054)	ND(0.0049)	ND(0.0051)	ND(0.0047)	ND(0.0054)	ND(0.0058)	ND(0.0068)	ND(0.0058)	ND(0.0071)	ND(0.011)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0022)*	ND(0.0022)*	ND(0.0020)*	ND(0.0022)	ND(0.0019)	ND(0.0020)	ND(0.0019)	ND(0.0022)	ND(0.0023)	ND(0.0027)	ND(0.0023)	ND(0.0029)	ND(0.0043)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
o-Xylene	mg/Kg	9	180	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
Styrene	mg/Kg	0.2	4	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.011)	ND(0.011)	ND(0.0099)	ND(0.011)	ND(0.0097)	**0.010J ID**	ND(0.0095)	ND(0.011)	ND(0.012)	ND(0.014)	ND(0.012)	ND(0.014)	ND(0.022)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
Toluene	mg/Kg	0.6	12	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	**0.0012J**	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0011)	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00097)	ND(0.0010)	ND(0.00095)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0022)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0022)	ND(0.0022)	ND(0.0020)	ND(0.0022)	ND(0.0019)	ND(0.0020)	ND(0.0019)	ND(0.0022)	ND(0.0023)	ND(0.0027)	ND(0.0023)	ND(0.0029)	ND(0.0043)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-26 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface													
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**0.15**	**0.17F1**	**0.47**	**1.1**	**0.60**	**2.4**	**2.6**	**4.6**	**4.2**	**5.3**	**4.1**	**14**	**25**	**18**	**27**
Hexavalent chromium	mg/Kg	2	40	--	--	**0.20J**	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.062)	ND(0.21)	ND(0.18)	ND(0.21)
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**22**	**20**	**22**	**21**	**22**	**19**	**20**	**20**	**19**	**16**	**16**	**27**	**64**	**23**	**22**
Percent Moisture	%	--	--	--	--	**6.5**	**8.7**	**13.6**	**14.5**	**12.6**	**9.0**	**8.3**	**7.7**	**7.6**	**7.6**	**5.7**	**20.2**	**27.1**	**16.2**	**28.4**
VOCs																				
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0019)	ND(0.0020)	ND(0.0017)	ND(0.0019)	ND(0.0020)	ND(0.0025)	ND(0.0028)	ND(0.0024)	ND(0.0027)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0037)	ND(0.0034)	ND(0.0041)	ND(0.0039)	ND(0.0040)	ND(0.0046)	ND(0.0048)	ND(0.0050)	ND(0.0041)	ND(0.0047)	ND(0.0049)	ND(0.0063)	ND(0.0070)	ND(0.0059)	ND(0.0067)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0037)	ND(0.0034)	ND(0.0041)	ND(0.0039)	ND(0.0040)	ND(0.0046)	ND(0.0048)	ND(0.0050)	ND(0.0041)	ND(0.0047)	ND(0.0049)	ND(0.0063)	ND(0.0070)	ND(0.0059)	ND(0.0067)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0018)	ND(0.0017)	ND(0.0021)	ND(0.0019)	ND(0.0020)	ND(0.0023)	ND(0.0024)	ND(0.0025)	ND(0.0021)	ND(0.0023)	ND(0.0024)	ND(0.0031)	ND(0.0035)	ND(0.0030)	ND(0.0034)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0059)	ND(0.0055)	ND(0.0066)	ND(0.0062)	ND(0.0065)	ND(0.0073)	ND(0.0076)	ND(0.0079)	ND(0.0066)	ND(0.0075)	ND(0.0078)	ND(0.010)	ND(0.011)	ND(0.0095)	ND(0.011)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0019)	ND(0.0020)	ND(0.0017)	ND(0.0019)	ND(0.0020)	ND(0.0025)	ND(0.0028)	ND(0.0024)	ND(0.0027)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0019)	ND(0.0020)	ND(0.0017)	ND(0.0019)	ND(0.0020)	ND(0.0025)	ND(0.0028)	ND(0.0024)	ND(0.0027)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0019)	ND(0.0020)	ND(0.0017)	ND(0.0019)	ND(0.0020)	ND(0.0025)	ND(0.0028)	ND(0.0024)	ND(0.0027)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0019)	ND(0.0020)	ND(0.0017)	ND(0.0019)	ND(0.0020)	ND(0.0025)	ND(0.0028)	ND(0.0024)	ND(0.0027)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0037)	ND(0.0034)	ND(0.0041)	ND(0.0039)	ND(0.0040)	ND(0.0046)	ND(0.0048)	ND(0.0050)	ND(0.0041)	ND(0.0047)	ND(0.0049)	ND(0.0063)	ND(0.0070)	ND(0.0059)	ND(0.0067)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0019)	ND(0.0020)	ND(0.0017)	ND(0.0019)	ND(0.0020)	ND(0.0025)	ND(0.0028)	ND(0.0024)	ND(0.0027)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0074)	ND(0.0069)	ND(0.0082)	ND(0.0077)	ND(0.0081)	ND(0.0091)	ND(0.0095)	ND(0.0099)	ND(0.0083)	ND(0.0094)	ND(0.0098)	ND(0.013)	ND(0.014)	ND(0.012)	ND(0.013)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Toluene	mg/Kg	0.6	12	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00074)	ND(0.00069)	ND(0.00082)	ND(0.00077)	ND(0.00081)	ND(0.00091)	ND(0.00095)	ND(0.00099)	ND(0.00083)	ND(0.00094)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0013)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0015)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0019)	ND(0.0020)	ND(0.0017)	ND(0.0019)	ND(0.0020)	ND(0.0025)	ND(0.0028)	ND(0.0024)	ND(0.0027)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-27 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																								
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	40'	50'	60'	68.5'	70'	80'	90'	100'	110'	120'	130'	140'	150'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**17**	**0.36**	**0.19**	**0.18F1**	**0.15**	**0.11**	**0.15F1**	**0.055**	**0.10**	**0.11**	**0.91**	**0.51**	**1.1**	**0.87**	**0.53**	**130**	**1.2**	**0.93**	**0.72**	**3.5**	**160**	**350**	**1,200**	**1,200**	**25**	**3.9**	**0.27**	**0.034J**
Hexavalent chromium	mg/Kg	2	40	--	--	**0.55**	ND(0.16)	ND(0.17)	**0.27J**	**0.19J**	ND(0.17)	ND(0.17)F1	ND(0.16)	ND(0.17)	ND(0.16)	**0.27J**	ND(0.25)	**0.24J**	ND(0.20)	ND(0.26)	**3.5**	ND(0.23)	ND(0.22)	**0.54**	ND(0.20)	**5.5**	**16**	**50**	**41**	ND(0.25)	ND(0.25)	ND(0.24)	**ND(0.22)**
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**33**	**17**	**19**	**21**	**22**	**19**	**19**	**22**	**18**	**18**	**59**	**36**	**35**	**23**	**35**	**40**	**38**	**55**	**13**	**19**	**23**	**54**	**79**	**82**	**46**	**58**	**46**	**32**
Percent Moisture	%	--	--	--	--	**7.9**	**7.7**	**9.0**	**12.4**	**21.5**	**10.4**	**9.8**	**7.3**	**10.1**	**8.3**	**37.6**	**40.2**	**37.1**	**26.8**	**41.3**	**44.5**	**33.5**	**32.4**	**24.5**	**23.5**	**31.9**	**35.8**	**32.0**	**36.5**	**39.0**	**40.3**	**38.4**	**33.6**
VOCs																																
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)*	ND(0.0016)*	ND(0.0017)*	ND(0.0018)*
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)F2	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)*	ND(0.0012)*	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	**0.0013J**	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0022)	ND(0.0023)	ND(0.0024)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0023)	ND(0.0018)	ND(0.0042)	ND(0.0029)	ND(0.0036)	ND(0.0027)	ND(0.0037)	ND(0.0037)	ND(0.0027)*	ND(0.0024)*	ND(0.0023)	ND(0.0023)	ND(0.0025)	ND(0.0029)	ND(0.0023)	ND(0.0039)	ND(0.0030)	ND(0.0031)	ND(0.0033)	ND(0.0035)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	**0.0014J**	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0051)	ND(0.0054)	ND(0.0050)	ND(0.0051)	ND(0.0052)	ND(0.0059)	ND(0.0045)	ND(0.011)	ND(0.0073)	ND(0.0090)	ND(0.0067)	ND(0.0093)	ND(0.0092)	ND(0.0068)	ND(0.0060)	ND(0.0057)	ND(0.0057)	ND(0.0063)	ND(0.0073)	ND(0.0058)	ND(0.0097)	ND(0.0076)	ND(0.0079)	ND(0.0083)	ND(0.0089)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0051)	ND(0.0054)	ND(0.0050)	ND(0.0051)	ND(0.0052)	ND(0.0059)	ND(0.0045)	ND(0.011)	ND(0.0073)	ND(0.0090)	ND(0.0067)	ND(0.0093)	ND(0.0092)	ND(0.0068)	ND(0.0060)	ND(0.0057)	ND(0.0057)	ND(0.0063)	ND(0.0073)	ND(0.0058)	ND(0.0097)	ND(0.0076)	ND(0.0079)	ND(0.0083)	ND(0.0089)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0028)	ND(0.0028)	ND(0.0030)	ND(0.0026)	ND(0.0027)	ND(0.0025)	ND(0.0025)	ND(0.0026)	ND(0.0029)	ND(0.0023)	ND(0.0053)	ND(0.0037)	ND(0.0045)	ND(0.0034)	ND(0.0047)	ND(0.0046)	ND(0.0034)	ND(0.0030)	ND(0.0028)	ND(0.0028)	ND(0.0031)	ND(0.0037)	ND(0.0029)	ND(0.0049)	ND(0.0038)	ND(0.0041)	ND(0.0044)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0088)	ND(0.0091)	ND(0.0097)	ND(0.0082)	ND(0.0087)	**0.021**	**0.020**	ND(0.0083)	ND(0.0094)	ND(0.0072)	**0.030J**	ND(0.012)	ND(0.014)	ND(0.011)	ND(0.015)	ND(0.015)	ND(0.011)	ND(0.0096)	ND(0.0091)	**0.036**	ND(0.010)	ND(0.012)	ND(0.0093)	ND(0.016)	ND(0.012)	ND(0.013)	**0.053**	ND(0.014)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	**0.0018J**	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0022)	ND(0.0023)	ND(0.0024)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0023)	ND(0.0018)	ND(0.0042)	ND(0.0029)	ND(0.0036)	ND(0.0027)	ND(0.0037)	ND(0.0037)	ND(0.0027)	ND(0.0024)	ND(0.0023)	ND(0.0023)	ND(0.0025)	ND(0.0029)	ND(0.0023)	ND(0.0039)	ND(0.0030)*	ND(0.0031)*	ND(0.0033)*	ND(0.0035)*
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	**0.0020J**	**0.0026J**	**0.0029J**	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0022)	ND(0.0023)	ND(0.0024)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0023)	ND(0.0018)	ND(0.0042)	ND(0.0029)	ND(0.0036)	ND(0.0027)	ND(0.0037)	ND(0.0037)	ND(0.0027)	ND(0.0024)	ND(0.0023)	ND(0.0023)	ND(0.0025)	ND(0.0029)	ND(0.0023)	ND(0.0039)	ND(0.0030)	ND(0.0031)	ND(0.0033)	ND(0.0035)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.0011J**	**0.0011J**	**0.0043**	**0.0011J**	**0.013**	**0.0053**	**0.0044**	**0.0038**	**0.0094**	**0.0045**	**0.091**	**0.016**	**0.180**	**0.130**	**0.130**	**0.230**	**0.0048**	**0.0031**	**0.0034**	**0.010**	**0.350**	**1.200**	**2.200**	**2.100**	**0.0050**	ND(0.0016)	ND(0.0017)	ND(0.0018)
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)*	ND(0.0019) *	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0022)	ND(0.0023)	ND(0.0024)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0023)	ND(0.0018)	ND(0.0042)	ND(0.0029)	ND(0.0036)	ND(0.0027)	ND(0.0037)	ND(0.0037)	ND(0.0027)	ND(0.0024)	ND(0.0023)	ND(0.0023)	ND(0.0025)	ND(0.0029)	ND(0.0023)	ND(0.0039)	ND(0.0030)	ND(0.0031)	ND(0.0033)	ND(0.0035)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)*	ND(0.0012)*	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	**0.0015J**	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0022)	ND(0.0023)	ND(0.0024)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND(0.0023)	ND(0.0018)	ND(0.0042)	ND(0.0029)	ND(0.0036)	ND(0.0027)	ND(0.0037)	ND(0.0037)	ND(0.0027)	ND(0.0024)	ND(0.0023)	ND(0.0023)	ND(0.0025)	ND(0.0029)	ND(0.0023)	ND(0.0039)	ND(0.0030)	ND(0.0031)	ND(0.0033)	ND(0.0035)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0055)	ND(0.0057)	ND(0.0061)	ND(0.0051)	ND(0.0054)	ND(0.0050)	ND(0.0051)	ND(0.0052)	ND(0.0059)	ND(0.0045)	ND(0.011)	ND(0.0073)	ND(0.0090)	ND(0.0067)	ND(0.0093)	ND(0.0092)	ND(0.0068)	ND(0.0060)	ND(0.0057)	ND(0.0057)	ND(0.0063)	ND(0.0073)	ND(0.0058)	ND(0.0097)	ND(0.0076)	ND(0.0079)	ND(0.0083)	ND(0.0089)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0011)	ND(0.0011)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0021)	ND(0.0015)	ND(0.0018)	ND(0.0013)	ND(0.0019)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0015)	ND(0.0012)	ND(0.0019)	ND(0.0015)	ND(0.0016)	ND(0.0017)	ND(0.0018)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0022)	ND(0.0023)	ND(0.0024)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0020)	ND(0.0021)	ND

Borehole U4U5-28 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface													
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**50**	**7.2**	**13**	**34**	**43**	**230**	**230**	**360**	**330**	**330**	**850**	**900**	**2,500**	**1,700**	**2,300**
Hexavalent chromium	mg/Kg	2	40	--	--	**6.1**	**2.1**	**13**	**14**	**19**	**46**	**51**	**54**	**48**	**46**	**130**	**100**	**280**	**110**	**210**
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**73**	**43**	**52**	**53**	**46**	**88F1**	**71**	**110**	**92**	**89**	**170**	**130**	**410**	**190**	**280**
Percent Moisture	%	--	--	--	--	**8.7**	**9.4**	**8.4**	**11.3**	**14.6**	**7.8**	**7.0**	**7.9**	**7.0**	**6.8**	**7.9**	**6.2**	**16.8**	**29.7**	**35.3**
VOCs																				
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0023)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0024)	ND(0.0016)F1	ND(0.0016)	ND(0.0017)	ND(0.0016)	ND(0.0018)	ND(0.0020)	ND(0.0018)	ND(0.0024)	ND(0.0020)	ND(0.0025)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0057)	ND(0.0046)	ND(0.0043)	ND(0.0046)	ND(0.0059)	ND(0.0039)	ND(0.0041)	ND(0.0043)	ND(0.0040)	ND(0.0046)	ND(0.0049)	ND(0.0045)	ND(0.0060)	ND(0.0051)	ND(0.0064)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0057)	ND(0.0046)	ND(0.0043)	ND(0.0046)	ND(0.0059)	ND(0.0039)	ND(0.0041)	ND(0.0043)	ND(0.0040)	ND(0.0046)	ND(0.0049)	ND(0.0045)	ND(0.0060)	ND(0.0051)	ND(0.0064)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0029)	ND(0.0023)	ND(0.0021)	ND(0.0023)	ND(0.0029)	ND(0.0019)	ND(0.0020)	ND(0.0021)	ND(0.0020)	ND(0.0023)	ND(0.0025)	ND(0.0023)	ND(0.0030)	ND(0.0025)	ND(0.0032)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0091)	ND(0.0073)	ND(0.0068)	ND(0.0074)	ND(0.0094)	**0.034**	ND(0.0065)	**0.022**	**0.053**	**0.0087J**	**0.033**	**0.017J**	**0.044**	ND(0.0081)	**0.042**
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0023)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0024)	ND(0.0016)	ND(0.0016)	ND(0.0017)	ND(0.0016)	ND(0.0018)	ND(0.0020)	ND(0.0018)	ND(0.0024)	ND(0.0020)	ND(0.0025)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0023)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0024)	ND(0.0016)	ND(0.0016)	ND(0.0017)	ND(0.0016)	ND(0.0018)	ND(0.0020)	ND(0.0018)	ND(0.0024)	ND(0.0020)	ND(0.0025)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.0017J**	**0.0037**	**0.0026**	**0.0027**	**0.0037**	**0.0028**	**0.0027**	**0.0098**	**0.0050**	**0.0036**	**0.0064**	**0.0064**	**0.032**	**0.170**	**0.120**
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0023)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0024)	ND(0.0016)	ND(0.0016)	ND(0.0017)	ND(0.0016)	ND(0.0018)	ND(0.0020)	ND(0.0018)	ND(0.0024)	ND(0.0020)	ND(0.0025)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	D(0.00078)F1 F	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0023)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0024)	ND(0.0016)	ND(0.0016)	ND(0.0017)	ND(0.0016)	ND(0.0018)	ND(0.0020)	ND(0.0018)	ND(0.0024)	ND(0.0020)	ND(0.0025)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0057)	ND(0.0046)	ND(0.0043)	ND(0.0046)	ND(0.0059)	ND(0.0039)	ND(0.0041)	ND(0.0043)	ND(0.0040)	ND(0.0046)	ND(0.0049)	ND(0.0045)	ND(0.0060)	ND(0.0051)	ND(0.0064)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0023)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0024)	ND(0.0016)	ND(0.0016)	ND(0.0017)	ND(0.0016)	ND(0.0018)	ND(0.0020)	ND(0.0018)	ND(0.0024)	ND(0.0020)	ND(0.0025)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)F1	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
o-Xylene	mg/Kg	9	180	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
Styrene	mg/Kg	0.2	4	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.011)	ND(0.0092)	ND(0.0085)	ND(0.0092)	ND(0.012)	ND(0.0078)	ND(0.0081)	ND(0.0086)	ND(0.0080)	ND(0.0091)	**0.018J**	ND(0.0090)	ND(0.012)	ND(0.010)	ND(0.013)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
Toluene	mg/Kg	0.6	12	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	**0.00093J**	ND(0.0012)	ND(0.0010)	ND(0.0013)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0011)	ND(0.00092)	ND(0.00085)	ND(0.00092)	ND(0.0012)	ND(0.00078)	ND(0.00081)	ND(0.00086)	ND(0.00080)	ND(0.00091)	ND(0.00098)	ND(0.00090)	ND(0.0012)	ND(0.0010)	ND(0.0013)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0023)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0024)	ND(0.0016)	ND(0.0016)	ND(0.0017)	ND(0.0016)	ND(0.0018)	ND(0.0020)	ND(0.0018)	ND(0.0024)	ND(0.0020)	ND(0.0025)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-29 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface										
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1.5'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**51**	**65**	**16**	**4**	**11**	**9**	**20**	**16**	**21**	**17**	**14**
Hexavalent chromium	mg/Kg	2	40	--	--	**1.6**	**0.99**	**1.3**	**0.72**	**0.85**	**0.39**	**0.62**	**1.8**	**1.6**	**1.8**	**1.4**
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**28**	**43**	**33**	**24**	**30**	**16**	**42**	**44**	**72**	**100**	**32**
Percent Moisture	%	--	--	--	--	**9.9**	**9.1**	**14.6**	**7.9**	**13.3**	**12.8**	**28.2**	**39.2**	**38.9**	**38**	**32.3**
VOCs																
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0023)	ND(0.0022)	ND(0.0017)	ND(0.0025)	ND(0.0018)	ND(0.0018)	ND(0.0023)*	ND(0.0032)*	ND(0.0033)*	ND(0.0027)*	ND(0.0026)*
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)*	ND(0.0016)*	ND(0.0017)*	ND(0.0013)*	ND(0.0013)*
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0058)	ND(0.0055)	ND(0.0043)	ND(0.0062)	ND(0.0046)	ND(0.0046)	ND(0.0058)	ND(0.0081)	ND(0.0083)	ND(0.0067)	ND(0.0066)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0058)	ND(0.0055)	ND(0.0043)	ND(0.0062)	ND(0.0046)	ND(0.0046)	ND(0.0058)	ND(0.0081)	ND(0.0083)	ND(0.0067)	ND(0.0066)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0029)	ND(0.0027)	ND(0.0021)	ND(0.0031)	ND(0.0023)	ND(0.0023)	ND(0.0029)	ND(0.0040)	ND(0.0041)	ND(0.0033)	ND(0.0033)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0092)	ND(0.0088)	ND(0.0069)	ND(0.0099)	ND(0.0074)	ND(0.0073)	ND(0.0093)	ND(0.013)	ND(0.013)	ND(0.011)	ND(0.011)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0023)	ND(0.0022)	ND(0.0017)	ND(0.0025)	ND(0.0018)	ND(0.0018)	ND(0.0023)	ND(0.0032)	ND(0.0033)	ND(0.0027)	ND(0.0026)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0023)	ND(0.0022)	ND(0.0017)	ND(0.0025)	ND(0.0018)	ND(0.0018)	ND(0.0023)	ND(0.0032)	ND(0.0033)	ND(0.0027)	ND(0.0026)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.010**	**0.0074**	**0.034**	**0.017**	**0.040**	**0.052**	**0.110**	**0.440**	**0.960**	**0.950**	**0.640**
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0023)	ND(0.0022)	ND(0.0017)	ND(0.0025)	ND(0.0018)	ND(0.0018)	ND(0.0023)	ND(0.0032)	ND(0.0033)	ND(0.0027)	ND(0.0026)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0023)	ND(0.0022)	ND(0.0017)	ND(0.0025)	ND(0.0018)	ND(0.0018)	ND(0.0023)	ND(0.0032)	ND(0.0033)	ND(0.0027)	ND(0.0026)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0058)	ND(0.0055)	ND(0.0043)	ND(0.0062)	ND(0.0046)	ND(0.0046)	ND(0.0058)	ND(0.0081)	ND(0.0083)	ND(0.0067)	ND(0.0066)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0023)	ND(0.0022)	**0.0027J**	ND(0.0025)	ND(0.0018)	ND(0.0018)	ND(0.0023)	ND(0.0032)	ND(0.0033)	ND(0.0027)	ND(0.0026)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
o-Xylene	mg/Kg	9	180	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
Styrene	mg/Kg	0.2	4	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.012)	ND(0.011)	ND(0.0086)	ND(0.012)	ND(0.0092)	ND(0.0091)	ND(0.012)	ND(0.016)	ND(0.017)	ND(0.013)	ND(0.013)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
Toluene	mg/Kg	0.6	12	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0012)	ND(0.0011)	**0.0026**	**0.0040**	**0.0022**	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0012)	ND(0.0011)	ND(0.00086)	ND(0.0012)	ND(0.00092)	ND(0.00091)	ND(0.0012)	ND(0.0016)	ND(0.0017)	ND(0.0013)	ND(0.0013)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0023)	ND(0.0022)	ND(0.0017)	ND(0.0025)	ND(0.0018)	ND(0.0018)	ND(0.0023)	ND(0.0032)	ND(0.0033)	ND(0.0027)	ND(0.0026)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-30 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface											
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1.5'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**70**	**62**	**100**	**730**	**610**	**300**	**340**	**1,100**	**570**	**160**	**180**	**18**
Hexavalent chromium	mg/Kg	2	40	--	--	**9.6**	**16**	**14**	**30**	**51**	**31**	**24**	**130**	**17F1**	**4.4**	**9.8**	**0.96**
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**150**	**84**	**38**	**130**	**190**	**72**	**70**	**190**	**67**	**72**	**89**	**96**
Percent Moisture	%	--	--	--	--	**18.1**	**11.3**	**8.2**	**14.3**	**21.8**	**6.5**	**6.0**	**37**	**37.4**	**39**	**39.4**	**42.9**
VOCs																	
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)F2	ND(0.0014)	ND(0.0015)	ND(0.0017)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)F2	ND(0.0014)	ND(0.0015)	ND(0.0017)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0021)	ND(0.0020)	ND(0.0016)	ND(0.0021)*	ND(0.0023)*	ND(0.0017)	ND(0.0017)	ND(0.0029)	ND(0.0031)	ND(0.0028)	ND(0.0031)	ND(0.0034)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0052)	ND(0.0049)	ND(0.0040)	ND(0.0052)	ND(0.0057)	ND(0.0042)	ND(0.0043)	ND(0.0073)	ND(0.0077)	ND(0.0070)	ND(0.0076)	ND(0.0085)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0052)	ND(0.0049)	ND(0.0040)	ND(0.0052)	ND(0.0057)	ND(0.0042)	ND(0.0043)	ND(0.0073)	ND(0.0077)	ND(0.0070)	ND(0.0076)	ND(0.0085)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0026)	ND(0.0025)	ND(0.0020)	ND(0.0026)	ND(0.0028)	ND(0.0021)	ND(0.0022)	ND(0.0036)	ND(0.0039)	ND(0.0035)	ND(0.0038)	ND(0.0042)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0084)	ND(0.0078)	**0.032**	**0.013J**	**0.011J**	ND(0.0068)	ND(0.0069)	**0.020J**	ND(0.012)	ND(0.011)	**0.014J**	ND(0.014)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0021)	ND(0.0020)	ND(0.0016)	ND(0.0021)	ND(0.0023)	ND(0.0017)	ND(0.0017)	ND(0.0029)	ND(0.0031)	**0.0028J**	ND(0.0031)	ND(0.0034)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0021)	ND(0.0020)	ND(0.0016)	ND(0.0021)	ND(0.0023)	ND(0.0017)	ND(0.0017)	ND(0.0029)	ND(0.0031)	ND(0.0028)	ND(0.0031)	ND(0.0034)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.0085**	**0.0053**	**0.0120**	**0.013**	**0.0089**	**0.016**	**0.018**	**0.130**	**0.094F1 F2**	**0.580**	**0.240**	**0.510**
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0021)	ND(0.0020)	ND(0.0016)	ND(0.0021)	ND(0.0023)	ND(0.0017)	ND(0.0017)	ND(0.0029)	ND(0.0031)	ND(0.0028)	ND(0.0031)	ND(0.0034)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0021)	ND(0.0020)	ND(0.0016)	ND(0.0021)	ND(0.0023)	ND(0.0017)	ND(0.0017)	ND(0.0029)	ND(0.0031)	ND(0.0028)	ND(0.0031)	ND(0.0034)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0052)	ND(0.0049)	ND(0.0040)	ND(0.0052)	ND(0.0057)	ND(0.0042)	ND(0.0043)	ND(0.0073)	ND(0.0077)	ND(0.0070)	ND(0.0076)	ND(0.0085)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0021)	ND(0.0020)	**0.012**	ND(0.0021)	ND(0.0023)	ND(0.0017)	ND(0.0017)	ND(0.0029)	ND(0.0031)	ND(0.0028)	ND(0.0031)	ND(0.0034)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
o-Xylene	mg/Kg	9	180	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
Styrene	mg/Kg	0.2	4	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.010)	ND(0.0098)	ND(0.0080)	ND(0.010)	ND(0.011)	ND(0.0085)	ND(0.0086)	ND(0.015)	ND(0.015)	ND(0.014)	ND(0.015)	ND(0.017)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
Toluene	mg/Kg	0.6	12	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0010)	ND(0.00098)	ND(0.00080)	ND(0.0010)	ND(0.0011)	ND(0.00085)	ND(0.00086)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)	ND(0.0017)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0021)	ND(0.0020)	ND(0.0016)	ND(0.0021)	ND(0.0023)	ND(0.0017)	ND(0.0017)	ND(0.0029)	ND(0.0031)	ND(0.0028)	ND(0.0031)	ND(0.0034)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-31 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																				
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1.5'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	30'	40'	50'	60'	70'	80'	90'	100'	110'	120'	130'	140'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**5.2**	**2.7**	**180**	**8.4**	**5.5**	**4.7**	**18**	**10**	**13**	**48**	**55**	**64**	**3.7**	**1.9**	**6.1**	**31**	**500**	**2,100**	**3,800**	**1,700**	**19**	**0.019J**	**0.35**
Hexavalent chromium	mg/Kg	2	40	--	--	**7.3**	**0.70**	**1.6**	**0.45**	**0.89**	**0.40**	**1.4**	**0.48**	**0.91**	**1.3**	**3.0**	**2.1**	**0.44J**	**0.24J**	**0.40J**	**1.1**	**25**	**56**	**53**	**62**	ND(0.21)	ND(0.26)	ND(0.25)
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**33**	**53**	**48**	**34**	**37**	**19**	**64**	**29**	**48**	**60**	**66**	**45**	**47**	**33**	**44**	**31**	**58**	**110**	**91**	**87**	**31**	**57**	**31**
Percent Moisture	%	--	--	--	--	**11.6**	**12.6**	**15.6**	**18.6**	**17.4**	**21.1**	**36.5**	**22.7**	**24.6**	**45.1**	**35.4**	**40.5**	**36.8**	**32.6**	**35.2**	**31.7**	**30.4**	**35.6**	**37.5**	**42.3**	**30.3**	**43.5**	**41.3**
VOCs																										
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0017)	ND(0.0024)	ND(0.0049)	ND(0.0019)	ND(0.0021)	ND(0.0025)	ND(0.0041)	ND(0.0024)	ND(0.0026)	ND(0.0041)	ND(0.0026)	ND(0.0029)	ND(0.0030)	ND(0.0025)	ND(0.0026)	ND(0.0025)	ND(0.0021)	ND(0.0027)	ND(0.0028)	ND(0.0032)	ND(0.0024)	ND(0.0031)	ND(0.0032)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0044)	ND(0.0060)	ND(0.012)	ND(0.0047)	ND(0.0052)	ND(0.0061)	ND(0.010)	ND(0.0060)	ND(0.0065)	ND(0.010)	ND(0.0065)	ND(0.0073)	ND(0.0076)	ND(0.0063)	ND(0.0065)	ND(0.0062)	ND(0.0053)	ND(0.0068)	ND(0.0070)	ND(0.0080)	ND(0.0061)	ND(0.0078)	ND(0.0079)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0044)	ND(0.0060)	ND(0.012)	ND(0.0047)	ND(0.0052)	ND(0.0061)	ND(0.010)	ND(0.0060)	ND(0.0065)	ND(0.010)	ND(0.0065)	ND(0.0073)	ND(0.0076)	ND(0.0063)	ND(0.0065)	ND(0.0062)	ND(0.0053)	ND(0.0068)	ND(0.0070)	ND(0.0080)	ND(0.0061)	ND(0.0078)	ND(0.0079)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0022)	ND(0.0030)	ND(0.0061)	ND(0.0023)	ND(0.0026)	ND(0.0031)	ND(0.0051)	ND(0.0030)	ND(0.0033)	ND(0.0051)	ND(0.0033)	ND(0.0036)	ND(0.0038)	ND(0.0032)	ND(0.0032)	ND(0.0031)	ND(0.0026)	ND(0.0034)	ND(0.0035)	ND(0.0040)	ND(0.0030)	ND(0.0039)	ND(0.0040)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0070)	ND(0.0095)	ND(0.02)	ND(0.0075)	ND(0.0084)	ND(0.0098)	ND(0.016)	ND(0.0096)	ND(0.010)	ND(0.016)	ND(0.010)	ND(0.012)	ND(0.012)	ND(0.010)	ND(0.010)	ND(0.0099)	ND(0.0084)	ND(0.011)	ND(0.011)	**0.055**	**0.026**	**0.058**	ND(0.013)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)*
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	**0.0048**	**0.0075**	**0.0029**	**0.0024J**	ND(0.0012)	ND(0.0016)	ND(0.0016)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0017)	ND(0.0024)	ND(0.0049)	ND(0.0019)	ND(0.0021)	ND(0.0025)	ND(0.0041)	ND(0.0024)	ND(0.0026)	ND(0.0041)	ND(0.0026)	ND(0.0029)	ND(0.0030)	ND(0.0025)	ND(0.0026)	ND(0.0025)	**0.0045J**	**0.0038J**	ND(0.0028)	ND(0.0032)	ND(0.0024)	ND(0.0031)	ND(0.0032)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	**0.0015J**	ND(0.0014)	ND(0.0014)	0.0022J	ND(0.0012)	ND(0.0016)	ND(0.0016)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0017)	ND(0.0024)	ND(0.0049)	ND(0.0019)	ND(0.0021)	ND(0.0025)	ND(0.0041)	ND(0.0024)	ND(0.0026)	ND(0.0041)	ND(0.0026)	ND(0.0029)	ND(0.0030)	ND(0.0025)	ND(0.0026)	ND(0.0025)	ND(0.0021)	ND(0.0027)	ND(0.0028)	ND(0.0032)	ND(0.0024)	ND(0.0031)	ND(0.0032)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.0021**	**0.0014J**	**0.062**	**0.058**	**0.016**	**0.220**	**0.430**	**0.038**	**0.096**	**0.640**	**0.520**	**0.700**	**0.009**	**0.0048**	**0.011**	**0.054**	**2.500**	**2.900**	**3.000**	**2.200**	ND(0.0011)	ND(0.0016)	**0.0057**
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)*
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	**0.0025**	**0.0027**	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0017)	ND(0.0024)	ND(0.0049)	ND(0.0019)	ND(0.0021)	ND(0.0025)	ND(0.0041)	ND(0.0024)	ND(0.0026)	ND(0.0041)	ND(0.0026)	ND(0.0029)	ND(0.0030)	ND(0.0025)	ND(0.0026)	ND(0.0025)	ND(0.0021)	ND(0.0027)	ND(0.0028)	ND(0.0032)	ND(0.0024)	ND(0.0031)	ND(0.0032)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0017)	ND(0.0024)	ND(0.0049)	ND(0.0019)	ND(0.0021)	ND(0.0025)	ND(0.0041)	ND(0.0024)	ND(0.0026)	ND(0.0041)	ND(0.0026)	ND(0.0029)	ND(0.0030)	ND(0.0025)	ND(0.0026)	ND(0.0025)	ND(0.0021)	ND(0.0027)	ND(0.0028)	ND(0.0032)	ND(0.0024)	ND(0.0031)	ND(0.0032)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0044)	ND(0.0060)	ND(0.012)	ND(0.0047)	ND(0.0052)	ND(0.0061)	ND(0.010)	ND(0.0060)	ND(0.0065)	ND(0.010)	ND(0.0065)	ND(0.0073)	ND(0.0076)	ND(0.0063)	ND(0.0065)	ND(0.0062)	ND(0.0053)	ND(0.0068)	ND(0.0070)	ND(0.0080)	ND(0.0061)	ND(0.0078)	ND(0.0079)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0017)	ND(0.0024)	ND(0.0049)	ND(0.0019)	ND(0.0021)	ND(0.0025)	ND(0.0041)	ND(0.0024)	ND(0.0026)	ND(0.0041)	ND(0.0026)	ND(0.0029)	ND(0.0030)	ND(0.0025)	ND(0.0026)	ND(0.0025)	ND(0.0021)	ND(0.0027)	ND(0.0028)	ND(0.0032)	ND(0.0024)	ND(0.0031)	ND(0.0032)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0087)	ND(0.012)	ND(0.025)	ND(0.0093)	ND(0.010)	ND(0.012)	ND(0.02)	ND(0.012)	ND(0.013)	ND(0.02)	ND(0.013)	ND(0.015)	ND(0.015)	ND(0.013)	ND(0.013)	ND(0.012)	ND(0.011)	ND(0.014)	ND(0.014)	ND(0.016)	ND(0.012)	ND(0.016)	ND(0.016)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	ND(0.0012)	ND(0.0020)	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0012)	ND(0.0016)	ND(0.0016)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00087)	ND(0.0012)	ND(0.0025)	ND(0.00093)	ND(0.0010)	**0.0030**	**0.0041**	ND(0.0012)	ND(0.0013)	ND(0.0020)	ND(0.0013)	**0.0019J**	ND(0.0015)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0016)	ND(0.0

Borehole U4U5-32 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface										
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1.5'	2.5'	5'	7.5'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**340**	**300**	**190**	**18**	**71**	**180F2**	**110**	**140**	**980**	**1,200**	**280**
Hexavalent chromium	mg/Kg	2	40	--	--	**0.57**	**0.99**	**0.45**	**0.20J**	**4.4**	**0.39**	**0.45**	**0.30J**	**8.9F1**	**21.0**	**4.8**
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**25**	**21**	**26**	**16**	**14**	**12**	**26**	**28**	**63**	**67**	**52**
Percent Moisture	%	--	--	--	--	**12.1**	**10**	**14**	**11.9**	**6.4**	**16.2**	**13.3**	**17.1**	**37.6**	**37.7**	**39.1**
VOCs																
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)F1 F2	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)F1 F2	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0015)*	ND(0.0019)	ND(0.0021)	ND(0.0018)	ND(0.0017)	ND(0.0020)	ND(0.0018)	ND(0.0019)	ND(0.0030)	ND(0.0028)	ND(0.0030)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0043)	ND(0.0047)	ND(0.0052)	ND(0.0046)	ND(0.0042)	ND(0.0049)	ND(0.0044)	ND(0.0047)	ND(0.0075)	ND(0.0070)	ND(0.0075)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0043)	ND(0.0047)	ND(0.0052)	ND(0.0046)	ND(0.0042)	ND(0.0049)	ND(0.0044)	ND(0.0047)	ND(0.0075)	ND(0.0070)	ND(0.0075)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0022)	ND(0.0024)	ND(0.0026)	ND(0.0023)	ND(0.0021)	ND(0.0025)	ND(0.0022)	ND(0.0024)	ND(0.0037)	ND(0.0035)	ND(0.0037)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0069)	ND(0.0076)	ND(0.0084)	ND(0.0074)	ND(0.0068)	ND(0.0079)	ND(0.0070)	ND(0.0076)	ND(0.012)	ND(0.011)	ND(0.012)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0017)	ND(0.0019)	ND(0.0021)	ND(0.0018)	ND(0.0017)	ND(0.0020)	ND(0.0018)	ND(0.0019)	ND(0.0030)	ND(0.0028)	ND(0.0030)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0017)	ND(0.0019)	ND(0.0021)	ND(0.0018)	ND(0.0017)	ND(0.0020)	ND(0.0018)	ND(0.0019)	ND(0.0030)	ND(0.0028)	ND(0.0030)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.0011J**	**0.0016J**	**0.0049**	**0.0024**	**0.0072**	**0.024F1**	**0.011**	**0.0067**	**0.030**	**0.024**	**0.210**
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0017)	ND(0.0019)	ND(0.0021)	ND(0.0018)	ND(0.0017)	ND(0.0020)	ND(0.0018)	ND(0.0019)	ND(0.0030)	ND(0.0028)	ND(0.0030)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0017)	ND(0.0019)	ND(0.0021)	ND(0.0018)	ND(0.0017)	ND(0.0020)	ND(0.0018)	ND(0.0019)	ND(0.0030)	ND(0.0028)	ND(0.0030)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0043)	ND(0.0047)	ND(0.0052)	ND(0.0046)	ND(0.0042)	ND(0.0049)	ND(0.0044)	ND(0.0047)	ND(0.0075)	ND(0.0070)	ND(0.0075)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0017)	ND(0.0019)	ND(0.0021)	ND(0.0018)	ND(0.0017)	ND(0.0020)	ND(0.0018)	ND(0.0019)	ND(0.0030)	ND(0.0028)	ND(0.0030)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0086)	ND(0.0095)	ND(0.010)	ND(0.0092)	ND(0.0085)	ND(0.0098)	ND(0.0088)	ND(0.0094)	ND(0.015)	ND(0.014)	ND(0.015)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Toluene	mg/Kg	0.6	12	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00086)	ND(0.00095)	ND(0.0010)	ND(0.00092)	ND(0.00085)	ND(0.00098)	ND(0.00088)	ND(0.00094)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0017)	ND(0.0019)	ND(0.0021)	ND(0.0018)	ND(0.0017)	ND(0.0020)	ND(0.0018)	ND(0.0019)	ND(0.0030)	ND(0.0028)	ND(0.0030)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-33 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface													
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**8.9**	**92.0**	**130**	**44**	**60**	**190**	**190**	**230.0**	**34**	**320**	**81**	**600**	**1,300**	**970**	**1,600**
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.16)	**0.86**	ND(0.21)	**0.17J**	ND(0.17)	ND(0.17)	**0.19J**	**0.19J**	**0.22J**	ND(0.19)	ND(0.19)	ND(0.18)	**0.38J**	**0.27J**	ND(0.26)
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**6.3**	**25**	**26**	**18**	**13**	**16**	**15**	**15**	**12**	**12**	**12**	**18**	**24**	**25**	**32**
Percent Moisture	%	--	--	--	--	**5.0**	**12.3**	**29.7**	**13.5**	**13.1**	**8.8**	**6.7**	**6.0**	**11.4**	**21.9**	**20.5**	**15.2**	**33.0**	**33.1**	**41.4**
VOCs																				
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0023)	ND(0.0023)	ND(0.0027)	ND(0.0018)	ND(0.0025)	ND(0.0018)	ND(0.0018)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0030)	ND(0.0027)	ND(0.0034)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0057)	ND(0.0059)	ND(0.0067)	ND(0.0045)	ND(0.0061)	ND(0.0045)	ND(0.0044)	ND(0.0050)	ND(0.0048)	ND(0.0051)	ND(0.0052)	ND(0.0044)	ND(0.0074)	ND(0.0067)	ND(0.0084)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0057)	ND(0.0059)	ND(0.0067)	ND(0.0045)	ND(0.0061)	ND(0.0045)	ND(0.0044)	ND(0.0050)	ND(0.0048)	ND(0.0051)	ND(0.0052)	ND(0.0044)	ND(0.0074)	ND(0.0067)	ND(0.0084)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0028)	ND(0.0029)	ND(0.0033)	ND(0.0022)	ND(0.0031)	ND(0.0023)	ND(0.0022)	ND(0.0025)	ND(0.0024)	ND(0.0025)	ND(0.0026)	ND(0.0022)	ND(0.0037)	ND(0.0033)	ND(0.0042)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0091)	ND(0.0094)	ND(0.011)	ND(0.0072)	ND(0.0098)	**0.070**	**0.018**	ND(0.0080)	**0.034**	**0.110**	**0.076**	**0.068**	**0.013J**	**0.170**	ND(0.013)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0023)	ND(0.0023)	ND(0.0027)	ND(0.0018)	ND(0.0025)	ND(0.0018)	ND(0.0018)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0030)	ND(0.0027)	ND(0.0034)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0023)	ND(0.0023)	ND(0.0027)	ND(0.0018)	ND(0.0025)	ND(0.0018)	ND(0.0018)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0030)	ND(0.0027)	ND(0.0034)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.0029**	ND(0.0012)	**0.0026J**	**0.0017J**	**0.0014J**	**0.00096J**	ND(0.00088)	**0.0013J**	**0.0018J**	**0.0023**	**0.0017J**	**0.019**	**0.034**	**0.044**	**0.120**
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0023)	ND(0.0023)	ND(0.0027)	ND(0.0018)	ND(0.0025)	ND(0.0018)	ND(0.0018)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0030)	ND(0.0027)	ND(0.0034)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0023)	ND(0.0023)	ND(0.0027)	ND(0.0018)	ND(0.0025)	ND(0.0018)	ND(0.0018)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0030)	ND(0.0027)	ND(0.0034)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0057)	ND(0.0059)	ND(0.0067)	ND(0.0045)	ND(0.0061)	ND(0.0045)	ND(0.0044)	ND(0.0050)	ND(0.0048)	ND(0.0051)	ND(0.0052)	ND(0.0044)	ND(0.0074)	ND(0.0067)	ND(0.0084)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0023)	ND(0.0023)	ND(0.0027)	ND(0.0018)	ND(0.0025)	ND(0.0018)	ND(0.0018)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0030)	ND(0.0027)	ND(0.0034)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
o-Xylene	mg/Kg	9	180	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.0011)*	ND(0.0012)*	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
Styrene	mg/Kg	0.2	4	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	**0.0015J**	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.011)	ND(0.012)	ND(0.013)	ND(0.0090)	ND(0.012)	**0.0097J ID**	ND(0.0088)	ND(0.010)	ND(0.0096)	**0.024J ID**	ND(0.010)	ND(0.0089)	ND(0.015)	**0.021J ID**	ND(0.017)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
Toluene	mg/Kg	0.6	12	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	**0.0011J**	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0011)	ND(0.0012)	ND(0.0013)	ND(0.00090)	ND(0.0012)	ND(0.00091)	ND(0.00088)	ND(0.0010)	ND(0.00096)	ND(0.0010)	ND(0.0010)	ND(0.00089)	ND(0.0015)	ND(0.0013)	ND(0.0017)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0023)	ND(0.0023)	ND(0.0027)	ND(0.0018)	ND(0.0025)	ND(0.0018)	ND(0.0018)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0030)	ND(0.0027)	ND(0.0034)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-34 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																							
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	2.5'	5'	7.5'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'	40'	50'	60'	66.5'	70'	80'	81.5'	90'	100'	110'	120'	130'	140'	150'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**0.17**	**72**	**80**	**84**	**25**	**3.2**	**3.6**	**5.4**	**210**	**19,000**	**15,000**	**7,400**	**2,000**	**170**	**190**	**5.6**	**0.54**	**0.82**	**19**	**32**	**11**	**290**	**620**	**27**	**3.0F1**	**0.096**	ND(0.016)	ND(0.015)
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.16)	**0.46**	**0.31J**	ND(0.21)	**0.21J**	**0.20J**	**0.21J**	**0.22J**	ND(0.18)	**2.0**	**19**	**11**	**1.1**	**0.22J**	ND(0.24)	ND(0.23)	ND(0.21)	ND(0.21)	**0.27J**	**0.31J**	ND(0.20)	**2.0**	**2.1**	ND(0.23)	ND(0.23)	ND(0.25)	ND(0.24)	ND(0.23)
Chromium	mg/Kg	--	--	4,000,000	80,000,000	ND(2.6)	**17**	**20**	**20**	**19**	**19**	**17**	**15**	**24**	**39**	**52**	**54**	**34**	**18**	**41**	**40**	**25**	**20**	**190**	**34**	**14**	**45**	**64**	**41**	**40**	**42**	**44**	**34**
Percent Moisture	%	--	--	--	--	**4.3**	**10.9**	**12.5**	**28.3**	**18.7**	**22.6**	**19.6**	**6.6**	**14.8**	**52.2**	**48.2**	**39**	**37.1**	**22.6**	**36.4**	**34.3**	**26.7**	**26.9**	**40.3**	**38.0**	**25.8**	**32.3**	**47.1**	**35**	**36.4**	**38.9**	**39.0**	**35.7**
VOCs																																
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00095)*	ND(0.00086)*	ND(0.00092)*	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)*	ND(0.0015)*
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)*	ND(0.0015)*
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0021)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0018)	ND(0.0022)	ND(0.0039)	ND(0.0039)	ND(0.0030)	ND(0.0029)	ND(0.0021)	ND(0.0028)	ND(0.0027)	ND(0.0022)	ND(0.0022)	ND(0.0033)	ND(0.0027)	ND(0.0022)	ND(0.0026)	ND(0.0038)	ND(0.0028)	ND(0.0030)	ND(0.0030)	ND(0.0027)*	ND(0.0030)*
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0048)	ND(0.0043)	ND(0.0046)	ND(0.0053)	ND(0.0050)	ND(0.0054)	ND(0.0049)	ND(0.0045)	ND(0.0055)	**0.023**	ND(0.0099)	**0.018**	ND(0.0073)	ND(0.0054)	ND(0.0069)	ND(0.0068)	ND(0.0056)	ND(0.0055)	ND(0.0082)	ND(0.0068)	ND(0.0056)	ND(0.0066)	ND(0.0095)	ND(0.0069)	ND(0.0075)	ND(0.0074)	ND(0.0069)	ND(0.0075)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0048)	ND(0.0043)	ND(0.0046)	ND(0.0053)	ND(0.0050)	ND(0.0054)	ND(0.0049)	ND(0.0045)	ND(0.0055)	ND(0.0098)	ND(0.0099)	ND(0.0076)	ND(0.0073)	ND(0.0054)	ND(0.0069)	ND(0.0068)	ND(0.0056)	ND(0.0055)	ND(0.0082)	ND(0.0068)	ND(0.0056)	ND(0.0066)	ND(0.0095)	ND(0.0069)	ND(0.0075)	ND(0.0074)	ND(0.0069)	ND(0.0075)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0024)	ND(0.0022)	ND(0.0023)	ND(0.0026)	ND(0.0025)	ND(0.0027)	ND(0.0025)	ND(0.0022)	ND(0.0027)	ND(0.0049)	ND(0.0038)	ND(0.0030)	ND(0.0029)	ND(0.0021)	ND(0.0028)	ND(0.0028)	ND(0.0022)	ND(0.0022)	ND(0.0033)	ND(0.0028)	ND(0.0033)	ND(0.0048)	ND(0.0035)	ND(0.0037)	ND(0.0037)	ND(0.0034)	ND(0.0028)	ND(0.0037)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0076)	ND(0.0069)	ND(0.0073)	**0.110**	**0.081F2 F1**	**0.190**	**0.093**	ND(0.0072)	**0.140**	**0.900**	**0.610**	**1.000E**	**0.200**	**0.120**	**0.440**	**0.096**	**0.160**	**0.087**	ND(0.013)	ND(0.011)	ND(0.0090)	ND(0.011)	ND(0.015)	**0.012J**	**0.072**	**0.066**	ND(0.011)	ND(0.012)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0021)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0018)	ND(0.0022)	ND(0.0039)	ND(0.0039)	ND(0.0030)	ND(0.0029)	ND(0.0021)	ND(0.0028)	ND(0.0027)	ND(0.0022)	ND(0.0022)	ND(0.0033)	ND(0.0027)	ND(0.0022)	ND(0.0026)	ND(0.0038)	ND(0.0028)	ND(0.0030)	ND(0.0030)*	ND(0.0027)	ND(0.0030)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0021)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0018)	ND(0.0022)	ND(0.0039)	ND(0.0039)	ND(0.0030)	ND(0.0029)	ND(0.0021)	ND(0.0028)	ND(0.0027)	ND(0.0022)	ND(0.0022)	ND(0.0033)	ND(0.0027)	ND(0.0022)	ND(0.0026)	ND(0.0038)	ND(0.0028)	ND(0.0030)	ND(0.0030)	ND(0.0027)	ND(0.0030)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.00095)	**0.0012J**	**0.0024**	**0.0028**	**0.0011J**	ND(0.0011)	**0.0013J**	**0.0015J**	ND(0.0011)	**0.025**	ND(0.0020)	**0.079**	**0.039**	**0.0029**	**0.0077**	ND(0.0014)	**0.0016J**	ND(0.0011)	**0.0091**	**0.014**	**0.0022**	**0.061**	**0.042**	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0021)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0018)	ND(0.0022)	ND(0.0039)	ND(0.0039)	ND(0.0030)	ND(0.0029)	ND(0.0021)	ND(0.0028)	ND(0.0027)	ND(0.0022)	ND(0.0022)	ND(0.0033)	ND(0.0027)	ND(0.0022)	ND(0.0026)	ND(0.0038)	ND(0.0028)	ND(0.0030)	ND(0.0030)	ND(0.0027)	ND(0.0030)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	**0.0011J**	ND(0.00098)	ND(0.00090)	ND(0.0011)	**0.0044J**	**0.0022J**	**0.0075J**	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)*	ND(0.0015)*
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	ND(0.0015)	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0021)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0018)	ND(0.0022)	ND(0.0039)	ND(0.0039)	ND(0.0030)	ND(0.0029)	ND(0.0021)	ND(0.0028)	ND(0.0027)	ND(0.0022)	ND(0.0022)	ND(0.0033)	ND(0.0027)	ND(0.0022)	ND(0.0026)	ND(0.0038)	ND(0.0028)	ND(0.0030)	ND(0.0030)	ND(0.0027)	ND(0.0030)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0048)	ND(0.0043)	ND(0.0046)	ND(0.0053)	ND(0.0050)	ND(0.0054)	ND(0.0049)	ND(0.0045)	ND(0.0055)	ND(0.0098)	ND(0.0099)	ND(0.0076)	ND(0.0073)	ND(0.0054)	ND(0.0069)	ND(0.0068)	ND(0.0056)	ND(0.0055)	ND(0.0082)	ND(0.0068)	ND(0.0056)	ND(0.0066)	ND(0.0095)	ND(0.0069)	ND(0.0075)	ND(0.0074)	ND(0.0069)	ND(0.0075)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00095)	ND(0.00086)	ND(0.00092)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.00090)	ND(0.0011)	ND(0.0020)	ND(0.0020)	**0.0025J**	ND(0.0015)	ND(0.0011)	ND(0.0014)	ND(0.0014)	ND(0.0011)	ND(0.0011)	ND(0.0016)	ND(0.0014)	ND(0.0011)	ND(0.0013)	ND(0.0019)	ND(0.0014)	ND(0.0015)	ND(0.0015)	ND(0.0014)	ND(0.0015)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0019)*	ND(0.0017)*	ND(0.0018)*	ND(0.0021)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0018)	ND(0.0022)	ND(0.0039)

Borehole U4U5-35 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface														
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'	40'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**0.60F1**	**2.0**	**1.1**	**1.8**	**1.6**	**3.8**	**2.5**	**3.0**	**16**	**12**	**27**	**83**	**19**	**98**	**73**	**180**
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.16)	ND(0.16)	ND(0.17)	ND(0.18)	ND(0.17)	ND(0.16)	ND(0.17)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.17)	ND(0.21)	ND(0.17)	ND(0.21)	ND(0.18)	ND(0.21)
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**22**	**18**	**15**	**22**	**16**	**15**	**22**	**18**	**17**	**14**	**15**	**43**	**58**	**41**	**22**	**26**
Percent Moisture	%	--	--	--	--	**7.3**	**9.1**	**11.8**	**15.1**	**10.1**	**8.0**	**9.7**	**8.0**	**7.4**	**8.0**	**12.8**	**29.1**	**8.5**	**28.4**	**17.2**	**29.4**
VOCs																					
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)*	ND(0.0010)*	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)*	ND(0.0010)*	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)*	ND(0.0010)*	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)*	ND(0.0010)*	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)*	ND(0.0010)*	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0022)	ND(0.0017)	ND(0.0013)	ND(0.0018)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0018)*	ND(0.0020)*	ND(0.0027)	ND(0.0024)	ND(0.0024)	ND(0.0021)	ND(0.0030)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)*	ND(0.0010)*	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)*	ND(0.0010)*	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)*	ND(0.0010)*	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)*	ND(0.0010)*	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0054)	ND(0.0041)	ND(0.0032)	ND(0.0044)	ND(0.0052)	ND(0.0047)	ND(0.0044)	ND(0.0044)	ND(0.0043)	ND(0.0046)	ND(0.0050)	ND(0.0067)	ND(0.0060)	**0.023**	ND(0.0052)	ND(0.0074)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)*	ND(0.0010)*	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0054)	ND(0.0041)	ND(0.0032)	ND(0.0044)	ND(0.0052)	ND(0.0047)	ND(0.0044)	ND(0.0044)	ND(0.0043)	ND(0.0046)	ND(0.0050)	ND(0.0067)	ND(0.0060)	**0.0086J**	ND(0.0052)	ND(0.0074)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)*	ND(0.0010)*	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0027)	ND(0.0021)	ND(0.0016)	ND(0.0022)	ND(0.0026)	ND(0.0023)	ND(0.0022)	ND(0.0022)	ND(0.0021)	ND(0.0023)	ND(0.0025)	ND(0.0033)	ND(0.0030)	ND(0.0030)	ND(0.0026)	ND(0.0037)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0086)	ND(0.0066)	ND(0.0051)	ND(0.0071)	ND(0.0083)	ND(0.0075)	ND(0.0070)	ND(0.0071)	ND(0.0069)	ND(0.0073)	ND(0.0080)	ND(0.011)	ND(0.0096)	ND(0.0096)	ND(0.0083)	ND(0.012)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)*	ND(0.0010)*	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0022)	ND(0.0017)	ND(0.0013)	ND(0.0018)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0020)	ND(0.0027)	ND(0.0024)	ND(0.0024)	ND(0.0021)	ND(0.0030)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0022)	ND(0.0017)	ND(0.0013)	ND(0.0018)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0020)	ND(0.0027)	ND(0.0024)	ND(0.0024)	ND(0.0021)	ND(0.0030)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	**0.0011J**	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	**0.0034**
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)*	ND(0.00083)*	ND(0.00064)*	ND(0.00089)*	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0022)	ND(0.0017)	ND(0.0013)	ND(0.0018)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0020)	ND(0.0027)	ND(0.0024)	ND(0.0024)	ND(0.0021)	ND(0.0030)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)*	ND(0.0010)*	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0022)	ND(0.0017)	ND(0.0013)	ND(0.0018)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0020)	ND(0.0027)	ND(0.0024)	ND(0.0024)	ND(0.0021)	ND(0.0030)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0054)	ND(0.0041)	ND(0.0032)	ND(0.0044)	ND(0.0052)	ND(0.0047)	ND(0.0044)	ND(0.0044)	ND(0.0043)	ND(0.0046)	ND(0.0050)	ND(0.0067)	ND(0.0060)	ND(0.0060)	ND(0.0052)	ND(0.0074)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0022)	ND(0.0017)	ND(0.0013)	ND(0.0018)	ND(0.0025)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0018)*	ND(0.0020)*	ND(0.0027)	ND(0.0024)	ND(0.0024)	ND(0.0021)	ND(0.0030)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)*	ND(0.0010)*	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)*	ND(0.0010)*	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
o-Xylene	mg/Kg	9	180	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)*	ND(0.0010)*	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)*	ND(0.0010)*	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
Styrene	mg/Kg	0.2	4	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.011)	ND(0.0083)	ND(0.0064)	ND(0.0089)	ND(0.010)	ND(0.0094)	ND(0.0088)	ND(0.0088)	ND(0.0086)	ND(0.0092)	ND(0.010)	ND(0.013)	ND(0.012)	ND(0.012)	ND(0.010)	ND(0.015)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)*	ND(0.0010)*	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
Toluene	mg/Kg	0.6	12	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0011)	ND(0.00083)	ND(0.00064)	ND(0.00089)	ND(0.0010)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00086)	ND(0.00092)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0015)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0022)	ND(0.0017)	ND(0.0013)	ND(0.0018)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0020)	ND(0.0027)	ND(0.0024)	ND(0.0024)	ND(0.0021)	ND(0.0030)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-36 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface													
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**0.61**	**0.53**	**0.79**	**0.87**	**0.43**	**0.90**	**0.56F1**	**3.1**	**18**	**1,000**	**610**	**1,400**	**490**	**1,800**	**1,100**
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.16)	**0.20J**	**0.31J**	**0.42**	**1.2**	**1.2**	**1.8**	**1.7**	**1.2**	**40**	**37**	**50**	**2.0**	**94**	**69**
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**12**	**16**	**17**	**21**	**18**	**16**	**22**	**15**	**15**	**78**	**74**	**88**	**49**	**160**	**120**
Percent Moisture	%	--	--	--	--	**6.5**	**8.7**	**9.2**	**7.7**	**13.4**	**9.3**	**17.4**	**13**	**21.0**	**24.9**	**32.4**	**21.5**	**24**	**34.5**	**34.1**
VOCs																				
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0021)	ND(0.0022)	ND(0.0020)	ND(0.0027)	ND(0.0020)	ND(0.0022)	ND(0.0021)	ND(0.0020)	ND(0.0024)	ND(0.0031)	ND(0.0036)	ND(0.0029)	ND(0.0025)	ND(0.0029)	ND(0.0031)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0051)	ND(0.0055)	ND(0.0049)	ND(0.0067)	ND(0.0050)	ND(0.0055)	ND(0.0051)	ND(0.0050)	ND(0.0060)	ND(0.0077)	ND(0.0089)	ND(0.0074)	ND(0.0063)	ND(0.0073)	ND(0.0077)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0051)	ND(0.0055)	ND(0.0049)	ND(0.0067)	ND(0.0050)	ND(0.0055)	ND(0.0051)	ND(0.0050)	ND(0.0060)	ND(0.0077)	ND(0.0089)	ND(0.0074)	ND(0.0063)	ND(0.0073)	ND(0.0077)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0026)	ND(0.0027)	ND(0.0024)	ND(0.0033)	ND(0.0025)	ND(0.0027)	ND(0.0026)	ND(0.0025)	ND(0.0030)	ND(0.0038)	ND(0.0045)	ND(0.0037)	ND(0.0031)	ND(0.0036)	ND(0.0039)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0082)	ND(0.0087)	ND(0.0078)	ND(0.011)	ND(0.0079)	**0.071**	**0.160F1 F2**	ND(0.0080)	**0.095**	**0.095**	**0.150**	**0.047**	**0.018J**	**0.130**	ND(0.012)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0021)	ND(0.0022)	ND(0.0020)	ND(0.0027)	ND(0.0020)	ND(0.0022)	ND(0.0021)	ND(0.0020)	ND(0.0024)	ND(0.0031)	ND(0.0036)	ND(0.0029)	ND(0.0025)	ND(0.0029)	ND(0.0031)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0021)	ND(0.0022)	ND(0.0020)	ND(0.0027)	ND(0.0020)	ND(0.0022)	ND(0.0021)	ND(0.0020)	ND(0.0024)	ND(0.0031)	ND(0.0036)	ND(0.0029)	ND(0.0025)	ND(0.0029)	ND(0.0031)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.0010)	**0.0034**	**0.003**	**0.0021J**	**0.0074**	**0.0054**	**0.0084**	**0.0061**	**0.011**	**0.080**	**0.052**	**0.049**	**0.047**	**0.080**	**0.270**
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0021)	ND(0.0022)	ND(0.0020)	ND(0.0027)	ND(0.0020)	ND(0.0022)	ND(0.0021)	ND(0.0020)	ND(0.0024)	ND(0.0031)	ND(0.0036)	ND(0.0029)	ND(0.0025)	ND(0.0029)	ND(0.0031)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0021)	ND(0.0022)	ND(0.0020)	ND(0.0027)	ND(0.0020)	ND(0.0022)	ND(0.0021)	ND(0.0020)	ND(0.0024)	ND(0.0031)	ND(0.0036)	ND(0.0029)	ND(0.0025)	ND(0.0029)	ND(0.0031)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0051)	ND(0.0055)	ND(0.0049)	ND(0.0067)	ND(0.0050)	ND(0.0055)	ND(0.0051)	ND(0.0050)	ND(0.0060)	ND(0.0077)	ND(0.0089)	ND(0.0074)	ND(0.0063)	ND(0.0073)	ND(0.0077)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0021)	ND(0.0022)	ND(0.0020)	ND(0.0027)	ND(0.0020)	ND(0.0022)	ND(0.0021)	ND(0.0020)	ND(0.0024)	ND(0.0031)	ND(0.0036)	ND(0.0029)	ND(0.0025)	ND(0.0029)	ND(0.0031)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
o-Xylene	mg/Kg	9	180	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
Styrene	mg/Kg	0.2	4	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.010)	ND(0.011)	ND(0.0098)	ND(0.013)	ND(0.0099)	**0.022J ID**	**0.036J**	ND(0.0099)	**0.021J ID**	**0.021J ID**	ND(0.018)	**0.015J**	ND(0.013)	**0.027J ID**	ND(0.015)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
Toluene	mg/Kg	0.6	12	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	**0.0014J**	ND(0.00099)	ND(0.0012)	**0.0015J**	ND(0.0018)	ND(0.0015)	ND(0.0013)	**0.0016J**	ND(0.0015)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0010)	ND(0.0011)	ND(0.00098)	ND(0.0013)	ND(0.00099)	ND(0.0011)	ND(0.0010)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0013)	ND(0.0015)	ND(0.0015)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0021)	ND(0.0022)	ND(0.0020)	ND(0.0027)	ND(0.0020)	ND(0.0022)	ND(0.0021)	ND(0.0020)	ND(0.0024)	ND(0.0031)	ND(0.0036)	ND(0.0029)	ND(0.0025)	ND(0.0029)	ND(0.0031)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-37 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface														
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**350**	**270**	**290**	**290**	**41**	**140**	**220**	**230**	**81**	**280**	**160**	**380**	**430**	**2,800**	**3,300**	**590**
Hexavalent chromium	mg/Kg	2	40	--	--	**20**	**16**	**13**	**15**	**3**	**8**	**17**	**9.3**	ND(0.19)	**11**	**14**	**14**	**18**	**89**	**87**	**23**
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**120**	**53**	**44**	**44**	**19**	**52**	**45**	**41**	**41**	**50**	**29**	**35**	**38**	**250**	**250**	**97F1 F2**
Percent Moisture	%	--	--	--	--	**6.6**	**9.3**	**6.4**	**10.9**	**8.4**	**9.9**	**8**	**8.2**	**21.6**	**6.4**	**15.7**	**6.8**	**22.5**	**41.8**	**39**	**25.8**
VOCs																					
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0022)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0022)	ND(0.0036)	ND(0.0038)	ND(0.0026)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0031)	ND(0.0036)	ND(0.0038)	ND(0.0037)	ND(0.0030)	ND(0.0053)	ND(0.0048)	ND(0.0044)	**0.015**	ND(0.0049)	ND(0.0048)	ND(0.0050)	ND(0.0054)	ND(0.0090)	ND(0.0094)	ND(0.0066)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0031)	ND(0.0036)	ND(0.0038)	ND(0.0037)	ND(0.0030)	ND(0.0053)	ND(0.0048)	ND(0.0044)	ND(0.0055)	ND(0.0049)	ND(0.0048)	ND(0.0050)	ND(0.0054)	ND(0.0090)	ND(0.0094)	ND(0.0066)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0015)	ND(0.0018)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0027)	ND(0.0024)	ND(0.0022)	**0.010**	ND(0.0025)	ND(0.0024)	ND(0.0025)	ND(0.0027)	ND(0.0045)	ND(0.0047)	ND(0.0033)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0049)	ND(0.0058)	ND(0.0061)	ND(0.0059)	ND(0.0047)	ND(0.0085)	ND(0.0077)	**0.021**	**0.120**	ND(0.0079)	**0.017J**	**0.011J**	ND(0.0086)	**0.032J**	**0.030J**	**0.035**
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0022)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0022)	ND(0.0036)	ND(0.0038)	ND(0.0026)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0022)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0022)	ND(0.0036)	ND(0.0038)	ND(0.0026)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	**0.0015**	**0.0029**	**0.0059**	**0.0090**	**0.0034**	**0.0030**	**0.0036**	**0.0051**	**0.0018J**	**0.0046**	**0.049**	**0.130**	**0.018F1 F2**
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0022)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0022)	ND(0.0036)	ND(0.0038)	ND(0.0026)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)F1
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0022)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0022)	ND(0.0036)	ND(0.0038)	ND(0.0026)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0031)	ND(0.0036)	ND(0.0038)	ND(0.0037)	ND(0.0030)	ND(0.0053)	ND(0.0048)	ND(0.0044)	ND(0.0055)	ND(0.0049)	ND(0.0048)	ND(0.0050)	ND(0.0054)	ND(0.0090)	ND(0.0094)	ND(0.0066)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0022)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0022)	ND(0.0036)	ND(0.0038)	ND(0.0026)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0061)	ND(0.0073)	ND(0.0076)	ND(0.0074)	ND(0.0059)	ND(0.011)	ND(0.0096)	ND(0.0088)	**0.028J ID**	ND(0.0098)	ND(0.0096)	ND(0.010)	ND(0.011)	ND(0.018)	ND(0.019)	ND(0.013)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
Toluene	mg/Kg	0.6	12	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00061)	ND(0.00073)	ND(0.00076)	ND(0.00074)	ND(0.00059)	ND(0.0011)	ND(0.00096)	ND(0.00088)	ND(0.0011)	ND(0.00098)	ND(0.00096)	ND(0.0010)	ND(0.0011)	ND(0.0018)	ND(0.0019)	ND(0.0013)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0012)	ND(0.0021)	ND(0.0019)	ND(0.0018)	ND(0.0022)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0022)	ND(0.0036)	ND(0.0038)	ND(0.0026)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-38 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface										
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**22**	**30**	**7**	**2**	**9**	**4**	**9**	**6**	**3**	**5**	**7**
Hexavalent chromium	mg/Kg	2	40	--	--	**5.6**	**0.99**	**1.6**	**0.89**	**0.29J**	**0.35**	**0.8**	**0.88**	**0.78**	**0.27J**	**2.5**
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**58**	**40**	**56**	**32**	**19**	**18**	**50**	**70**	**81**	**30F1**	**43**
Percent Moisture	%	--	--	--	--	**15.4**	**15.1**	**15.8**	**13.1**	**9.8**	**8.3**	**29.8**	**28.6**	**26**	**17.8**	**41.5**
VOCs																
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0027)	ND(0.0017)	ND(0.0018)	ND(0.0028)	ND(0.0030)	ND(0.0027)	ND(0.0023)	ND(0.0032)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0035)	ND(0.0039)	ND(0.0034)	ND(0.0067)	ND(0.0042)	ND(0.0045)	ND(0.0070)	ND(0.0075)	ND(0.0068)	ND(0.0057)	ND(0.0080)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0035)	ND(0.0039)	ND(0.0034)	ND(0.0067)	ND(0.0042)	ND(0.0045)	ND(0.0070)	ND(0.0075)	ND(0.0068)	ND(0.0057)	ND(0.0080)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0018)	ND(0.0019)	ND(0.0017)	ND(0.0033)	ND(0.0021)	ND(0.0023)	ND(0.0035)	ND(0.0037)	ND(0.0034)	ND(0.0028)	ND(0.0040)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0056)	ND(0.0062)	ND(0.0054)	ND(0.011)	**0.0091J**	**0.010J**	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.0091)	ND(0.013)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0027)	ND(0.0017)	ND(0.0018)	ND(0.0028)	ND(0.0030)	ND(0.0027)	ND(0.0023)	ND(0.0032)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0027)	ND(0.0017)	ND(0.0018)	ND(0.0028)	ND(0.0030)	ND(0.0027)	ND(0.0023)	ND(0.0032)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.00070)	**0.0038**	**0.0073**	**0.0052**	**0.013**	**0.018**	**0.017**	**0.220**	**0.038**	**0.063**	**0.550**
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0027)	ND(0.0017)	ND(0.0018)	ND(0.0028)	ND(0.0030)	ND(0.0027)	ND(0.0023)	ND(0.0032)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0027)	ND(0.0017)	ND(0.0018)	ND(0.0028)	ND(0.0030)	ND(0.0027)	ND(0.0023)	ND(0.0032)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0035)	ND(0.0039)	ND(0.0034)	ND(0.0067)	ND(0.0042)	ND(0.0045)	ND(0.0070)	ND(0.0075)	ND(0.0068)	ND(0.0057)	ND(0.0080)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0027)	ND(0.0017)	ND(0.0018)	ND(0.0028)	ND(0.0030)	ND(0.0027)	ND(0.0023)	ND(0.0032)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0070)	ND(0.0078)	ND(0.0068)	ND(0.013)	ND(0.0083)	ND(0.0091)	ND(0.014)	ND(0.015)	ND(0.014)	ND(0.011)	ND(0.016)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	**0.0046**	ND(0.0014)	ND(0.0011)	**0.0017J**
Toluene	mg/Kg	0.6	12	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00070)	ND(0.00078)	ND(0.00068)	ND(0.0013)	ND(0.00083)	ND(0.00091)F2 F1	ND(0.0014)	ND(0.0015)	ND(0.0014)	ND(0.0011)	ND(0.0016)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0014)	ND(0.0016)	ND(0.0014)	ND(0.0027)	ND(0.0017)	ND(0.0018)	ND(0.0028)	ND(0.0030)	ND(0.0027)	ND(0.0023)	ND(0.0032)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-39 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface											
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**30**	**10**	**2.1**	**1.7**	**1.8**	**19F2**	**8**	**8.9**	**3.1**	**4.7**	**4.9**	**76**
Hexavalent chromium	mg/Kg	2	40	--	--	**2.4**	**0.71**	**0.55**	**1.7**	**0.81**	**0.47**	**0.41**	**2.6**	**1.1**	**1.3**	**0.83**	**3.5**
Chromium	mg/Kg	--	--	4000000	80000000	**29**	**29**	**25**	**32**	**32**	**34**	**18**	**43**	**22**	**69**	**49**	**38**
Percent Moisture	%	--	--	--	--	**9.9**	**15.1**	**15.9**	**19.2**	**14.9**	**17.3**	**8.4**	**28.9**	**24.4**	**30.7**	**15.9**	**34.1**
VOCs																	
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)F2	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0018)	ND(0.0017)	ND(0.0014)	ND(0.0015)	ND(0.0016)	ND(0.0021)	ND(0.0017)	ND(0.0030)	ND(0.0026)	ND(0.0031)	ND(0.0021)	ND(0.0023)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0045)	ND(0.0043)	ND(0.0034)	ND(0.0038)	ND(0.0041)	ND(0.0052)	ND(0.0042)	ND(0.0075)	ND(0.0066)	ND(0.0079)	ND(0.0053)	ND(0.0056)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0045)	ND(0.0043)	ND(0.0034)	ND(0.0038)	ND(0.0041)	ND(0.0052)	ND(0.0042)	ND(0.0075)	ND(0.0066)	ND(0.0079)	ND(0.0053)	ND(0.0056)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0022)	ND(0.0022)	ND(0.0017)	ND(0.0019)	ND(0.0020)	ND(0.0026)	ND(0.0021)	ND(0.0038)	ND(0.0033)	ND(0.0039)	ND(0.0027)	ND(0.0028)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0071)	ND(0.0069)	ND(0.0054)	ND(0.0061)	ND(0.0065)	ND(0.0084)	ND(0.0067)	ND(0.012)	ND(0.011)	ND(0.013)	ND(0.0085)	ND(0.0090)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0018)	ND(0.0017)	ND(0.0014)	ND(0.0015)	ND(0.0016)	ND(0.0021)	ND(0.0017)	ND(0.0030)	ND(0.0026)	ND(0.0031)	ND(0.0021)	ND(0.0023)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0018)	ND(0.0017)	ND(0.0014)	ND(0.0015)	ND(0.0016)	ND(0.0021)	ND(0.0017)	ND(0.0030)	ND(0.0026)	ND(0.0031)	ND(0.0021)	ND(0.0023)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.0037**	**0.0098**	**0.0081**	**0.028**	**0.077**	**0.029**	**0.035**	**0.410**	**0.056**	**0.390**	**0.038**	**0.450**
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0018)	ND(0.0017)	ND(0.0014)	ND(0.0015)	ND(0.0016)	ND(0.0021)	ND(0.0017)	ND(0.0030)	ND(0.0026)	ND(0.0031)	ND(0.0021)	ND(0.0023)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0018)	ND(0.0017)	ND(0.0014)	ND(0.0015)	ND(0.0016)	ND(0.0021)	ND(0.0017)	ND(0.0030)	ND(0.0026)	ND(0.0031)	ND(0.0021)	ND(0.0023)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0045)	ND(0.0043)	ND(0.0034)	ND(0.0038)	ND(0.0041)	ND(0.0052)	ND(0.0042)	ND(0.0075)	ND(0.0066)	ND(0.0079)	ND(0.0053)	ND(0.0056)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0018)	ND(0.0017)	ND(0.0014)	ND(0.0015)	ND(0.0016)	ND(0.0021)	ND(0.0017)	ND(0.0030)	ND(0.0026)	ND(0.0031)	ND(0.0021)	ND(0.0023)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0089)	ND(0.0086)	ND(0.0068)	ND(0.0076)	ND(0.0081)	ND(0.010)	ND(0.0084)	ND(0.015)	ND(0.013)	ND(0.016)	ND(0.011)	ND(0.011)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	**0.0086**	ND(0.0013)	**0.0020J**	ND(0.0011)	**0.0017J**
Toluene	mg/Kg	0.6	12	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00089)	ND(0.00086)	ND(0.00068)	ND(0.00076)	ND(0.00081)	ND(0.0010)	ND(0.00084)	ND(0.0015)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0018)	ND(0.0017)	ND(0.0014)	ND(0.0015)	ND(0.0016)	ND(0.0021)	ND(0.0017)	ND(0.0030)	ND(0.0026)	ND(0.0031)	ND(0.0021)	ND(0.0023)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was preppped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-40 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface											
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	15'	17.5'	20'	22.5'	25'	27.5'	30'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**21**	**1.8**	**27**	**12**	**7.9**	**11**	**8**	**9.4**	**6.7**	**8.7**	**6.2**	**20**
Hexavalent chromium	mg/Kg	2	40	--	--	**1.2**	**0.38**	**0.21J**	ND(0.20)	**0.20J**	**2.6**	**0.63**	**0.47F1**	**0.59**	**2.4**	**0.86**	**1.1**
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**29**	**20**	**21**	**20**	**27**	**50**	**26**	**28**	**24**	**47**	**44**	**53**
Percent Moisture	%	--	--	--	--	**15.7**	**13.5**	**16.6**	**23.8**	**15.9**	**19**	**10.8**	**11.4**	**23.5**	**30.7**	**20.3**	**39**
VOCs																	
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0015)	ND(0.0020)	ND(0.0016)	ND(0.0018)	ND(0.0012)	ND(0.0014)	ND(0.0015)	ND(0.0019)	ND(0.0020)	ND(0.0026)	ND(0.0023)	ND(0.0034)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0038)	ND(0.0050)	ND(0.0039)	ND(0.0044)	ND(0.0030)	ND(0.0035)	ND(0.0039)	ND(0.0049)	ND(0.0051)	ND(0.0065)	ND(0.0058)	ND(0.0085)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0038)	ND(0.0050)	ND(0.0039)	ND(0.0044)	ND(0.0030)	ND(0.0035)	ND(0.0039)	ND(0.0049)	ND(0.0051)	ND(0.0065)	ND(0.0058)	ND(0.0085)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0019)	ND(0.0025)	ND(0.0020)	ND(0.0022)	ND(0.0015)	**0.0042**	ND(0.0019)	ND(0.0024)	ND(0.0025)	ND(0.0033)	ND(0.0029)	ND(0.0043)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0061)	ND(0.0080)	ND(0.0063)	ND(0.0071)	ND(0.0049)	**0.029**	**0.018**	ND(0.0078)	ND(0.0081)	ND(0.010)	ND(0.0092)	ND(0.014)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0015)	ND(0.0020)	ND(0.0016)	ND(0.0018)	ND(0.0012)	ND(0.0014)	ND(0.0015)	ND(0.0019)	ND(0.0020)	ND(0.0026)	ND(0.0023)	ND(0.0034)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0015)	ND(0.0020)	ND(0.0016)	ND(0.0018)	ND(0.0012)	ND(0.0014)	ND(0.0015)	ND(0.0019)	ND(0.0020)	ND(0.0026)	ND(0.0023)	ND(0.0034)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.0011J**	**0.0024**	**0.012**	**0.016**	**0.016**	**0.0017**	**0.0014J**	**0.029F1**	**0.220**	**0.210**	**0.021**	**0.330**
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0015)	ND(0.0020)	ND(0.0016)	ND(0.0018)	ND(0.0012)	ND(0.0014)	ND(0.0015)	ND(0.0019)	ND(0.0020)	ND(0.0026)	ND(0.0023)	ND(0.0034)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0015)	ND(0.0020)	ND(0.0016)	ND(0.0018)	ND(0.0012)	ND(0.0014)	ND(0.0015)	ND(0.0019)	ND(0.0020)	ND(0.0026)	ND(0.0023)	ND(0.0034)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0038)	ND(0.0050)	ND(0.0039)	ND(0.0044)	ND(0.0030)	ND(0.0035)	ND(0.0039)	ND(0.0049)	ND(0.0051)	ND(0.0065)	ND(0.0058)	ND(0.0085)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0015)	ND(0.0020)	ND(0.0016)	ND(0.0018)	ND(0.0012)	ND(0.0014)	ND(0.0015)	ND(0.0019)	ND(0.0020)	ND(0.0026)	ND(0.0023)	ND(0.0034)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0076)	ND(0.010)	ND(0.0078)	ND(0.0089)	ND(0.0061)	ND(0.0070)	ND(0.0077)	ND(0.0097)	ND(0.010)	ND(0.013)	ND(0.012)	ND(0.017)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	**0.00070J**	ND(0.00070)	ND(0.00077)	**0.0030**	**0.0063**	**0.0013J**	ND(0.0012)	ND(0.0017)
Toluene	mg/Kg	0.6	12	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00076)	ND(0.0010)	ND(0.00078)	ND(0.00089)	ND(0.00061)	ND(0.00070)	ND(0.00077)	ND(0.00097)	ND(0.0010)	ND(0.0013)	ND(0.0012)	ND(0.0017)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0015)	ND(0.0020)	ND(0.0016)	ND(0.0018)	ND(0.0012)	ND(0.0014)	ND(0.0015)	ND(0.0019)	ND(0.0020)	ND(0.0026)	ND(0.0023)	ND(0.0034)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-41 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface										
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1.5'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**160**	**150**	**150**	**160**	**98**	**310**	**910F2**	**2,500**	**22,000**	**6,600**	**1,000**
Hexavalent chromium	mg/Kg	2	40	--	--	**2.6**	**6.2**	**8.1**	**6.5**	**7.6**	**15**	**27**	**21**	**75**	**140.0**	**21**
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**35**	**51**	**42**	**39**	**41**	**40**	**36F1**	**45**	**160**	**240**	**50**
Percent Moisture	%	--	--	--	--	**8.4**	**9.3**	**13.9**	**7.7**	**15.9**	**13.4**	**20.9**	**35.4**	**25**	**30.6**	**20.8**
VOCs																
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)F1	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	**0.0019J**	ND(0.0016)	ND(0.0013)	ND(0.0011)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	**0.0014J**	ND(0.0016)	ND(0.0013)	ND(0.0011)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0015)*	ND(0.0021)*	ND(0.0024)*	ND(0.0014)*	ND(0.0020)*	ND(0.0017)	ND(0.0024)F2	ND(0.0028)	ND(0.0032)	ND(0.0026)	ND(0.0022)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00073)*	ND(0.0011)*	ND(0.0012)*	ND(0.00071)*	ND(0.00098)*	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0037)	ND(0.0053)	ND(0.0059)	ND(0.0035)	ND(0.0049)	ND(0.0042)	ND(0.0060)F2	**0.016**	**0.019**	ND(0.0064)	ND(0.0055)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0037)	ND(0.0053)	ND(0.0059)	ND(0.0035)	ND(0.0049)	ND(0.0042)	ND(0.0060)F2	ND(0.0069)	ND(0.0080)	ND(0.0064)	ND(0.0055)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0018)	ND(0.0026)	ND(0.0030)	ND(0.0018)	ND(0.0024)	ND(0.0021)	ND(0.0030)F2	ND(0.0035)	ND(0.0040)	ND(0.0032)	ND(0.0028)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0059)	ND(0.0085)	**0.022J**	ND(0.0057)	ND(0.0078)	ND(0.0068)	**0.025F2**	**0.081**	**0.084**	**0.043**	ND(0.0088)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0015)	ND(0.0021)	ND(0.0024)	ND(0.0014)	ND(0.0020)	ND(0.0017)	ND(0.0024)F2	ND(0.0028)	**0.0040J**	ND(0.0026)	ND(0.0022)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0015)	ND(0.0021)	ND(0.0024)	ND(0.0014)	ND(0.0020)	ND(0.0017)	ND(0.0024)F2	ND(0.0028)	ND(0.0032)	ND(0.0026)	ND(0.0022)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.00070)	**0.0018J**	**0.0033**	**0.0093**	**0.016**	**0.033**	**0.011F2**	**0.023**	**0.063**	**0.027**	**0.010**
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0015)	ND(0.0021)	ND(0.0024)	ND(0.0014)	ND(0.0020)	ND(0.0017)	ND(0.0024)F2	ND(0.0028)	ND(0.0032)	ND(0.0026)	ND(0.0022)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0015)	ND(0.0021)	ND(0.0024)	ND(0.0014)	ND(0.0020)	ND(0.0017)	ND(0.0024)F2	ND(0.0028)	ND(0.0032)	ND(0.0026)	ND(0.0022)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0037)	ND(0.0053)	ND(0.0059)	ND(0.0035)	ND(0.0049)	ND(0.0042)	ND(0.0060)F2	ND(0.0069)	ND(0.0080)	ND(0.0064)	ND(0.0055)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0015)	ND(0.0021)	ND(0.0024)	ND(0.0014)	ND(0.0020)	ND(0.0017)	ND(0.0024)F2	**0.0038J**	ND(0.0032)	ND(0.0026)	ND(0.0022)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0073)	ND(0.011)	ND(0.012)	ND(0.0071)	ND(0.0098)	ND(0.0085)	ND(0.012)F2	ND(0.014)	ND(0.016)	ND(0.013)	ND(0.011)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	**0.0031J**	ND(0.0013)	ND(0.0011)
Toluene	mg/Kg	0.6	12	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)F1	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00073)	ND(0.0011)	ND(0.0012)	ND(0.00071)	ND(0.00098)	ND(0.00085)	ND(0.0012)F2	ND(0.0014)	ND(0.0016)	ND(0.0013)	ND(0.0011)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0015)	ND(0.0021)	ND(0.0024)	ND(0.0014)	ND(0.0020)	ND(0.0017)	ND(0.0024)F2	ND(0.0028)	ND(0.0032)	ND(0.0026)	ND(0.0022)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was preppped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-42 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface									
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**640**	**1600**	**2,000**	**1,400**	**150**	**8,200**	**11,000**	**8,800**	**11,000**	**6,800**
Hexavalent chromium	mg/Kg	2	40	--	--	**0.88**	**2.5**	**1.1**	**0.58**	**0.31J**	**6.0**	**7.1**	**5.0**	**6.0**	**3.6**
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**21**	**24**	**14**	**12**	**22**	**55**	**48**	**90**	**48**	**35**
Percent Moisture	%	--	--	--	--	**5.7**	**9.1**	**6.5**	**5.4**	**19**	**27.8**	**36.9**	**33.7**	**36.9**	**36.5**
VOCs															
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0019)	ND(0.0024)	ND(0.0030)	ND(0.0035)	ND(0.0030)	ND(0.0037)	ND(0.0027)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0051)	ND(0.0053)	ND(0.0044)	ND(0.0048)	ND(0.0061)	ND(0.0076)	ND(0.0088)	ND(0.0076)	ND(0.0092)	ND(0.0068)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0051)	ND(0.0053)	ND(0.0044)	ND(0.0048)	ND(0.0061)	ND(0.0076)	ND(0.0088)	ND(0.0076)	ND(0.0092)	ND(0.0068)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0026)	ND(0.0027)	ND(0.0022)	ND(0.0024)	ND(0.003)	ND(0.0038)	ND(0.0044)	ND(0.0038)	ND(0.0046)	ND(0.0034)
Acetone	mg/Kg	0.8	16	--	--	**0.110**	**0.120**	ND(0.0071)	**0.072**	**0.045**	**0.160**	ND(0.014)	ND(0.012)	ND(0.015)	**0.071**
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0019)	ND(0.0024)	**0.0033J**	**0.0049J**	**0.0044J**	ND(0.0037)	**0.0054J**
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0019)	ND(0.0024)	ND(0.0030)	ND(0.0035)	ND(0.0030)	ND(0.0037)	ND(0.0027)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.0042**	**0.0016J**	**0.0070**	**0.0049**	**0.0037**	**0.048**	**0.098**	**0.079**	**0.040**	**0.200**
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	**0.0019J**
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0019)	ND(0.0024)	ND(0.0030)	ND(0.0035)	ND(0.0030)	ND(0.0037)	ND(0.0027)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0019)	ND(0.0024)	ND(0.0030)	ND(0.0035)	ND(0.0030)	ND(0.0037)	ND(0.0027)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0051)	ND(0.0053)	ND(0.0044)	ND(0.0048)	ND(0.0061)	ND(0.0076)	ND(0.0088)	ND(0.0076)	ND(0.0092)	ND(0.0068)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0019)	ND(0.0024)	ND(0.0030)	ND(0.0035)	ND(0.0030)	ND(0.0037)	ND(0.0027)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
o-Xylene	mg/Kg	9	180	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
Styrene	mg/Kg	0.2	4	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	**0.017J ID**	**0.017J ID**	ND(0.0088)	**0.015J ID**	**0.012J ID**	**0.029J ID**	ND(0.018)	ND(0.015)	ND(0.018)	ND(0.014)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
Toluene	mg/Kg	0.6	12	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	**0.0015J**	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00095)	ND(0.0012)	ND(0.0015)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0014)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0019)	ND(0.0024)	ND(0.0030)	ND(0.0035)	ND(0.0030)	ND(0.0037)	ND(0.0027)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was preppped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-43 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface											
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	2.5'	5'	7.5'	10'	12.5'	15'	22.5'	25'	27.5'	30'	32.5'	35'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**0.36**	**0.32**	**19**	**11**	**64F2**	**91**	**74**	**500**	**360**	**2,100**	**2,100**	**1,800**
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.16)	ND(0.16)	**0.39**	**0.22J**	**0.46**	**1.3**	**0.47**	**0.79**	**0.40**	**0.41J**	**0.88**	**0.58**
Chromium	mg/Kg	--	--	4,000,000	80,000,000	ND(5.1)	ND(5.2)	**20**	**12**	**15**	**16**	**19**	**15**	**12**	**34**	**39**	**30**
Percent Moisture	%	--	--	--	--	**3.4**	**5.1**	**8.3**	**9.2**	**10.5**	**11.4**	**12.1**	**11.3**	**20.0**	**30.3**	**29.6**	**29.0**
VOCs																	
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00077)	ND(0.00072)	ND(0.0011)*	ND(0.0011)*	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0015)	ND(0.0014)	ND(0.0022)	ND(0.0023)	ND(0.0020)	ND(0.0017)	ND(0.0021)	ND(0.0019)	ND(0.0019)	ND(0.0027)	ND(0.0029)	ND(0.0032)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0038)	ND(0.0036)	ND(0.0055)	ND(0.0057)	ND(0.0049)	ND(0.0043)	ND(0.0053)	ND(0.0048)	ND(0.0047)	ND(0.0068)	ND(0.0072)	ND(0.0081)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0038)	ND(0.0036)	ND(0.0055)	ND(0.0057)	ND(0.0049)	ND(0.0043)	ND(0.0053)	ND(0.0048)	ND(0.0047)	ND(0.0068)	ND(0.0072)	ND(0.0081)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0019)	ND(0.0018)	ND(0.0027)	ND(0.0029)	ND(0.0024)	ND(0.0022)	ND(0.0026)	ND(0.0024)	ND(0.0023)	ND(0.0034)	ND(0.0036)	ND(0.004)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0061)	ND(0.0058)	ND(0.0087)	ND(0.0092)	ND(0.0078)	ND(0.0069)	ND(0.0084)	**0.097**	**0.074**	**0.063**	**0.110**	**0.052**
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0015)	ND(0.0014)	ND(0.0022)	ND(0.0023)	ND(0.0020)	ND(0.0017)	ND(0.0021)	ND(0.0019)	ND(0.0019)	ND(0.0027)	ND(0.0029)	ND(0.0032)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0015)	ND(0.0014)	ND(0.0022)	ND(0.0023)	ND(0.0020)	ND(0.0017)	ND(0.0021)	ND(0.0019)	ND(0.0019)	ND(0.0027)	ND(0.0029)	ND(0.0032)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	**0.0013J**	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	**0.00096J**	**0.0071**	**0.027**	ND(0.0016)
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0015)	ND(0.0014)	ND(0.0022)	ND(0.0023)	ND(0.0020)	ND(0.0017)	ND(0.0021)	ND(0.0019)	ND(0.0019)	ND(0.0027)	ND(0.0029)	ND(0.0032)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0015)	ND(0.0014)	ND(0.0022)	ND(0.0023)	ND(0.0020)	ND(0.0017)	ND(0.0021)	ND(0.0019)	ND(0.0019)	ND(0.0027)	ND(0.0029)	ND(0.0032)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0038)	ND(0.0036)	ND(0.0055)	ND(0.0057)	ND(0.0049)	ND(0.0043)	ND(0.0053)	ND(0.0048)	ND(0.0047)	ND(0.0068)	ND(0.0072)	ND(0.0081)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0015)	ND(0.0014)	ND(0.0022)*	ND(0.0023)*	ND(0.0020)	ND(0.0017)	ND(0.0021)	ND(0.0019)	ND(0.0019)	ND(0.0027)	ND(0.0029)	ND(0.0032)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0077)	ND(0.0072)	ND(0.011)	ND(0.011)	ND(0.0098)	ND(0.0086)	ND(0.011)	**0.016J ID**	**0.012J ID**	ND(0.014)	**0.023J ID**	ND(0.016)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
Toluene	mg/Kg	0.6	12	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00077)	ND(0.00072)	ND(0.0011)	ND(0.0011)	ND(0.00098)	ND(0.00086)	ND(0.0011)	ND(0.00097)	ND(0.00093)	ND(0.0014)	ND(0.0014)	ND(0.0016)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0015)	ND(0.0014)	ND(0.0022)	ND(0.0023)	ND(0.0020)	ND(0.0017)	ND(0.0021)	ND(0.0019)	ND(0.0019)	ND(0.0027)	ND(0.0029)	ND(0.0032)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-44 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface														
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**0.090F1**	**0.086**	**0.059**	**0.040J**	**0.62**	**0.45**	**0.59**	**0.41**	**0.28**	**6.9**	**8.4**	**31**	**61**	**25**	**7.7**	**2.3**
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.17)	ND(0.19)	ND(0.19)	ND(0.17)	ND(0.18)	ND(0.19)	ND(0.21)	ND(0.23)	ND(0.26)	ND(0.25)	ND(0.23)	ND(0.23)
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**19**	**18**	**16**	**21**	**20**	**18**	**16**	**19**	**16**	**16**	**32**	**73**	**59**	**51**	**47**	**39**
Percent Moisture	%	--	--	--	--	**5.8**	**6.1**	**6.0**	**6.5**	**14**	**20.4**	**19**	**12.7**	**19.1**	**20.4**	**28.3**	**36.1**	**42**	**41.6**	**35.2**	**34**
VOCs																					
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0014)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0016)	ND(0.0019)	ND(0.0018)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0026)	ND(0.0025)	ND(0.0029)	ND(0.0030)	ND(0.0027)	ND(0.0023)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0035)	ND(0.0042)	ND(0.0043)	ND(0.0044)	ND(0.0041)	ND(0.0046)	ND(0.0045)	ND(0.0041)	ND(0.0043)	ND(0.0044)	ND(0.0065)	ND(0.0064)	ND(0.0073)	ND(0.0075)	ND(0.0067)	ND(0.0058)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0035)	ND(0.0042)	ND(0.0043)	ND(0.0044)	ND(0.0041)	ND(0.0046)	ND(0.0045)	ND(0.0041)	ND(0.0043)	ND(0.0044)	ND(0.0065)	ND(0.0064)	ND(0.0073)	ND(0.0075)	ND(0.0067)	ND(0.0058)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0018)	ND(0.0021)	ND(0.0021)	ND(0.0022)	ND(0.0020)	ND(0.0023)	ND(0.0022)	ND(0.0021)	ND(0.0021)	ND(0.0022)	ND(0.0033)	ND(0.0032)	ND(0.0037)	ND(0.0038)	ND(0.0033)	ND(0.0029)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0056)	ND(0.0067)	ND(0.0069)	ND(0.0070)	ND(0.0065)	ND(0.0074)	ND(0.0071)	ND(0.0066)	ND(0.0068)	ND(0.0071)	ND(0.010)	ND(0.010)	ND(0.012)	ND(0.012)	ND(0.011)	ND(0.0093)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0014)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0016)	ND(0.0019)	ND(0.0018)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0026)	ND(0.0025)	ND(0.0029)	ND(0.0030)	ND(0.0027)	ND(0.0023)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0014)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0016)	ND(0.0019)	ND(0.0018)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0026)	ND(0.0025)	ND(0.0029)	ND(0.0030)	ND(0.0027)	ND(0.0023)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	**0.0022J**
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)*	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)*	ND(0.00089)*	ND(0.00083)*	ND(0.00085)*	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0014)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0016)	ND(0.0019)	ND(0.0018)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0026)	ND(0.0025)	ND(0.0029)	ND(0.0030)	ND(0.0027)	ND(0.0023)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0014)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0016)	ND(0.0019)	ND(0.0018)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0026)	ND(0.0025)	ND(0.0029)	ND(0.0030)	ND(0.0027)	ND(0.0023)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0035)	ND(0.0042)	ND(0.0043)	ND(0.0044)	ND(0.0041)	ND(0.0046)	ND(0.0045)	ND(0.0041)	ND(0.0043)	ND(0.0044)	ND(0.0065)	ND(0.0064)	ND(0.0073)	ND(0.0075)	ND(0.0067)	ND(0.0058)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0014)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0016)	ND(0.0019)	ND(0.0018)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0026)	ND(0.0025)	ND(0.0029)	ND(0.0030)	ND(0.0027)	ND(0.0023)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0070)	ND(0.0083)	ND(0.0086)	ND(0.0088)	ND(0.0081)	ND(0.0093)	ND(0.0089)	ND(0.0083)	ND(0.0085)	ND(0.0088)	ND(0.013)	ND(0.013)	ND(0.015)	ND(0.015)	ND(0.013)	ND(0.012)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
Toluene	mg/Kg	0.6	12	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00070)	ND(0.00083)	ND(0.00086)	ND(0.00088)	ND(0.00081)	ND(0.00093)	ND(0.00089)	ND(0.00083)	ND(0.00085)	ND(0.00088)	ND(0.0013)	ND(0.0013)	ND(0.0015)	ND(0.0015)	ND(0.0013)	ND(0.0012)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0014)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0016)	ND(0.0019)	ND(0.0018)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0026)	ND(0.0025)	ND(0.0029)	ND(0.0030)	ND(0.0027)	ND(0.0023)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-45 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface										
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**22F2**	**170**	**120**	**500**	**46**	**700**	**2,200**	**1,600**	**1,100**	**1,100**	**530**
Hexavalent chromium	mg/Kg	2	40	--	--	**4.9**	**2.8**	**2.1**	**4.8**	**5.6**	**4.7**	**8.8**	**6.7**	**1.2**	**3.4**	**2**
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**48**	**29**	**28**	**31**	**25**	**81**	**47**	**44**	**49F1**	**46**	**39**
Percent Moisture	%	--	--	--	--	**12.4**	**7.3**	**12**	**9.6**	**9.4**	**39.2**	**24.2**	**20.3**	**19**	**36.6**	**34.8**
VOCs																
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0015)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0015)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)F2	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)F2	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0015)*	ND(0.0019)*	ND(0.0017)*	ND(0.0018)	ND(0.0020)	ND(0.0042)	ND(0.0022)	ND(0.0023)	ND(0.0021)F2	ND(0.0026)	ND(0.0031)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00073)*	ND(0.00095)*	ND(0.00083)*	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0015)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0036)	ND(0.0048)	ND(0.0042)	ND(0.0046)	ND(0.0049)	ND(0.011)	ND(0.0056)	ND(0.0058)	ND(0.0053)	ND(0.0066)	ND(0.0076)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0036)	ND(0.0048)	ND(0.0042)	ND(0.0046)	ND(0.0049)	ND(0.011)	ND(0.0056)	ND(0.0058)	ND(0.0053)	ND(0.0066)	ND(0.0076)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0018)	ND(0.0024)	ND(0.0021)	ND(0.0023)	ND(0.0025)	ND(0.0053)	ND(0.0028)	ND(0.0029)	ND(0.0026)	ND(0.0033)	ND(0.0038)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0058)	ND(0.0076)	ND(0.0066)	ND(0.0074)	ND(0.0079)	ND(0.017)	ND(0.0090)	ND(0.0093)	ND(0.0084)	ND(0.011)	ND(0.012)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0015)	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0020)	ND(0.0042)	ND(0.0022)	ND(0.0023)	ND(0.0021)	ND(0.0026)	ND(0.0031)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0015)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0015)	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0020)	ND(0.0042)	ND(0.0022)	ND(0.0023)	ND(0.0021)	ND(0.0026)	ND(0.0031)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.0028**	**0.0055**	**0.0040**	**0.0083**	**0.014**	**0.210F1**	**0.0092**	**0.011**	**0.071F2 F1**	**0.360**	**0.150**
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0015)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0015)	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0020)	ND(0.0042)	ND(0.0022)	ND(0.0023)	ND(0.0021)	ND(0.0026)	ND(0.0031)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0015)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0015)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0015)	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0020)	ND(0.0042)	ND(0.0022)	ND(0.0023)	ND(0.0021)F2	ND(0.0026)	ND(0.0031)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0036)	ND(0.0048)	ND(0.0042)	ND(0.0046)	ND(0.0049)	ND(0.011)	ND(0.0056)	ND(0.0058)	ND(0.0053)	ND(0.0066)	ND(0.0076)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0015)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0015)	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0020)	ND(0.0042)	ND(0.0022)	ND(0.0023)	ND(0.0021)	ND(0.0026)	ND(0.0031)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0073)	ND(0.0095)	ND(0.0083)	ND(0.0092)	ND(0.0099)	ND(0.021)	ND(0.011)	ND(0.012)	ND(0.011)F2	ND(0.013)	ND(0.015)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	**0.0013J**	**0.0045**	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	**0.0057**	**0.0037**
Toluene	mg/Kg	0.6	12	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)F2	ND(0.0013)	ND(0.0015)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0015)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00073)	ND(0.00095)	ND(0.00083)	ND(0.00092)	ND(0.00099)	ND(0.0021)	ND(0.0011)	ND(0.0012)	ND(0.0011)	ND(0.0013)	ND(0.0015)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0015)	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0020)	ND(0.0042)	ND(0.0022)	ND(0.0023)	ND(0.0021)F2	ND(0.0026)	ND(0.0031)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-46 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface												
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**84**	**5.2**	**7**	**22**	**3.2**	**2**	**2**	**9**	**5**	**14**	**15**	**15**	**22**
Hexavalent chromium	mg/Kg	2	40	--	--	**1.1**	**0.18J**	**0.17J**	**0.57**	**0.65**	**0.51**	**0.91**	**0.48J**	**0.32J**	**2.1**	**2.1**	**4.0**	**0.76**
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**18**	**25**	**14**	**22**	**22**	**20**	**17**	**140**	**59**	**63**	**86**	**46**	**62**
Percent Moisture	%	--	--	--	--	**10.6**	**12.6**	**12.4**	**9.4**	**12.1**	**10.6**	**20.9**	**39.6**	**27**	**36.3**	**38.5**	**34.1**	**36.5**
VOCs																		
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0022)	ND(0.0024)	ND(0.0018)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0024)	ND(0.0031)	ND(0.0024)	ND(0.0027)	ND(0.0029)	ND(0.0026)	ND(0.0039)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0055)	ND(0.0060)	ND(0.0045)	ND(0.0048)	ND(0.0048)	ND(0.0049)	ND(0.0060)	ND(0.0077)	ND(0.0060)	ND(0.0068)	ND(0.0072)	ND(0.0065)	ND(0.0098)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0055)	ND(0.0060)	ND(0.0045)	ND(0.0048)	ND(0.0048)	ND(0.0049)	ND(0.0060)	ND(0.0077)	ND(0.0060)	ND(0.0068)	ND(0.0072)	ND(0.0065)	ND(0.0098)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0027)	ND(0.0030)	ND(0.0023)	ND(0.0024)	ND(0.0024)	ND(0.0025)	ND(0.0030)	ND(0.0038)	ND(0.0030)	ND(0.0034)	ND(0.0036)	ND(0.0033)	ND(0.0049)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0088)	ND(0.0096)	ND(0.0072)	ND(0.0077)	ND(0.0077)	ND(0.0079)	ND(0.0096)	ND(0.012)	ND(0.0096)	ND(0.011)	ND(0.012)	ND(0.010)	ND(0.016)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0022)	ND(0.0024)	ND(0.0018)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0024)	ND(0.0031)	ND(0.0024)	ND(0.0027)	ND(0.0029)	ND(0.0026)	ND(0.0039)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0022)	ND(0.0024)	ND(0.0018)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0024)	ND(0.0031)	ND(0.0024)	ND(0.0027)	ND(0.0029)	ND(0.0026)	ND(0.0039)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.0012)	**0.0025**	**0.0020**	**0.00098J**	**0.0065**	**0.0084**	**0.085**	**0.051**	**0.280**	**0.430**	**0.280**	**0.014**
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0022)	ND(0.0024)	ND(0.0018)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0024)	ND(0.0031)	ND(0.0024)	ND(0.0027)	ND(0.0029)	ND(0.0026)	ND(0.0039)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0022)	ND(0.0024)	ND(0.0018)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0024)	ND(0.0031)	ND(0.0024)	ND(0.0027)	ND(0.0029)	ND(0.0026)	ND(0.0039)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0055)	ND(0.0060)	ND(0.0045)	ND(0.0048)	ND(0.0048)	ND(0.0049)	ND(0.0060)	ND(0.0077)	ND(0.0060)	ND(0.0068)	ND(0.0072)	ND(0.0065)	ND(0.0098)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0022)	ND(0.0024)	ND(0.0018)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0024)	ND(0.0031)	ND(0.0024)	ND(0.0027)	ND(0.0029)	ND(0.0026)	ND(0.0039)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
o-Xylene	mg/Kg	9	180	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
Styrene	mg/Kg	0.2	4	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.011)	ND(0.012)	ND(0.0090)	ND(0.0096)	ND(0.0096)	ND(0.0099)	ND(0.012)	ND(0.015)	ND(0.012)	ND(0.014)	ND(0.014)	ND(0.013)	ND(0.02)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	**0.0029**	**0.0054**	**0.0028**	ND(0.0020)
Toluene	mg/Kg	0.6	12	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0011)	ND(0.0012)	ND(0.00090)	ND(0.00096)	ND(0.00096)	ND(0.00099)	ND(0.0012)	ND(0.0015)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0020)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0022)	ND(0.0024)	ND(0.0018)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0024)	ND(0.0031)	ND(0.0024)	ND(0.0027)	ND(0.0029)	ND(0.0026)	ND(0.0039)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-47 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface												
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**9.1**	**29**	**3**	**10**	**2.2**	**5**	**200**	**2,400**	**1,500**	**300**	**570**	**1,500**	**490**
Hexavalent chromium	mg/Kg	2	40	--	--	**3.4**	**1.8**	**0.39**	**1.2**	**0.73**	**0.43**	**3.5**	**20**	**9.9**	**1.8**	**2.9**	**5.7**	**2**
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**31**	**25**	**26**	**26**	**26**	**28**	**20**	**130**	**73**	**20**	**44**	**61**	**44**
Percent Moisture	%	--	--	--	--	**13.6**	**9.8**	**14.3**	**8.9**	**8.6**	**10.9**	**15.9**	**39.1**	**26.8**	**11.3**	**37.7**	**36**	**36.6**
VOCs																		
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	**0.00089J**	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0019)	ND(0.0025)	ND(0.0021)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0029)	ND(0.0027)	ND(0.0017)	ND(0.0025)	ND(0.0025)	ND(0.0026)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0048)	ND(0.0062)	ND(0.0052)	ND(0.0050)	ND(0.0043)	ND(0.0042)	ND(0.0046)	ND(0.0073)	ND(0.0067)	ND(0.0041)	ND(0.0063)	ND(0.0064)	ND(0.0065)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0048)	ND(0.0062)	ND(0.0052)	ND(0.0050)	ND(0.0043)	ND(0.0042)	ND(0.0046)	ND(0.0073)	ND(0.0067)	ND(0.0041)	ND(0.0063)	ND(0.0064)	ND(0.0065)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0024)	ND(0.0031)	ND(0.0026)	ND(0.0025)	ND(0.0021)	ND(0.0021)	ND(0.0023)	ND(0.0037)	ND(0.0033)	ND(0.0021)	ND(0.0032)	ND(0.0032)	ND(0.0033)
Acetone	mg/Kg	0.8	16	--	--	**0.0085J**	ND(0.0099)	ND(0.0083)	ND(0.0080)	ND(0.0068)	ND(0.0067)	ND(0.0073)	ND(0.012)	ND(0.011)	ND(0.0066)	ND(0.010)	ND(0.010)	ND(0.010)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0019)	ND(0.0025)	ND(0.0021)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0029)	ND(0.0027)	ND(0.0017)	ND(0.0025)	ND(0.0025)	ND(0.0026)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0019)	ND(0.0025)	ND(0.0021)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0029)	ND(0.0027)	ND(0.0017)	ND(0.0025)	ND(0.0025)	ND(0.0026)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.00098J**	**0.0013J**	**0.0071**	**0.0022**	**0.0045**	**0.0090**	**0.0053**	**0.058**	**0.110**	**0.026**	**0.200F1**	**0.310**	**0.160**
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0019)	ND(0.0025)	ND(0.0021)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0029)	ND(0.0027)	ND(0.0017)	ND(0.0025)	ND(0.0025)	ND(0.0026)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0019)	ND(0.0025)	ND(0.0021)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0029)	ND(0.0027)	ND(0.0017)	ND(0.0025)	ND(0.0025)	ND(0.0026)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0048)	ND(0.0062)	ND(0.0052)	ND(0.0050)	ND(0.0043)	ND(0.0042)	ND(0.0046)	ND(0.0073)	ND(0.0067)	ND(0.0041)	ND(0.0063)	ND(0.0064)	ND(0.0065)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0019)	ND(0.0025)	ND(0.0021)	ND(0.0020)	**0.0019J**	ND(0.0017)	ND(0.0018)	ND(0.0029)	ND(0.0027)	ND(0.0017)	ND(0.0025)	ND(0.0025)	ND(0.0026)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	**0.00087J**	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0095)	ND(0.012)	ND(0.010)	ND(0.010)	ND(0.0086)	ND(0.0084)	ND(0.0092)	ND(0.015)	ND(0.013)	ND(0.0083)	ND(0.013)	ND(0.013)	ND(0.013)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	**0.0013J**	**0.0017J**	**0.0018J**
Toluene	mg/Kg	0.6	12	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00095)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.00086)	ND(0.00084)	ND(0.00092)	ND(0.0015)	ND(0.0013)	ND(0.00083)	ND(0.0013)	ND(0.0013)	ND(0.0013)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0019)	ND(0.0025)	ND(0.0021)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0029)	ND(0.0027)	ND(0.0017)	ND(0.0025)	ND(0.0025)	ND(0.0026)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-48 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface															
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'	40'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**0.24**	**0.39**	**8.1**	**6.9**	**3.5**	**0.063**	ND(0.010)	**1.8**	**1.1**	**5.1**	**6.8**	**0.86**	**26**	**0.23**	**75**	**3.0**	**8.2**
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.16)	ND(0.17)	ND(0.16)	ND(0.16)	**0.24J**	ND(0.18)	ND(0.16)	ND(0.17)	ND(0.17)	ND(0.23)	0.25J	**0.18J**	**0.19J**	**0.21J**	**0.39J**	ND(0.17)	ND(0.22)
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**28**	**21**	**20**	**19**	**31**	**6.7**	**4.0**	**14**	**15**	**10**	**34**	**15**	**39**	**9.6**	**37**	**16**	**22**
Percent Moisture	%	--	--	--	--	**6.7**	**9.2**	**8**	**7.8**	**9.7**	**16.8**	**7.2**	**14.9**	**10.6**	**36.1**	**33.6**	**4.2**	**19.8**	**3.2**	**42.4**	**10.5**	**31.5**
VOCs																						
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0025)	ND(0.0020)	ND(0.0026)	ND(0.0038)	ND(0.0018)	ND(0.0022)	ND(0.0019)	ND(0.023)	ND(0.0020)	ND(0.0022)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0045)	ND(0.0047)	ND(0.0044)	ND(0.0044)	ND(0.0048)	ND(0.0051)	ND(0.0051)	ND(0.0063)	ND(0.0049)	ND(0.0065)	ND(0.0095)	ND(0.0046)	ND(0.0054)	ND(0.0048)	ND(0.058)	ND(0.0050)	ND(0.0055)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0045)	ND(0.0047)	ND(0.0044)	ND(0.0044)	ND(0.0048)	ND(0.0051)	ND(0.0051)	ND(0.0063)	ND(0.0049)	ND(0.0065)	ND(0.0095)	ND(0.0046)	ND(0.0054)	ND(0.0048)	ND(0.058)	ND(0.0050)	ND(0.0055)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0023)	ND(0.0023)	ND(0.0022)	ND(0.0022)	ND(0.0024)	ND(0.0025)	ND(0.0025)	ND(0.0031)	ND(0.0024)	ND(0.0033)	ND(0.0048)	ND(0.0023)	ND(0.0027)	ND(0.0024)	ND(0.029)	ND(0.0025)	ND(0.0028)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0073)	ND(0.0075)	ND(0.0070)	ND(0.0070)	ND(0.0076)	ND(0.0081)	ND(0.0081)	ND(0.010)	ND(0.0078)	ND(0.010)	ND(0.015)	**0.014J**	ND(0.0087)	ND(0.0076)	ND(0.093)	ND(0.0079)	ND(0.0088)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0025)	ND(0.0020)	ND(0.0026)	ND(0.0038)	ND(0.0018)	ND(0.0022)	ND(0.0019)	ND(0.023)	ND(0.0020)	ND(0.0022)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0025)	ND(0.0020)	ND(0.0026)	ND(0.0038)	ND(0.0018)	ND(0.0022)	ND(0.0019)	ND(0.023)	ND(0.0020)	ND(0.0022)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	**0.0043**	**0.0018**	**0.012**	ND(0.00095)	**0.290**	ND(0.00099)	**0.011**
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0025)	ND(0.0020)	ND(0.0026)	ND(0.0038)	ND(0.0018)	ND(0.0022)	ND(0.0019)	ND(0.023)	ND(0.0020)	ND(0.0022)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0025)	ND(0.0020)	ND(0.0026)	ND(0.0038)	ND(0.0018)	ND(0.0022)	ND(0.0019)	ND(0.023)	ND(0.0020)	ND(0.0022)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0045)	ND(0.0047)	ND(0.0044)	ND(0.0044)	ND(0.0048)	ND(0.0051)	ND(0.0051)	ND(0.0063)	ND(0.0049)	ND(0.0065)	ND(0.0095)	ND(0.0046)	ND(0.0054)	ND(0.0048)	**0.200J**	**0.011J**	ND(0.0055)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0025)	ND(0.0020)	ND(0.0026)	ND(0.0038)	**0.002J**	ND(0.0022)	ND(0.0019)	ND(0.023)	ND(0.0020)	ND(0.0022)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0091)	ND(0.0094)	ND(0.0088)	ND(0.0088)	ND(0.0095)	ND(0.010)	ND(0.010)	ND(0.013)	ND(0.0098)	ND(0.013)	ND(0.019)	ND(0.0092)	ND(0.011)	ND(0.0095)	ND(0.12)	ND(0.0099)	ND(0.011)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	**0.031**	ND(0.00099)	**0.0024**
Toluene	mg/Kg	0.6	12	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	**0.240**	**0.014**	ND(0.0011)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00091)	ND(0.00094)	ND(0.00088)	ND(0.00088)	ND(0.00095)	ND(0.0010)	ND(0.0010)	ND(0.0013)	ND(0.00098)	ND(0.0013)	ND(0.0019)	ND(0.00092)	ND(0.0011)	ND(0.00095)	ND(0.012)	ND(0.00099)	ND(0.0011)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0025)	ND(0.0020)	ND(0.0026)	ND(0.0038)	ND(0.0018)	ND(0.0022)	ND(0.0019)	ND(0.023)	ND(0.0020)	ND(0.0022)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-49 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface															
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'	40'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**0.70**	**0.39**	**0.49**	**1.5**	**0.24**	**0.71**	**0.14**	**0.89**	**0.14**	**4.7**	**5.6**	**2.9**	**2.5F1**	**3.9**	**9.7**	**0.72**	**1.7**
Hexavalent chromium	mg/Kg	2	40	--	--	0.36	ND(0.17)	ND(0.16)	ND(0.16)	ND(0.17)	ND(0.16)	ND(0.17)	ND(0.18)	ND(0.20)	ND(0.26)	ND(0.19)	ND(0.22)	ND(0.27)	ND(0.23)	ND(0.22)	ND(0.17)	ND(0.25)
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**37**	**21**	**24**	**24**	**18**	**23**	**18**	**19**	**9.9**	**51**	**60**	**27**	**36**	**32**	**38**	**19**	**58**
Percent Moisture	%	--	--	--	--	**10.2**	**9.6**	**8.4**	**7.6**	**13.7**	**6.9**	**12.7**	**14.8**	**27.1**	**42.4**	**19.2**	**32.2**	**44.8**	**35.5**	**33.4**	**13.1**	**41.2**
VOCs																						
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0021)	ND(0.0024)	ND(0.0019)	ND(0.0018)	ND(0.0015)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0027)	ND(0.0036)	ND(0.0023)	ND(0.0030)	ND(0.0033)	ND(0.0094)	ND(0.0027)	ND(0.0016)	ND(0.0028)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0052)	ND(0.0061)	ND(0.0047)	ND(0.0045)	ND(0.0037)	ND(0.0043)	ND(0.0046)	ND(0.0041)	ND(0.0069)	ND(0.0089)	ND(0.0058)	ND(0.0074)	ND(0.0082)	ND(0.024)	ND(0.0068)	ND(0.0041)	ND(0.0071)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0052)	ND(0.0061)	ND(0.0047)	ND(0.0045)	ND(0.0037)	ND(0.0043)	ND(0.0046)	ND(0.0041)	ND(0.0069)	ND(0.0089)	ND(0.0058)	ND(0.0074)	ND(0.0082)	ND(0.024)	ND(0.0068)	ND(0.0041)	ND(0.0071)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0026)	ND(0.0031)	ND(0.0023)	ND(0.0022)	ND(0.0018)	ND(0.0021)	ND(0.0023)	ND(0.0021)	ND(0.0034)	ND(0.0044)	ND(0.0029)	ND(0.0037)	ND(0.0041)	ND(0.012)	ND(0.0034)	ND(0.0020)	ND(0.0035)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0083)	ND(0.0098)	ND(0.0075)	ND(0.0071)	ND(0.0059)	ND(0.0069)	ND(0.0073)	ND(0.0066)	ND(0.011)	ND(0.014)	ND(0.0093)	ND(0.012)	ND(0.013)	ND(0.038)	ND(0.011)	ND(0.0065)	ND(0.011)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0021)	ND(0.0024)	ND(0.0019)	ND(0.0018)	ND(0.0015)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0027)	ND(0.0036)	ND(0.0023)	ND(0.0030)	ND(0.0033)	ND(0.0094)	ND(0.0027)	ND(0.0016)	ND(0.0028)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0021)	ND(0.0024)	ND(0.0019)	ND(0.0018)	ND(0.0015)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0027)	ND(0.0036)	ND(0.0023)	ND(0.0030)	ND(0.0033)	ND(0.0094)	ND(0.0027)	ND(0.0016)	ND(0.0028)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	**0.0029J**	ND(0.0012)	**0.010**	**0.0093**	**0.014**	ND(0.0014)	ND(0.00081)	ND(0.0014)
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0021)	ND(0.0024)	ND(0.0019)	ND(0.0018)	ND(0.0015)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0027)	ND(0.0036)	ND(0.0023)	ND(0.0030)	ND(0.0033)	ND(0.0094)	ND(0.0027)	ND(0.0016)	ND(0.0028)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0021)	ND(0.0024)	ND(0.0019)	ND(0.0018)	ND(0.0015)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0027)	ND(0.0036)	ND(0.0023)	ND(0.0030)	ND(0.0033)	ND(0.0094)	ND(0.0027)	ND(0.0016)	ND(0.0028)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0052)	ND(0.0061)	ND(0.0047)	ND(0.0045)	ND(0.0037)	**0.015J**	**0.011J**	ND(0.0041)	ND(0.0069)	ND(0.0089)	ND(0.0058)	ND(0.0074)	ND(0.0082)F1	ND(0.024)	ND(0.0068)	ND(0.0041)	ND(0.0071)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0021)	ND(0.0024)	ND(0.0019)	ND(0.0018)	ND(0.0015)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0027)	ND(0.0036)	ND(0.0023)	ND(0.0030)	ND(0.0033)	ND(0.0094)	ND(0.0027)	ND(0.0016)	ND(0.0028)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
o-Xylene	mg/Kg	9	180	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
Styrene	mg/Kg	0.2	4	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.010)	ND(0.012)	ND(0.0094)	ND(0.0089)	ND(0.0073)	ND(0.0086)	ND(0.0091)	ND(0.0083)	ND(0.014)	ND(0.018)	ND(0.012)	ND(0.015)	ND(0.016)	ND(0.047)	ND(0.014)	ND(0.0081)	ND(0.014)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	**0.0058**	**0.0021J**	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
Toluene	mg/Kg	0.6	12	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	**0.022**	**0.016**	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	**0.043**	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0010)	ND(0.0012)	ND(0.00094)	ND(0.00089)	ND(0.00073)	ND(0.00086)	ND(0.00091)	ND(0.00083)	ND(0.0014)	ND(0.0018)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0047)	ND(0.0014)	ND(0.00081)	ND(0.0014)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0021)	ND(0.0024)	ND(0.0019)	ND(0.0018)	ND(0.0015)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0027)	ND(0.0036)	ND(0.0023)	ND(0.0030)	ND(0.0033)	ND(0.0094)	ND(0.0027)	ND(0.0016)	ND(0.0028)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-50 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface														
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	27.5'	30'	32.5'	35'	37.5'	40'	42.5'	45'	45' DUP
Perchlorate	mg/Kg	0.0185	0.371	--	--	**1.5F1**	**0.17**	**2.5**	**1.3**	**0.85**	**0.049J**	**0.2**	**0.54**	**0.58**	**4.7**	**5.2**	**4**	**29**	**0.082**	**0.15F1**	**0.21**
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.16)	ND(0.17)	ND(0.18)	ND(0.16)	ND(0.16)	ND(0.19)	ND(0.18)	ND(0.20)	ND(0.17)	ND(0.22)	ND(0.25)	ND(0.20)	ND(0.23)	ND(0.21)	ND(0.25)	ND(0.24)
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**22**	**24**	**22**	**23**	**24**	**20**	**20**	**19**	**19**	**28**	**95**	**21**	**23**	**23**	**42**	**39**
Percent Moisture	%	--	--	--	--	**8.1**	**11.8**	**15.9**	**7.8**	**7.6**	**20**	**17.8**	**24.2**	**14.6**	**31.5**	**39.7**	**27.1**	**34.8**	**25.8**	**38.9**	**37.8**
VOCs																					
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0023)	ND(0.0019)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0019)	ND(0.0027)	ND(0.0026)	ND(0.0020)	ND(0.0022)	ND(0.0025)	ND(0.0045)	ND(0.0025)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0047)	ND(0.0049)	ND(0.0050)	ND(0.0057)	ND(0.0047)	ND(0.0049)	ND(0.0054)	ND(0.0051)	ND(0.0047)	ND(0.0067)	ND(0.0064)	ND(0.0049)	ND(0.0056)	ND(0.0063)	ND(0.011)	ND(0.0062)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0047)	ND(0.0049)	ND(0.0050)	ND(0.0057)	ND(0.0047)	ND(0.0049)	ND(0.0054)	ND(0.0051)	ND(0.0047)	ND(0.0067)	ND(0.0064)	ND(0.0049)	ND(0.0056)	ND(0.0063)	ND(0.011)	ND(0.0062)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0023)	ND(0.0024)	ND(0.0025)	ND(0.0029)	ND(0.0024)	ND(0.0025)	ND(0.0027)	ND(0.0025)	ND(0.0024)	ND(0.0033)	ND(0.0032)	ND(0.0025)	ND(0.0028)	ND(0.0032)	ND(0.0056)	ND(0.0031)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0075)	ND(0.0078)	ND(0.0080)	ND(0.0092)	ND(0.0076)	ND(0.0079)	ND(0.0086)	ND(0.0081)	**.011J**	ND(0.011)	ND(0.010)	ND(0.0079)	ND(0.0089)	ND(0.010)	ND(0.018)	ND(0.010)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0023)	ND(0.0019)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0019)	ND(0.0027)	ND(0.0026)	ND(0.0020)	ND(0.0022)	ND(0.0025)	ND(0.0045)	ND(0.0025)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0023)	ND(0.0019)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0019)	ND(0.0027)	ND(0.0026)	ND(0.0020)	ND(0.0022)	ND(0.0025)	ND(0.0045)	ND(0.0025)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	**0.0062**	**0.0044**	**0.0034**	**0.0038**	ND(0.0013)	ND(0.0013)	**.0014J**	**.0013J**	ND(0.0013)	ND(0.0022)	**.0012J**
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0023)	ND(0.0019)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0019)	ND(0.0027)	ND(0.0026)	ND(0.0020)	ND(0.0022)	ND(0.0025)	ND(0.0045)	ND(0.0025)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0023)	ND(0.0019)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0019)	ND(0.0027)	ND(0.0026)	ND(0.0020)	ND(0.0022)	ND(0.0025)	ND(0.0045)	ND(0.0025)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0047)	ND(0.0049)	ND(0.0050)	ND(0.0057)	ND(0.0047)	ND(0.0049)	ND(0.0054)	ND(0.0051)	ND(0.0047)	ND(0.0067)	ND(0.0064)	ND(0.0049)	ND(0.0056)	ND(0.0063)	**.027J**	ND(0.0062)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0023)	ND(0.0019)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0019)	ND(0.0027)	ND(0.0026)	ND(0.0020)	ND(0.0022)	ND(0.0025)	ND(0.0045)	ND(0.0025)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0093)	ND(0.0098)	ND(0.010)	ND(0.011)	ND(0.0095)	ND(0.0098)	ND(0.011)	ND(0.010)	ND(0.0095)	ND(0.013)	ND(0.013)	ND(0.0098)	ND(0.011)	ND(0.013)	ND(0.022)	ND(0.012)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
Toluene	mg/Kg	0.6	12	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	**31**	ND(0.0012)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00093)	ND(0.00098)	ND(0.0010)	ND(0.0011)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00095)	ND(0.0013)	ND(0.0013)	ND(0.00098)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0012)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0019)	ND(0.0020)	ND(0.0020)	ND(0.0023)	ND(0.0019)	ND(0.0020)	ND(0.0022)	ND(0.0020)	ND(0.0019)	ND(0.0027)	ND(0.0026)	ND(0.0020)	ND(0.0022)	ND(0.0025)	ND(0.0045)	ND(0.0025)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-51 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface														
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	37.5'	40'	42.5'	45'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**9.0**	**8.3**	**43**	**7.9**	**6.0**	**0.20**	**0.44**	**0.42**	**22**	**52**	**1,600**	**100**	**1.1**	**0.26**	**0.23**
Hexavalent chromium	mg/Kg	2	40	--	--	**0.19J**	**0.21J**	**0.47**	**0.18J**	ND(0.17)	ND(0.19)	ND(0.16)	ND(0.16)	ND(0.17)	**0.24J**	**2.5**	ND(0.21)	ND(0.26)	ND(0.25)	ND(0.22)F1
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**24**	**21**	**23**	**18**	**21**	**17**	**18**	**6.0**	**25**	**34**	**42**	**32**	**49**	**46**	**30**
Percent Moisture	%	--	--	--	--	**8.0**	**10**	**8.6**	**11.4**	**10.3**	**21.3**	**8.1**	**5.1**	**10.4**	**11.3**	**32.9**	**28.6**	**41.8**	**39.4**	**31.3**
VOCs																				
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00095)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0020)	ND(0.0022)	ND(0.0018)	ND(0.0029)	ND(0.0016)	ND(0.0022)	ND(0.0018)	ND(0.0018)	ND(0.0019)	ND(0.0023)	ND(0.0033)	ND(0.0020)	ND(0.0032)	ND(0.0036)	ND(0.0024)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0050)	ND(0.0055)	ND(0.0045)	ND(0.0073)	ND(0.0039)	ND(0.0054)	ND(0.0044)	ND(0.0045)	ND(0.0047)	ND(0.0057)	ND(0.0083)	ND(0.0050)	ND(0.0080)	ND(0.0089)	ND(0.0060)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0050)	ND(0.0055)	ND(0.0045)	ND(0.0073)	ND(0.0039)	ND(0.0054)	ND(0.0044)	ND(0.0045)	ND(0.0047)	ND(0.0057)	ND(0.0083)	ND(0.0050)	ND(0.0080)	ND(0.0089)	ND(0.0060)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0025)	ND(0.0028)	ND(0.0022)	ND(0.0036)	ND(0.0020)	ND(0.0027)	ND(0.0022)	ND(0.0022)	ND(0.0024)	ND(0.0028)	ND(0.0042)	ND(0.0025)	ND(0.0040)	ND(0.0045)	ND(0.0030)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0080)	ND(0.0088)	ND(0.0072)	ND(0.012)	ND(0.0063)	**0.035**	ND(0.0071)	ND(0.0071)	**0.015J**	ND(0.0091)	ND(0.013)	**0.016J**	**0.023J**	**0.061**	ND(0.0096)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0020)	ND(0.0022)	ND(0.0018)	ND(0.0029)	ND(0.0016)	ND(0.0022)	ND(0.0018)	ND(0.0018)	ND(0.0019)	ND(0.0023)	ND(0.0033)	ND(0.0020)	ND(0.0032)	ND(0.0036)	ND(0.0024)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0020)	ND(0.0022)	ND(0.0018)	ND(0.0029)	ND(0.0016)	ND(0.0022)	ND(0.0018)	ND(0.0018)	ND(0.0019)	ND(0.0023)	ND(0.0033)	ND(0.0020)	ND(0.0032)	ND(0.0036)	ND(0.0024)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	**0.0041**	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0020)	ND(0.0022)	ND(0.0018)	ND(0.0029)	ND(0.0016)	ND(0.0022)	ND(0.0018)	ND(0.0018)	ND(0.0019)	ND(0.0023)	ND(0.0033)	ND(0.0020)	ND(0.0032)	ND(0.0036)	ND(0.0024)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0019)	ND(0.0027)	ND(0.0018)	ND(0.0029)	ND(0.0016)	ND(0.0022)	ND(0.0018)	ND(0.0018)	ND(0.0019)	ND(0.0023)	ND(0.0033)	ND(0.0020)	ND(0.0032)	ND(0.0036)	ND(0.0024)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0050)	ND(0.0055)	ND(0.0045)	ND(0.0073)	ND(0.0039)	ND(0.0054)	ND(0.0044)	ND(0.0045)	ND(0.0047)	ND(0.0057)	ND(0.0083)	ND(0.0050)	ND(0.0080)	ND(0.0089)	ND(0.0060)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00095)	ND(0.0013)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0020)	ND(0.0022)	ND(0.0018)	ND(0.0029)	ND(0.0016)	ND(0.0022)	ND(0.0018)	ND(0.0018)	ND(0.0019)	ND(0.0023)	ND(0.0033)	ND(0.0020)	ND(0.0032)	ND(0.0036)	ND(0.0024)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00095)	ND(0.0013)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Styrene	mg/Kg	0.2	4	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.010)	ND(0.011)	ND(0.0090)	ND(0.015)	ND(0.0078)	ND(0.011)	ND(0.0089)	ND(0.0089)	ND(0.0095)	ND(0.011)	ND(0.017)	ND(0.0099)	ND(0.016)	ND(0.018)	ND(0.012)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Toluene	mg/Kg	0.6	12	--	--	ND(0.00095)	ND(0.0013)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0010)	ND(0.0011)	ND(0.00090)	ND(0.0015)	ND(0.00078)	ND(0.0011)	ND(0.00089)	ND(0.00089)	ND(0.00095)	ND(0.0011)	ND(0.0017)	ND(0.00099)	ND(0.0016)	ND(0.0018)	ND(0.0012)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0019)	ND(0.0027)	ND(0.0018)	ND(0.0029)	ND(0.0016)	ND(0.0022)	ND(0.0018)	ND(0.0018)	ND(0.0019)	ND(0.0023)	ND(0.0033)	ND(0.0020)	ND(0.0032)	ND(0.0036)	ND(0.0024)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-52 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface													
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**1.3**	**0.32**	**0.029J**	**0.21**	**0.41**	**0.48F2 F1**	**0.15**	**0.098**	**0.15**	**0.89**	**2**	**0.77**	**11**	**9.5**	**7.7**
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.16)	ND(0.17)	ND(0.17)	ND(0.18)	ND(0.16)	ND(0.17)	ND(0.17)	**2.6**	ND(0.18)	ND(0.22)	ND(0.23)	ND(0.17)	ND(0.22)	ND(0.18)	**0.31J**
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**20B**	**25B**	**25B**	**26B**	**27B**	**18**	**20**	**17**	**26**	**35**	**50**	**20**	**34**	**31**	**69**
Percent Moisture	%	--	--	--	--	**6.7**	**10.6**	**11.7**	**14.6**	**9.1**	**13**	**13.7**	**12**	**17.7**	**31.2**	**33.6**	**10.6**	**29.8**	**20.4**	**36.6**
VOCs																				
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0024)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0031)	ND(0.0028)	ND(0.0021)	ND(0.0024)	ND(0.0018)	ND(0.0026)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0050)	ND(0.0052)	ND(0.0044)	ND(0.0060)	ND(0.0041)	ND(0.0045)	ND(0.0043)	ND(0.0046)	ND(0.0048)	ND(0.0077)	ND(0.0069)	ND(0.0051)	ND(0.0061)	ND(0.0045)	ND(0.0065)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0050)	ND(0.0052)	ND(0.0044)	ND(0.0060)	ND(0.0041)	ND(0.0045)	ND(0.0043)	ND(0.0046)	ND(0.0048)	ND(0.0077)	ND(0.0069)	ND(0.0051)	ND(0.0061)	ND(0.0045)	ND(0.0065)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0025)	ND(0.0026)	ND(0.0022)	ND(0.0030)	ND(0.0021)	ND(0.0023)	ND(0.0022)	ND(0.0023)	ND(0.0024)	ND(0.0039)	ND(0.0035)	ND(0.0026)	ND(0.0030)	ND(0.0023)	ND(0.0033)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0080)	ND(0.0084)	ND(0.0070)	ND(0.0096)	ND(0.0066)	ND(0.0072)	ND(0.0069)	ND(0.0073)	ND(0.0076)	ND(0.012)	ND(0.011)	ND(0.0082)	ND(0.0097)	ND(0.0072)	ND(0.010)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0024)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0031)	ND(0.0028)	ND(0.0021)	ND(0.0024)	ND(0.0018)	ND(0.0026)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0024)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0031)	ND(0.0028)	ND(0.0021)	ND(0.0024)	ND(0.0018)	ND(0.0026)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	**0.0017J**	**0.0028**
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0024)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0031)	ND(0.0028)	ND(0.0021)	ND(0.0024)	ND(0.0018)	ND(0.0026)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0024)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0031)	ND(0.0028)	ND(0.0021)	ND(0.0024)	ND(0.0018)	ND(0.0026)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0050)	ND(0.0052)	ND(0.0044)	ND(0.0060)	ND(0.0041)	ND(0.0045)	ND(0.0043)	ND(0.0046)	ND(0.0048)	ND(0.0077)	ND(0.0069)	ND(0.0051)	ND(0.0061)	ND(0.0045)	ND(0.0065)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0024)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0018)	**0.0063**	ND(0.0031)	ND(0.0028)	**0.020**	ND(0.0024)	ND(0.0018)	ND(0.0026)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
o-Xylene	mg/Kg	9	180	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
Styrene	mg/Kg	0.2	4	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.010)	ND(0.010)	ND(0.0088)	ND(0.012)	ND(0.0083)	ND(0.0090)	ND(0.0087)	ND(0.0091)	ND(0.0095)	ND(0.015)	ND(0.014)	ND(0.010)	ND(0.012)	ND(0.0091)	ND(0.013)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
Toluene	mg/Kg	0.6	12	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0010)	ND(0.0010)	ND(0.00088)	ND(0.0012)	ND(0.00083)	ND(0.00090)	ND(0.00087)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0014)	ND(0.0010)	ND(0.0012)	ND(0.00091)	ND(0.0013)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0024)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0019)	ND(0.0031)	ND(0.0028)	ND(0.0021)	ND(0.0024)	ND(0.0018)	ND(0.0026)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-53 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'	40'	42.5'	45'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**0.22 F1**	**0.15**	**0.077**	**0.21**	**0.46**	**0.27**	**0.13**	**0.16**	**0.86**	**0.26**	**0.72**	**3.6**	**2.2**	**4.0**	**1.5**	**0.96**	**2.3**	**0.99**
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.16)	ND(0.16)	ND(0.17)	ND(0.17)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.17)	ND(0.17)	ND(0.16)	ND(0.18)	ND(0.21)	ND(0.19)	ND(0.18)	ND(0.16)	ND(0.22)	ND(0.21)
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**20B**	**27B**	**24B**	**23B**	**25**	**17**	**22**	**17**	**18**	**15**	**17**	**10**	**33**	**51**	**17**	**16**	**36**	**26**
Percent Moisture	%	--	--	--	--	**6.9**	**8.6**	**10.4**	**12.1**	**22.9**	**22.2**	**20.7**	**20.9**	**8.7**	**11.7**	**8.9**	**14.9**	**29.1**	**20.5**	**16.7**	**7.6**	**32.1**	**29.3**
VOCs																							
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0019)	ND(0.0018)	ND(0.00081)	ND(0.0019)	ND(0.0021)	ND(0.0020)	ND(0.0020)	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0020)	ND(0.0030)	ND(0.0026)	ND(0.0020)	ND(0.0018)	ND(0.0025)	ND(0.0021)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0047)	ND(0.0044)	ND(0.0020)	ND(0.0049)	ND(0.0054)	ND(0.0049)	ND(0.0050)	ND(0.0049)	ND(0.0047)	ND(0.0042)	ND(0.0046)	ND(0.0051)	ND(0.0076)	ND(0.0064)	ND(0.0051)	ND(0.0045)	ND(0.0062)	ND(0.0052)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0047)	ND(0.0044)	ND(0.0020)	ND(0.0049)	ND(0.0054)	ND(0.0049)	ND(0.0050)	ND(0.0049)	ND(0.0047)	ND(0.0042)	ND(0.0046)	ND(0.0051)	ND(0.0076)	ND(0.0064)	ND(0.0051)	ND(0.0045)	ND(0.0062)	ND(0.0052)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0023)	ND(0.0022)	ND(0.0010)	ND(0.0024)	ND(0.0027)	ND(0.0025)	ND(0.0025)	ND(0.0024)	ND(0.0024)	ND(0.0021)	ND(0.0023)	ND(0.0025)	ND(0.0038)	ND(0.0032)	ND(0.0025)	ND(0.0022)	ND(0.0031)	ND(0.0026)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0075)	ND(0.0071)	ND(0.0032)	ND(0.0078)	ND(0.0086)	ND(0.0079)	**0.016J**	**0.0087J**	ND(0.0076)	ND(0.0068)	ND(0.0073)	ND(0.0081)	ND(0.012)	ND(0.010)	ND(0.0081)	ND(0.0071)	ND(0.0099)	ND(0.0083)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0019)	ND(0.0018)	ND(0.00081)	ND(0.0019)	ND(0.0021)	ND(0.0020)	ND(0.0020)	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0020)	ND(0.0030)	ND(0.0026)	ND(0.0020)	ND(0.0018)	ND(0.0025)	ND(0.0021)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0019)	ND(0.0018)	ND(0.00081)	ND(0.0019)	ND(0.0021)	ND(0.0020)	ND(0.0020)	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0020)	ND(0.0030)	ND(0.0026)	ND(0.0020)	ND(0.0018)	ND(0.0025)	ND(0.0021)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	**0.0039**	**0.0032**
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0019)	ND(0.0018)	ND(0.00081)	ND(0.0019)	ND(0.0021)	ND(0.0020)	ND(0.0020)	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0020)	ND(0.0030)	ND(0.0026)	ND(0.0020)	ND(0.0018)	ND(0.0025)	ND(0.0021)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0019)	ND(0.0018)	ND(0.00081)	ND(0.0019)	ND(0.0021)	ND(0.0020)	ND(0.0020)	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0020)	ND(0.0030)	ND(0.0026)	ND(0.0020)	ND(0.0018)	ND(0.0025)	ND(0.0021)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0047)	ND(0.0044)	ND(0.0020)	ND(0.0049)	ND(0.0054)	ND(0.0049)	ND(0.0050)	ND(0.0049)	ND(0.0047)	ND(0.0042)	ND(0.0046)	ND(0.0051)	ND(0.0076)	ND(0.0064)	ND(0.0051)	ND(0.0045)	ND(0.0062)	ND(0.0052)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0019)	ND(0.0018)	ND(0.00081)	ND(0.0019)	**0.0052J**	ND(0.0020)	ND(0.0020)	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0020)	ND(0.0030)	ND(0.0026)	ND(0.0020)	ND(0.0018)	ND(0.0025)	ND(0.0021)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0094)	ND(0.0089)	ND(0.0041)	ND(0.0097)	ND(0.011)	ND(0.0098)	ND(0.010)	ND(0.0097)	ND(0.0095)	ND(0.0085)	ND(0.0091)	ND(0.010)	ND(0.015)	ND(0.013)	ND(0.010)	ND(0.0089)	ND(0.012)	ND(0.010)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
Toluene	mg/Kg	0.6	12	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00094)	ND(0.00089)	ND(0.00041)	ND(0.00097)	ND(0.0011)	ND(0.00098)	ND(0.0010)	ND(0.00097)	ND(0.00095)	ND(0.00085)	ND(0.00091)	ND(0.0010)	ND(0.0015)	ND(0.0013)	ND(0.0010)	ND(0.00089)	ND(0.0012)	ND(0.0010)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0019)	ND(0.0018)	ND(0.00081)	ND(0.0019)	ND(0.0021)	ND(0.0020)	ND(0.0020)	ND(0.0019)	ND(0.0019)	ND(0.0017)	ND(0.0018)	ND(0.0020)	ND(0.0030)	ND(0.0026)	ND(0.0020)	ND(0.0018)	ND(0.0025)	ND(0.0021)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-54 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface														
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**0.090**	**0.10**	ND(0.011)	**0.10**	**0.061**	**0.25F1**	**0.083**	**0.25**	**0.21**	**0.46**	**0.33**	**23**	**27**	**7.9**	**4.4**	**5.7**
Hexavalent chromium	mg/Kg	2	40	--	--	**1.6**	**1.3**	ND(0.18)	ND(0.19)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.16)	ND(0.16)	**0.37J**	ND(0.20)	**0.54**	**0.28J**	ND(0.23)	ND(0.23)	**0.35J**
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**40B**	**22B**	**18**	**26**	**14**	**21**	**19**	**19**	**19**	**45**	**45**	**38**	**30**	**36**	**43**	**54**
Percent Moisture	%	--	--	--	--	**11.7**	**16.5**	**16.8**	**20.3**	**11.4**	**11.5**	**10.6**	**8.8**	**8.4**	**26.9**	**25.6**	**35.7**	**32.9**	**36.3**	**34.9**	**37**
VOCs																					
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	**0.0015J**	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0017)	ND(0.0026)	ND(0.0018)	ND(0.0014)	ND(0.0023)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0027)	ND(0.0025)	ND(0.0030)	ND(0.0032)	ND(0.0027)	ND(0.0028)	ND(0.0026)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0042)	ND(0.0065)	ND(0.0045)	ND(0.0036)	ND(0.0057)	ND(0.0044)	ND(0.0043)	ND(0.0044)	ND(0.0043)	ND(0.0068)	ND(0.0062)	ND(0.0074)	ND(0.0081)	ND(0.0069)	ND(0.0069)	ND(0.0066)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0042)	ND(0.0065)	ND(0.0045)	ND(0.0036)	ND(0.0057)	ND(0.0044)	ND(0.0043)	ND(0.0044)	ND(0.0043)	ND(0.0068)	ND(0.0062)	ND(0.0074)	ND(0.0081)	ND(0.0069)	ND(0.0069)	ND(0.0066)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0021)	ND(0.0033)	ND(0.0022)	ND(0.0018)	ND(0.0029)	ND(0.0022)	ND(0.0022)	ND(0.0022)	ND(0.0022)	ND(0.0034)	ND(0.0031)	ND(0.0037)	ND(0.0040)	ND(0.0034)	ND(0.0035)	ND(0.0033)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0068)	ND(0.010)	ND(0.0071)	ND(0.0057)	ND(0.0092)	ND(0.0070)	ND(0.0069)	ND(0.0071)	ND(0.0069)	ND(0.011)	ND(0.0099)	ND(0.012)	ND(0.013)	ND(0.011)	ND(0.011)	ND(0.010)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0017)	ND(0.0026)	ND(0.0018)	ND(0.0014)	ND(0.0023)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0027)	ND(0.0025)	ND(0.0030)	ND(0.0032)	ND(0.0027)	ND(0.0028)	ND(0.0026)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0017)	ND(0.0026)	ND(0.0018)	ND(0.0014)	ND(0.0023)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0027)	ND(0.0025)	ND(0.0030)	ND(0.0032)	ND(0.0027)	ND(0.0028)	ND(0.0026)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	**0.0028**
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0017)	ND(0.0026)	ND(0.0018)	ND(0.0014)	ND(0.0023)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0027)	ND(0.0025)	ND(0.0030)	ND(0.0032)	ND(0.0027)	ND(0.0028)	ND(0.0026)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0017)	ND(0.0026)	ND(0.0018)	ND(0.0014)	ND(0.0023)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0027)	ND(0.0025)	ND(0.0030)	ND(0.0032)	ND(0.0027)	ND(0.0028)	ND(0.0026)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0042)	ND(0.0065)	ND(0.0045)	ND(0.0036)	ND(0.0057)	ND(0.0044)	ND(0.0043)	ND(0.0044)	ND(0.0043)	ND(0.0068)	ND(0.0062)	ND(0.0074)	ND(0.0081)	ND(0.0069)	ND(0.0069)	ND(0.0066)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0017)	ND(0.0026)	ND(0.0018)	ND(0.0014)	ND(0.0023)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0027)	ND(0.0025)	ND(0.0030)	ND(0.0032)	ND(0.0027)	ND(0.0028)	ND(0.0026)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0085)	ND(0.013)	ND(0.0089)	ND(0.0071)	ND(0.011)	ND(0.0087)	ND(0.0086)	ND(0.0088)	ND(0.0086)	ND(0.014)	ND(0.012)	ND(0.015)	ND(0.016)	ND(0.014)	ND(0.014)	ND(0.013)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
Toluene	mg/Kg	0.6	12	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	**0.0016J**	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	**0.0014J**	**0.0021J**	**0.0019J**	**0.0024J**	**0.0024J**	ND(0.0014)	ND(0.0014)	ND(0.0013)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00085)	ND(0.0013)	ND(0.00089)	ND(0.00071)	ND(0.0011)	ND(0.00087)	ND(0.00086)	ND(0.00088)	ND(0.00086)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0014)	ND(0.0013)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0017)	ND(0.0026)	ND(0.0018)	ND(0.0014)	ND(0.0023)	ND(0.0017)	ND(0.0017)	ND(0.0018)	ND(0.0017)	ND(0.0027)	ND(0.0025)	ND(0.0030)	ND(0.0032)	ND(0.0027)	ND(0.0028)	ND(0.0026)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-55 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface											
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	5'	7.5'	10'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**7.1**	**1.7**	**1.7**	**2.1**	**3.5**	**7.8**	**11**	**18**	**77**	**80**	**18**	**10**
Hexavalent chromium	mg/Kg	2	40	--	--	**3.9**	**0.19J**	**0.27J**	**0.61**	**0.56**	**1.00**	**0.57**	**0.47**	**1.3**	**1.9**	**0.6**	**0.46**
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**21**	**17**	**19**	**20**	**14**	**36**	**47**	**51**	**100**	**81**	**41**	**47**
Percent Moisture	%	--	--	--	--	**14.8**	**14**	**16.1**	**10.9**	**17.8**	**20.3**	**24.1**	**23.8**	**39.9**	**43.4**	**39.1**	**34.7**
VOCs																	
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)F2	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)F2	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)F2	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)F2	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0026)	ND(0.0023)	ND(0.0024)	ND(0.0020)	ND(0.0022)	ND(0.0026)F2	ND(0.0024)	ND(0.0020)	ND(0.0036)	ND(0.0035)	ND(0.0028)	ND(0.0029)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)F2 F1	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)F2	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)F2	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)F1	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)F2	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0065)	ND(0.0058)	ND(0.0060)	ND(0.0050)	ND(0.0054)	ND(0.0064)F2	ND(0.0060)	ND(0.0049)	ND(0.0090)	ND(0.0088)	ND(0.0069)	ND(0.0072)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0065)	ND(0.0058)	ND(0.0060)	ND(0.0050)	ND(0.0054)	ND(0.0064)F2	ND(0.0060)	ND(0.0049)	ND(0.0090)	ND(0.0088)	ND(0.0069)	ND(0.0072)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0033)	ND(0.0029)	ND(0.0030)	ND(0.0025)	ND(0.0027)	ND(0.0032)F2	ND(0.0030)	ND(0.0024)	ND(0.0045)	ND(0.0044)	ND(0.0035)	ND(0.0036)
Acetone	mg/Kg	0.8	16	--	--	ND(0.010)	ND(0.0092)	ND(0.0096)	ND(0.0081)	ND(0.0087)	ND(0.010)F2	ND(0.0096)	ND(0.0078)	ND(0.014)	ND(0.014)	ND(0.011)	ND(0.012)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)F2	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)F2	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0026)	ND(0.0023)	ND(0.0024)	ND(0.0020)	ND(0.0022)	ND(0.0026)F2	ND(0.0024)	ND(0.0020)	ND(0.0036)	ND(0.0035)	ND(0.0028)	ND(0.0029)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0026)	ND(0.0023)	ND(0.0024)	ND(0.0020)	ND(0.0022)	ND(0.0026)	ND(0.0024)	ND(0.0020)	ND(0.0036)	ND(0.0035)	ND(0.0028)	ND(0.0029)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.0048**	**0.0039**	**0.016**	**0.0021**	**0.0058**	**0.0058F2**	**0.091**	**0.027**	**0.150**	**0.130**	**0.18**	**0.019**
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)F2	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)F2	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)F2	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)F2 F1	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0026)	ND(0.0023)	ND(0.0024)	ND(0.0020)	ND(0.0022)	ND(0.0026)	ND(0.0024)	ND(0.0020)	ND(0.0036)	ND(0.0035)	ND(0.0028)	ND(0.0029)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)F2	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)F2	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
m,p-Xylene	mg/Kg	10[f]	200[g]	--	--	ND(0.0026)	ND(0.0023)	ND(0.0024)	ND(0.0020)	ND(0.0022)	ND(0.0026)	ND(0.0024)	ND(0.0020)	ND(0.0036)	ND(0.0035)	ND(0.0028)	ND(0.0029)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0065)	ND(0.0058)	ND(0.0060)	ND(0.0050)	ND(0.0054)	ND(0.0064)F2	ND(0.0060)	ND(0.0049)	ND(0.0090)	ND(0.0088)	ND(0.0069)	ND(0.0072)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)F2	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0026)	ND(0.0023)	ND(0.0024)	ND(0.0020)	ND(0.0022)	ND(0.0026)F2	ND(0.0024)	ND(0.0020)	ND(0.0036)	ND(0.0035)	ND(0.0028)	ND(0.0029)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)F1	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
o-Xylene	mg/Kg	9	180	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)F1	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
Styrene	mg/Kg	0.2	4	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)F2	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.013)	ND(0.012)	ND(0.012)	ND(0.010)	ND(0.011)	ND(0.013)*	ND(0.012)	ND(0.0098)	ND(0.018)	ND(0.018)	ND(0.014)	ND(0.014)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)F1	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	**0.0024J**	ND(0.0018)	**0.0028**	ND(0.0014)
Toluene	mg/Kg	0.6	12	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)F2	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0011)	ND(0.0013)	ND(0.0012)	ND(0.00098)	ND(0.0018)	ND(0.0018)	ND(0.0014)	ND(0.0014)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0026)	ND(0.0023)	ND(0.0024)	ND(0.0020)	ND(0.0022)	ND(0.0026)	ND(0.0024)	ND(0.0020)	ND(0.0036)	ND(0.0035)	ND(0.0028)	ND(0.0029)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-56 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface										
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**39**	**16**	**1.2**	**3.6**	**5.7**	**6.5**	**2.8**	**7.4**	**30**	**66**	**100**
Hexavalent chromium	mg/Kg	2	40	--	--	**0.72**	**0.25J**	**0.20J**	ND(0.17)	**1.1**	**0.35J**	**0.28J**	**0.91**	**2.1**	**1.2**	**2.5**
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**33**	**17**	**25**	**49**	**42**	**66**	**32**	**45**	**92**	**42**	**55**
Percent Moisture	%	--	--	--	--	**14.8**	**13.2**	**17.1**	**8.0**	**18.8**	**26.6**	**12.1**	**17**	**43**	**36.3**	**37.5**
VOCs																
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0017)	ND(0.0012)	ND(0.0012)	ND(0.0024)	ND(0.0023)	ND(0.0033)	ND(0.0022)	ND(0.0034)	ND(0.0044)	ND(0.0029)	ND(0.0045)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0043)	ND(0.0029)	ND(0.0030)	ND(0.0061)	ND(0.0059)	ND(0.0082)	ND(0.0054)	ND(0.0085)	ND(0.011)	ND(0.0074)	ND(0.011)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0043)	ND(0.0029)	ND(0.0030)	ND(0.0061)	ND(0.0059)	ND(0.0082)	ND(0.0054)	ND(0.0085)	ND(0.011)	ND(0.0074)	ND(0.011)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0021)	ND(0.0015)	ND(0.0015)	ND(0.0031)	ND(0.0029)	ND(0.0041)	ND(0.0027)	ND(0.0042)	ND(0.0055)	ND(0.0037)	ND(0.0056)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0069)	ND(0.0047)	ND(0.0048)	ND(0.0098)	ND(0.0094)	ND(0.013)	ND(0.0087)	ND(0.014)	ND(0.018)	ND(0.012)	ND(0.018)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0017)	ND(0.0012)	ND(0.0012)	ND(0.0024)	ND(0.0023)	ND(0.0033)	ND(0.0022)	ND(0.0034)	ND(0.0044)	ND(0.0029)	ND(0.0045)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0017)	ND(0.0012)	ND(0.0012)	ND(0.0024)	ND(0.0023)	ND(0.0033)	ND(0.0022)	ND(0.0034)	ND(0.0044)	ND(0.0029)	ND(0.0045)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.0038**	**0.013**	**0.0021**	**0.010**	**0.011**	**0.049**	**0.0039**	**0.220**	**0.100**	**0.210**	**0.150**
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0017)	ND(0.0012)	ND(0.0012)	ND(0.0024)	ND(0.0023)	ND(0.0033)	ND(0.0022)	ND(0.0034)	ND(0.0044)	ND(0.0029)	ND(0.0045)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
m,p-Xylene	mg/Kg	10[f]	200[g]	--	--	ND(0.0017)	ND(0.0012)	ND(0.0012)	ND(0.0024)	ND(0.0023)	ND(0.0033)	ND(0.0022)	ND(0.0034)	ND(0.0044)	ND(0.0029)	ND(0.0045)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0043)	ND(0.0029)	ND(0.0030)	ND(0.0061)	ND(0.0059)	ND(0.0082)	ND(0.0054)	ND(0.0085)	ND(0.011)	ND(0.0074)	ND(0.011)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0017)	ND(0.0012)	ND(0.0012)	ND(0.0024)	ND(0.0023)	ND(0.0033)	ND(0.0022)	ND(0.0034)	ND(0.0044)	ND(0.0029)	ND(0.0045)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0086)	ND(0.0059)	ND(0.0060)	ND(0.012)	ND(0.012)	ND(0.016)	ND(0.011)	ND(0.017)	ND(0.022)	ND(0.015)	ND(0.022)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00086)	**0.0026**	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	**0.0053**	ND(0.0022)	**0.0041**	**0.0026J**
Toluene	mg/Kg	0.6	12	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00086)	ND(0.00059)	ND(0.00060)	ND(0.0012)	ND(0.0012)	ND(0.0016)	ND(0.0011)	ND(0.0017)	ND(0.0022)	ND(0.0015)	ND(0.0022)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0017)	ND(0.0012)	ND(0.0012)	ND(0.0024)	ND(0.0023)	ND(0.0033)	ND(0.0022)	ND(0.0034)	ND(0.0044)	ND(0.0029)	ND(0.0045)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-57 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface										
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**4.2**	**0.54**	**1.4**	**1.8**	**3.5**	**15**	**15**	**62**	**110**	**640**	**350**
Hexavalent chromium	mg/Kg	2	40	--	--	**1.3**	**1.6**	**1.0**	**0.44**	**0.41**	**0.60**	**0.57**	**2.6**	**4.5**	**8.0**	**3.3**
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**61**	**38**	**33**	**21**	**29**	**99**	**120**	**52**	**54**	**63**	**49**
Percent Moisture	%	--	--	--	--	**9.8**	**17**	**10.3**	**9.1**	**14.7**	**24.3**	**29.8**	**31**	**40.3**	**38.7**	**37.8**
VOCs																
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0020)	ND(0.0022)	ND(0.0029)	ND(0.0018)	ND(0.0020)	ND(0.0027)	ND(0.0027)	ND(0.0022)	ND(0.0030)	ND(0.0030)	ND(0.0034)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0050)	ND(0.0055)	ND(0.0072)	ND(0.0045)	ND(0.0050)	ND(0.0066)	ND(0.0067)	ND(0.0055)	ND(0.0075)	ND(0.0075)	ND(0.0084)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0050)	ND(0.0055)	ND(0.0072)	ND(0.0045)	ND(0.0050)	ND(0.0066)	ND(0.0067)	ND(0.0055)	ND(0.0075)	ND(0.0075)	ND(0.0084)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0025)	ND(0.0027)	ND(0.0036)	ND(0.0022)	ND(0.0025)	ND(0.0033)	ND(0.0033)	ND(0.0028)	ND(0.0038)	ND(0.0038)	ND(0.0042)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0080)	ND(0.0088)	ND(0.011)	ND(0.0071)	ND(0.0080)	ND(0.011)	ND(0.011)	ND(0.0089)	ND(0.012)	ND(0.012)	ND(0.013)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0020)	ND(0.0022)	ND(0.0029)	ND(0.0018)	ND(0.0020)	ND(0.0027)	ND(0.0027)	ND(0.0022)	ND(0.0030)	ND(0.0030)	ND(0.0034)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0020)	ND(0.0022)	ND(0.0029)	ND(0.0018)	ND(0.0020)	ND(0.0027)	ND(0.0027)	ND(0.0022)	ND(0.0030)	ND(0.0030)	ND(0.0034)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.0057**	**0.0041**	**0.0028J**	**0.0021**	**0.0018J**	**0.059**	**0.024**	**0.420**	**0.640**	**0.410**	**0.170**
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0020)	ND(0.0022)	ND(0.0029)	ND(0.0018)	ND(0.0020)	ND(0.0027)	ND(0.0027)	ND(0.0022)	ND(0.0030)	ND(0.0030)	ND(0.0034)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
m,p-Xylene	mg/Kg	10[f]	200[g]	--	--	ND(0.0020)	ND(0.0022)	ND(0.0029)	ND(0.0018)	ND(0.0020)	ND(0.0027)	ND(0.0027)	ND(0.0022)	ND(0.0030)	ND(0.0030)	ND(0.0034)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0050)	ND(0.0055)	ND(0.0072)	ND(0.0045)	ND(0.0050)	ND(0.0066)	ND(0.0067)	ND(0.0055)	ND(0.0075)	ND(0.0075)	ND(0.0084)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0020)	ND(0.0022)	ND(0.0029)	ND(0.0018)	ND(0.0020)	ND(0.0027)	ND(0.0027)	ND(0.0022)	ND(0.0030)	ND(0.0030)	ND(0.0034)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
o-Xylene	mg/Kg	9	180	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
Styrene	mg/Kg	0.2	4	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.010)	ND(0.011)	ND(0.014)	ND(0.0089)	ND(0.0099)	ND(0.013)	ND(0.013)	ND(0.011)	ND(0.015)	ND(0.015)	ND(0.017)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	**0.0046**	**0.0054**	**0.0035**	ND(0.0017)
Toluene	mg/Kg	0.6	12	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0010)	ND(0.0011)	ND(0.0014)	ND(0.00089)	ND(0.00099)	ND(0.0013)	ND(0.0013)	ND(0.0011)	ND(0.0015)	ND(0.0015)	ND(0.0017)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0020)	ND(0.0022)	ND(0.0029)	ND(0.0018)	ND(0.0020)	ND(0.0027)	ND(0.0027)	ND(0.0022)	ND(0.0030)	ND(0.0030)	ND(0.0034)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-58 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface										
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**540**	**810**	**84**	**200**	**3,400**	**18,000**	**2,300**	**330**	**120**	**57**	**48**
Hexavalent chromium	mg/Kg	2	40	--	--	**18**	**18**	**3.8**	**6.5**	**42**	**210**	**29**	**4.0**	**2.0**	**0.67**	**0.71**
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**48**	**42**	**23**	**18**	**69**	**250**	**32**	**75**	**43**	**32**	**31**
Percent Moisture	%	--	--	--	--	**14.2**	**9.6**	**13.1**	**15.9**	**17.5**	**33.7**	**18.7**	**41.6**	**35.6**	**32.6**	**37.6**
VOCs																
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0017)	ND(0.0016)	ND(0.0014)	ND(0.0019)	ND(0.0022)	ND(0.0025)	ND(0.0018)	ND(0.0027)	ND(0.0024)	ND(0.0023)	ND(0.0027)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0043)	ND(0.0039)	ND(0.0035)	ND(0.0048)	ND(0.0054)	ND(0.0064)	ND(0.0046)	ND(0.0067)	ND(0.0061)	ND(0.0059)	ND(0.0067)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0043)	ND(0.0039)	ND(0.0035)	ND(0.0048)	ND(0.0054)	ND(0.0064)	ND(0.0046)	ND(0.0067)	ND(0.0061)	ND(0.0059)	ND(0.0067)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0021)	ND(0.0020)	ND(0.0018)	ND(0.0024)	ND(0.0027)	ND(0.0032)	ND(0.0023)	ND(0.0034)	ND(0.0030)	ND(0.0029)	ND(0.0033)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0068)	ND(0.0063)	ND(0.0057)	**0.0099J**	**0.030**	**0.048**	**0.0092J**	ND(0.011)	ND(0.0097)	ND(0.0094)	ND(0.011)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0017)	ND(0.0016)	ND(0.0014)	ND(0.0019)	ND(0.0022)	ND(0.0025)	ND(0.0018)	ND(0.0027)	ND(0.0024)	ND(0.0023)	ND(0.0027)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0017)	ND(0.0016)	ND(0.0014)	ND(0.0019)	ND(0.0022)	ND(0.0025)	ND(0.0018)	ND(0.0027)	ND(0.0024)	ND(0.0023)	ND(0.0027)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.0028**	**0.0047**	**0.012**	**0.0050**	**0.0054**	**0.015**	**0.0038**	**0.380**	**0.430**	**0.19**	**0.082**
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0017)	ND(0.0016)	ND(0.0014)	ND(0.0019)	ND(0.0022)	ND(0.0025)	ND(0.0018)	ND(0.0027)	ND(0.0024)	ND(0.0023)	ND(0.0027)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0017)	ND(0.0016)	ND(0.0014)	ND(0.0019)	ND(0.0022)	ND(0.0025)	ND(0.0018)	ND(0.0027)	ND(0.0024)	ND(0.0023)	ND(0.0027)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0043)	ND(0.0039)	ND(0.0035)	ND(0.0048)	ND(0.0054)	ND(0.0064)	ND(0.0046)	ND(0.0067)	ND(0.0061)	ND(0.0059)	ND(0.0067)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0017)	ND(0.0016)	ND(0.0014)	ND(0.0019)	ND(0.0022)	ND(0.0025)	ND(0.0018)	ND(0.0027)	ND(0.0024)	ND(0.0023)	ND(0.0027)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00086)	ND(0.00078)	**0.0010J**	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0086)	ND(0.0078)	ND(0.0071)	ND(0.0096)	ND(0.011)	ND(0.013)	ND(0.0091)	ND(0.013)	ND(0.012)	ND(0.012)	ND(0.013)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
Toluene	mg/Kg	0.6	12	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	**0.0013J**	ND(0.0012)	ND(0.0012)	ND(0.0013)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00086)	ND(0.00078)	ND(0.00071)	ND(0.00096)	ND(0.0011)	ND(0.0013)	ND(0.00091)	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0013)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0017)	ND(0.0016)	ND(0.0014)	ND(0.0019)	ND(0.0022)	ND(0.0025)	ND(0.0018)	ND(0.0027)	ND(0.0024)	ND(0.0023)	ND(0.0027)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was preppped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-59 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface										
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**110**	**280**	**980**	**150**	**790**	**8,000**	**2,400**	**990**	**2,300**	**1,900**	**1,100**
Hexavalent chromium	mg/Kg	2	40	--	--	**1.6**	**6.9**	**16**	**3.3**	**4.7**	**70**	**18**	**14**	**39**	**27**	**17**
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**24**	**29**	**44**	**16**	**25**	**120**	**60**	**36**	**78**	**60**	**57**
Percent Moisture	%	--	--	--	--	**8.4**	**18.9**	**11.3**	**18.1**	**9.9**	**28.7**	**24.9**	**25.6**	**34.9**	**39.6**	**37.1**
VOCs																
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0017)	ND(0.0024)	ND(0.0014)	ND(0.0020)	ND(0.0014)	ND(0.0024)	ND(0.0025)	ND(0.0027)	ND(0.0024)	ND(0.0028)	ND(0.0028)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0043)	ND(0.0059)	ND(0.0034)	ND(0.0049)	ND(0.0034)	ND(0.0059)	ND(0.0063)	ND(0.0066)	ND(0.0060)	ND(0.0069)	ND(0.0069)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0043)	ND(0.0059)	ND(0.0034)	ND(0.0049)	ND(0.0034)	ND(0.0059)	ND(0.0063)	ND(0.0066)	ND(0.0060)	ND(0.0069)	ND(0.0069)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0021)	ND(0.0030)	ND(0.0017)	ND(0.0025)	ND(0.0017)	ND(0.0030)	ND(0.0031)	ND(0.0033)	ND(0.0030)	ND(0.0034)	ND(0.0034)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0068)	ND(0.0095)	ND(0.0055)	ND(0.0079)	**0.0080J**	**0.016J**	ND(0.010)	ND(0.011)	ND(0.0097)	ND(0.011)	ND(0.011)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	**0.0013J**	**0.0021J**	ND(0.0014)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0017)	ND(0.0024)	ND(0.0014)	ND(0.0020)	ND(0.0014)	ND(0.0024)	ND(0.0025)	ND(0.0027)	ND(0.0024)	**0.0033J**	ND(0.0028)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0017)	ND(0.0024)	ND(0.0014)	ND(0.0020)	ND(0.0014)	ND(0.0024)	ND(0.0025)	ND(0.0027)	ND(0.0024)	ND(0.0028)	ND(0.0028)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.0044**	**0.013**	**0.010**	**0.0084**	**0.0025**	**0.046**	**0.0033**	**0.085**	**0.360**	**0.540**	**0.240**
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	0.0014J	0.0022J	ND(0.0014)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0017)	ND(0.0024)	ND(0.0014)	ND(0.0020)	ND(0.0014)	ND(0.0024)	ND(0.0025)	ND(0.0027)	ND(0.0024)	ND(0.0028)	ND(0.0028)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0017)	ND(0.0024)	ND(0.0014)	ND(0.0020)	ND(0.0014)	ND(0.0024)	ND(0.0025)	ND(0.0027)	ND(0.0024)	ND(0.0028)	ND(0.0028)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0043)	ND(0.0059)	ND(0.0034)	ND(0.0049)	ND(0.0034)	ND(0.0059)	ND(0.0063)	ND(0.0066)	ND(0.0060)	ND(0.0069)	ND(0.0069)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0017)	ND(0.0024)	ND(0.0014)	ND(0.0020)	ND(0.0014)	ND(0.0024)	ND(0.0025)	ND(0.0027)	ND(0.0024)	ND(0.0028)	ND(0.0028)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0085)	ND(0.012)	ND(0.0069)	ND(0.0098)	ND(0.0068)	ND(0.012)	ND(0.013)	ND(0.013)	ND(0.012)	ND(0.014)	ND(0.014)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
Toluene	mg/Kg	0.6	12	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00085)F1	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00085)	ND(0.0012)	ND(0.00069)	ND(0.00098)	ND(0.00068)	ND(0.0012)	ND(0.0013)	ND(0.0013)	ND(0.0012)	ND(0.0014)	ND(0.0014)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0017)	ND(0.0024)	ND(0.0014)	ND(0.0020)	ND(0.0014)	ND(0.0024)	ND(0.0025)	ND(0.0027)	ND(0.0024)	ND(0.0028)	ND(0.0028)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was preppped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-60 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface												
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**170**	**690**	**2,000**	**870**	**560**	**900**	**1,300**	**1,300**	**820**	**1,500**	**410**	**1,000**	**1,100**
Hexavalent chromium	mg/Kg	2	40	--	--	**1.6**	**9.1**	**28**	**13**	**9.2**	**17**	**5.1**	**10**	**4.7**	**5.6**	**1.0**	**4.6**	**4.6**
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**26**	**38**	**59**	**34**	**27**	**55**	**53**	**53**	**35**	**38**	**24**	**40**	**42**
Percent Moisture	%	--	--	--	--	**11.1**	**9.5**	**12.5**	**15**	**12.5**	**15.9**	**14.1**	**11.7**	**11**	**10.3**	**12.4**	**17.1**	**29**
VOCs																		
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0019)	ND(0.0022)	ND(0.0021)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0020)	ND(0.0021)	ND(0.0026)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0048)	ND(0.0056)	ND(0.0051)	ND(0.0048)	ND(0.0047)	ND(0.0050)	ND(0.0053)	ND(0.0044)	ND(0.0048)	ND(0.0045)	ND(0.0050)	ND(0.0052)	ND(0.0065)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0048)	ND(0.0056)	ND(0.0051)	ND(0.0048)	ND(0.0047)	ND(0.0050)	ND(0.0053)	ND(0.0044)	ND(0.0048)	ND(0.0045)	ND(0.0050)	ND(0.0052)	ND(0.0065)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0024)	ND(0.0028)	ND(0.0026)	ND(0.0024)	ND(0.0023)	ND(0.0025)	ND(0.0026)	ND(0.0022)	ND(0.0024)	ND(0.0023)	ND(0.0025)	ND(0.0026)	ND(0.0032)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0077)	ND(0.0090)	ND(0.0082)	ND(0.0077)	ND(0.0075)	**0.026**	**0.015J**	**0.0094J**	**0.014J**	ND(0.0072)	ND(0.0080)	ND(0.0084)	ND(0.010)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0019)	ND(0.0022)	ND(0.0021)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0020)	ND(0.0021)	ND(0.0026)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0019)	ND(0.0022)	ND(0.0021)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0020)	ND(0.0021)	ND(0.0026)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.0031**	**0.0013J**	**0.0024**	**0.012**	**0.0029**	**0.0029**	**0.0025**	**0.0012J**	**0.0045**	**0.0055**	**0.0089**	**0.060**	**0.040**
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0019)	ND(0.0022)	ND(0.0021)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0020)	ND(0.0021)	ND(0.0026)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0019)	ND(0.0022)	ND(0.0021)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0020)	ND(0.0021)	ND(0.0026)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0048)	ND(0.0056)	ND(0.0051)	ND(0.0048)	ND(0.0047)	ND(0.0050)	ND(0.0053)	ND(0.0044)	ND(0.0048)	ND(0.0045)	ND(0.0050)	ND(0.0052)	ND(0.0065)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0019)	ND(0.0022)	**0.0021J**	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0020)	ND(0.0021)	ND(0.0026)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0097)	ND(0.011)	ND(0.010)	ND(0.0096)	ND(0.0094)	ND(0.010)	ND(0.011)	ND(0.0088)	ND(0.0096)	ND(0.0090)	ND(0.0099)	ND(0.010)	ND(0.013)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
Toluene	mg/Kg	0.6	12	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00097)	ND(0.0011)	ND(0.0010)	ND(0.00096)	ND(0.00094)	ND(0.0010)	ND(0.0011)	ND(0.00088)	ND(0.00096)	ND(0.00090)	ND(0.00099)	ND(0.0010)	ND(0.0013)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0019)	ND(0.0022)	ND(0.0021)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0020)	ND(0.0021)	ND(0.0026)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-61 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface									
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	2.5'	5'	7.5'	10'	12.5'	15'	20'	22.5'	25'	27.5'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**74**	**620**	**790**	**570**	**130**	**530**	**250**	**380**	**420**	**380**
Hexavalent chromium	mg/Kg	2	40	--	--	**0.65**	**20**	**33**	**25**	**10**	**35**	**9.7**	**23**	**34**	**60**
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**23**	**49**	**63**	**62**	**32**	**56**	**49**	**62**	**67**	**98**
Percent Moisture	%	--	--	--	--	**14.1**	**13.1**	**11.2**	**14.8**	**7.3**	**5.7**	**7.3**	**10**	**10.8**	**14.3**
VOCs															
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0014)	ND(0.0018)	ND(0.0024)	ND(0.0023)	ND(0.0018)	ND(0.0019)	ND(0.0017)	ND(0.0019)	ND(0.0024)	ND(0.0020)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0036)	ND(0.0044)	ND(0.0060)	ND(0.0059)	ND(0.0045)	ND(0.0048)	**0.013**	ND(0.0047)	ND(0.0060)	ND(0.0051)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0036)	ND(0.0044)	ND(0.0060)	ND(0.0059)	ND(0.0045)	ND(0.0048)	ND(0.0044)	ND(0.0047)	ND(0.0060)	ND(0.0051)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0018)	ND(0.0022)	ND(0.0030)	ND(0.0029)	ND(0.0022)	ND(0.0024)	**0.0028J**	ND(0.0023)	ND(0.0030)	ND(0.0025)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0058)	ND(0.0071)	ND(0.0096)	**0.011J**	**0.014J**	**0.050**	**0.100**	**0.034**	**0.024**	**0.017J**
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0014)	ND(0.0018)	ND(0.0024)	ND(0.0023)	ND(0.0018)	ND(0.0019)	ND(0.0017)	ND(0.0019)	ND(0.0024)	ND(0.0020)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0014)	ND(0.0018)	ND(0.0024)	ND(0.0023)	ND(0.0018)	ND(0.0019)	ND(0.0017)	ND(0.0019)	ND(0.0024)	ND(0.0020)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.013**	ND(0.00089)	**0.0085**	**0.0046**	**0.0051**	**0.0056**	**0.0016J**	**0.0030**	**0.0033**	**0.0081**
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0014)	ND(0.0018)	ND(0.0024)	ND(0.0023)	ND(0.0018)	ND(0.0019)	ND(0.0017)	ND(0.0019)	ND(0.0024)	ND(0.0020)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0014)	ND(0.0018)	ND(0.0024)	ND(0.0023)	ND(0.0018)	ND(0.0019)	ND(0.0017)	ND(0.0019)	ND(0.0024)	ND(0.0020)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0036)	ND(0.0044)	ND(0.0060)	ND(0.0059)	ND(0.0045)	ND(0.0048)	ND(0.0044)	ND(0.0047)	ND(0.0060)	ND(0.0051)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0014)	ND(0.0018)	ND(0.0024)	ND(0.0023)	ND(0.0018)	ND(0.0019)	ND(0.0017)	ND(0.0019)	ND(0.0024)	ND(0.0020)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0072)	ND(0.0089)	ND(0.012)	ND(0.012)	ND(0.0090)	ND(0.0095)	**0.0092J ID**	ND(0.0094)	ND(0.012)	ND(0.010)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
Toluene	mg/Kg	0.6	12	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00072)	ND(0.00089)	ND(0.0012)	ND(0.0012)	ND(0.00090)	ND(0.00095)	ND(0.00087)	ND(0.00094)	ND(0.0012)	ND(0.0010)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0014)	ND(0.0018)	ND(0.0024)	ND(0.0023)	ND(0.0018)	ND(0.0019)	ND(0.0017)	ND(0.0019)	ND(0.0024)	ND(0.0020)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-62 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface												
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**11**	**16**	**240**	**37**	**27**	**1,700**	**3,300**	**2,600**	**25,000**	**3,700**	**3,600**	**640**	**400**
Hexavalent chromium	mg/Kg	2	40	--	--	**0.21J**	**0.50**	**1.3**	**0.59**	**0.60**	**6.8**	**9.4**	**7.3**	**170**	**25**	**25**	**4.9**	**2.8**
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**16**	**21**	**59**	**23**	**16**	**21**	**27**	**21**	**200**	**60**	**78**	**38**	**44**
Percent Moisture	%	--	--	--	--	**7.9**	**22.4**	**8.9**	**21.1**	**7.9**	**6.9**	**6.5**	**9.7**	**32.3**	**27.8**	**37.8**	**35**	**36.8**
VOCs																		
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0018)	ND(0.0019)	ND(0.0029)	ND(0.0022)	ND(0.0030)	ND(0.0026)	ND(0.0030)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0033)	ND(0.0041)	ND(0.0028)	ND(0.0049)	ND(0.0049)	ND(0.0051)	ND(0.0045)	ND(0.0048)	**0.013J**	ND(0.0056)	ND(0.0075)	ND(0.0065)	ND(0.0074)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0033)	ND(0.0041)	ND(0.0028)	ND(0.0049)	ND(0.0049)	ND(0.0051)	ND(0.0045)	ND(0.0048)	ND(0.0073)	ND(0.0056)	ND(0.0075)	ND(0.0065)	ND(0.0074)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0017)	ND(0.0020)	ND(0.0014)	ND(0.0024)	ND(0.0024)	ND(0.0026)	ND(0.0023)	ND(0.0024)	ND(0.0036)	ND(0.0028)	ND(0.0038)	ND(0.0032)	ND(0.0037)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0053)	ND(0.0065)	ND(0.0045)	ND(0.0078)	ND(0.0078)	ND(0.0082)	**0.0081J**	**0.0094J**	**0.047**	ND(0.0089)	ND(0.012)	ND(0.010)	ND(0.012)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	**0.0015J**	ND(0.0013)	ND(0.0015)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0018)	ND(0.0019)	ND(0.0029)	**0.0026J**	ND(0.0030)	ND(0.0026)	ND(0.0030)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0018)	ND(0.0019)	ND(0.0029)	ND(0.0022)	ND(0.0030)	ND(0.0026)	ND(0.0030)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.00066)	**0.0018**	**0.0081**	**0.019**	**0.012**	**0.013**	**0.0080**	**0.0042**	**0.024**	**0.310**	**0.590**	**0.280**	**0.23**
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	0.0017J	ND(0.0013)	ND(0.0015)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0018)	ND(0.0019)	ND(0.0029)	ND(0.0022)	ND(0.0030)	ND(0.0026)	ND(0.0030)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0018)	ND(0.0019)	ND(0.0029)	ND(0.0022)	ND(0.0030)	ND(0.0026)	ND(0.0030)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0033)	ND(0.0041)	ND(0.0028)	ND(0.0049)	ND(0.0049)	ND(0.0051)	ND(0.0045)	ND(0.0048)	ND(0.0073)	ND(0.0056)	ND(0.0075)	ND(0.0065)	ND(0.0074)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0018)	ND(0.0019)	ND(0.0029)	ND(0.0022)	ND(0.0030)	ND(0.0026)	ND(0.0030)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0066)	ND(0.0081)	ND(0.0056)	ND(0.0097)	ND(0.0097)	ND(0.010)	ND(0.0091)	ND(0.0095)	ND(0.015)	ND(0.011)	ND(0.015)	ND(0.013)	ND(0.015)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
Toluene	mg/Kg	0.6	12	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	**0.0011J**	ND(0.0015)	ND(0.0013)	ND(0.0015)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00066)	ND(0.00081)	ND(0.00056)	ND(0.00097)	ND(0.00097)	ND(0.0010)	ND(0.00091)	ND(0.00095)	ND(0.0015)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0015)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0019)	ND(0.0019)	ND(0.0020)	ND(0.0018)	ND(0.0019)	ND(0.0029)	ND(0.0022)	ND(0.0030)	ND(0.0026)	ND(0.0030)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was preepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-63 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																			
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	40'	50'	60'	70'	72.5'	80'	90'	100'	110'	120'	130'	140'	150'	160'	170'	180'	190'	200'	210'	220'	230'	240'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**39**	**29**	**14**	**18F2**	**3.2**	**400**	**1100**	**540**	**430**	**3**	**0.061J**	**0.053J**	**0.018J**	**0.038J**	**0.025J**	**0.067F1**	**0.093**	**0.016J**	ND(0.013)	**0.034J**	**0.11**	ND(0.012)
Hexavalent chromium	mg/Kg	2	40	--	--	**0.34J**	**1.2**	**0.70**	**0.46**	**0.55**	**4.3**	**32**	**13**	**12**	ND(0.24)	ND(0.27)	ND(0.25)	ND(0.26)	ND(0.23)	ND(0.24)	ND(0.23)	**0.44J**	ND(0.21)	ND(0.20)	ND(0.20)	ND(0.17)	ND(0.19)
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**25**	**36**	**29**	**16**	**11**	**51**	**91**	**41**	**34**	**29**	**28**	**50**	**110**	**23**	**30**	**24**	**45**	**27**	**30**	**27**	**33**	**28**
Percent Moisture	%	--	--	--	--	**29.6**	**36.4**	**31.7**	**25.6**	**9.7**	**32.5**	**40.1**	**35.6**	**37**	**37.7**	**43.7**	**38.9**	**42.0**	**35.7**	**36.2**	**32.8**	**39**	**29.5**	**24.5**	**24.8**	**12.7**	**20.0**
VOCs																											
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0018)	ND(0.0027)	ND(0.0022)	ND(0.0011)	ND(0.0022)	ND(0.0011)	ND(0.0013)	ND(0.0031)	ND(0.0026)	ND(0.0023)H	ND(0.0035)	ND(0.0026)	ND(0.0033)	ND(0.0029)	ND(0.0029)	ND(0.0026)	ND(0.0028)	ND(0.0024)	ND(0.0022)	ND(0.0022)	ND(0.0019)	ND(0.0018)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0045)	ND(0.0069)	ND(0.0056)	ND(0.0028)	ND(0.0054)	ND(0.0028)	ND(0.0034)	ND(0.0077)	ND(0.0065)	ND(0.0058)H	ND(0.0087)	ND(0.0065)	ND(0.0081)	ND(0.0072)	ND(0.0073)	ND(0.0064)	ND(0.0071)	ND(0.0059)	ND(0.0055)	ND(0.0056)	ND(0.0048)	ND(0.0045)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0045)	ND(0.0069)	ND(0.0056)	ND(0.0028)	ND(0.0054)	ND(0.0028)	ND(0.0034)	ND(0.0077)	ND(0.0065)	ND(0.0058)H	ND(0.0087)	ND(0.0065)	ND(0.0081)	ND(0.0072)	ND(0.0073)	ND(0.0064)	ND(0.0071)	ND(0.0059)	ND(0.0055)	ND(0.0056)	ND(0.0048)	ND(0.0045)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0023)	ND(0.0034)	**0.019**	ND(0.0014)	ND(0.0027)	ND(0.0014)	ND(0.0017)	ND(0.0039)	ND(0.0032)	ND(0.0029)H	ND(0.0044)	ND(0.0033)	ND(0.0041)	ND(0.0036)	ND(0.0037)	ND(0.0032)	ND(0.0035)	ND(0.0030)	ND(0.0028)	ND(0.0028)	ND(0.0024)	ND(0.0023)
Acetone	mg/Kg	0.8	16	--	--	**0.019**	ND(0.011)	**0.012J**	**0.048**	ND(0.0087)	**0.083**	**0.0085J**	ND(0.012)	ND(0.010)	**0.011J H**	ND(0.014)	ND(0.010)	ND(0.013)	ND(0.012)	ND(0.012)	ND(0.010)F1	ND(0.011)	ND(0.0095)	ND(0.0089)	ND(0.0090)	ND(0.0076)	ND(0.0073)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	**0.00092J**	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0018)	ND(0.0027)	ND(0.0022)	ND(0.0011)	ND(0.0022)	ND(0.0011)	ND(0.0013)	ND(0.0031)	ND(0.0026)	ND(0.0023)H	ND(0.0035)	ND(0.0026)	ND(0.0033)	ND(0.0029)	ND(0.0029)	ND(0.0026)	ND(0.0028)	ND(0.0024)	ND(0.0022)	ND(0.0022)	ND(0.0019)	ND(0.0018)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	**0.0010J**	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0018)	ND(0.0027)	ND(0.0022)	ND(0.0011)	ND(0.0022)	ND(0.0011)	ND(0.0013)	ND(0.0031)	ND(0.0026)	ND(0.0023)H	ND(0.0035)	ND(0.0026)	ND(0.0033)	ND(0.0029)	ND(0.0029)	ND(0.0026)	ND(0.0028)	ND(0.0024)	ND(0.0022)	ND(0.0022)	ND(0.0019)	ND(0.0018)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.048**	**0.030**	**0.019**	**0.013**	**0.0058**	**0.180**	**1.400**	**0.410**	**0.190**	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0018)	ND(0.0027)	ND(0.0022)	ND(0.0011)	ND(0.0022)	ND(0.0011)	ND(0.0013)	ND(0.0031)	ND(0.0026)	ND(0.0023)H	ND(0.0035)	ND(0.0026)	ND(0.0033)	ND(0.0029)	ND(0.0029)	ND(0.0026)	ND(0.0028)	ND(0.0024)	ND(0.0022)	ND(0.0022)	ND(0.0019)	ND(0.0018)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0018)	ND(0.0027)	**0.0029J**	ND(0.0011)	ND(0.0022)	ND(0.0011)	ND(0.0013)	ND(0.0031)	ND(0.0026)	ND(0.0023)H	ND(0.0035)	ND(0.0026)	ND(0.0033)	ND(0.0029)	ND(0.0029)	ND(0.0026)	ND(0.0028)	ND(0.0024)	ND(0.0022)	ND(0.0022)	ND(0.0019)	ND(0.0018)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0045)	ND(0.0069)	ND(0.0056)	ND(0.0028)	ND(0.0054)	ND(0.0028)	ND(0.0034)	ND(0.0077)	ND(0.0065)	ND(0.0058)H	ND(0.0087)	ND(0.0065)	ND(0.0081)	ND(0.0072)	ND(0.0073)	ND(0.0064)	ND(0.0071)	ND(0.0059)	ND(0.0055)	ND(0.0056)	ND(0.0048)	ND(0.0045)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0018)	ND(0.0027)	ND(0.0022)	ND(0.0011)	ND(0.0022)	ND(0.0011)	ND(0.0013)	ND(0.0031)	ND(0.0026)	ND(0.0023)H	ND(0.0035)	ND(0.0026)	ND(0.0033)	ND(0.0029)	ND(0.0029)	ND(0.0026)	ND(0.0028)	ND(0.0024)	ND(0.0022)	ND(0.0022)	ND(0.0019)	ND(0.0018)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
o-Xylene	mg/Kg	9	180	--	--	ND(0.00091)	ND(0.0014)	**0.0020J**	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
Styrene	mg/Kg	0.2	4	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0091)	ND(0.014)	ND(0.011)	**0.015J**	ND(0.011)	**0.018J**	ND(0.0067)	ND(0.015)	ND(0.013)	ND(0.012)H	ND(0.017)	ND(0.013)	ND(0.016)	ND(0.014)	ND(0.015)	ND(0.013)	ND(0.014)	ND(0.012)	ND(0.011)	ND(0.011)	ND(0.0095)	ND(0.0091)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
Toluene	mg/Kg	0.6	12	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND(0.0012)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.00091)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00091)	ND(0.0014)	ND(0.0011)	ND(0.00056)	ND(0.0011)	ND(0.00056)	ND(0.00067)	ND(0.0015)	ND(0.0013)	ND(0.0012)H	ND(0.0017)	ND(0.0013)	ND(0.0016)	ND(0.0014)	ND(0.0015)	ND(0.0013)	ND(0.0014)	ND

Borehole U4U5-64 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface											
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	30'	40'	50'	60'	70'	80'	90'	100'	110'	120'	130'	140'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**910**	**80**	**330**	**16**	**18**	**820**	**3100**	**3300**	**22**	**0.14**	**0.078**	**0.016J**
Hexavalent chromium	mg/Kg	2	40	--	--	**6.5**	**0.56**	**1.6**	**0.26J**	**0.57**	**22**	**38**	**13**	**ND(0.23)**	ND(0.24)	ND(0.27)	ND(0.25)
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**47**	**29**	**11**	**34**	**25**	**42**	**91**	**32**	**29**	**35**	**27**	**41**
Percent Moisture	%	--	--	--	--	**37.0**	**34.1**	**16.5**	**34.2**	**37.7**	**27.0**	**42.6**	**34.2**	**34.1**	**37.7**	**44.5**	**40.3**
VOCs																	
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0027)	ND(0.0023)	ND(0.0017)	ND(0.0027)	ND(0.0028)	ND(0.0023)	ND(0.0035)	ND(0.0027)	ND(0.0023)	ND(0.0030)	ND(0.0030)	ND(0.0029)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0068)	ND(0.0058)	**0.0084J**	ND(0.0067)	ND(0.0069)	ND(0.0056)	ND(0.0088)	ND(0.0068)	ND(0.0058)	ND(0.0075)	ND(0.0076)	ND(0.0073)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0068)	ND(0.0058)	ND(0.0043)	ND(0.0067)	ND(0.0069)	ND(0.0056)	ND(0.0088)	ND(0.0068)	ND(0.0058)	ND(0.0075)	ND(0.0076)	ND(0.0073)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0034)	ND(0.0029)	ND(0.0022)	ND(0.0034)	ND(0.0035)	ND(0.0028)	ND(0.0044)	ND(0.0034)	ND(0.0029)	ND(0.0038)	ND(0.0038)	ND(0.0036)
Acetone	mg/Kg	0.8	16	--	--	**0.021J**	**0.13**	**0.26**	**0.018J**	**0.41**	**0.11**	ND(0.014)	ND(0.011)	ND(0.0092)	ND(0.012)	ND(0.012)	ND(0.012)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	**0.0017J**	**0.0038**	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0027)	ND(0.0023)	ND(0.0017)	ND(0.0027)	ND(0.0028)	ND(0.0023)	ND(0.0035)	ND(0.0027)	ND(0.0023)	ND(0.0030)	ND(0.0030)	ND(0.0029)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	0.0012J	0.0018J	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Chlorate	mg/Kg	--	--	--	--	**1800**	**150**	**250**	**26**	**31**	**2400**	**6500**	**4600**	**49**	**0.41**	NA	NA
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0027)	ND(0.0023)	ND(0.0017)	ND(0.0027)	ND(0.0028)	ND(0.0023)	ND(0.0035)	ND(0.0027)	ND(0.0023)	ND(0.0030)	ND(0.0030)	ND(0.0029)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.30**	**0.017**	**0.024**	**0.020**	**0.0083**	**1.9**	**2.100**	**0.73**	**0.0024**	ND(0.0015)	ND(0.0015)	ND(0.0015)
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0027)*	ND(0.0023)*	ND(0.0017)*	ND(0.0027)	ND(0.0028)	ND(0.0023)	ND(0.0035)	ND(0.0027)	ND(0.0023)	ND(0.0030)	ND(0.0030)	ND(0.0029)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0014)	ND(0.0012)	**0.0013J**	ND(0.0013)	**0.0021J**	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0027)	ND(0.0023)	ND(0.0017)	ND(0.0027)	ND(0.0028)	ND(0.0023)	ND(0.0035)	ND(0.0027)	ND(0.0023)	ND(0.0030)	ND(0.0030)	ND(0.0029)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0068)	ND(0.0058)	ND(0.0043)	ND(0.0067)	ND(0.0069)	ND(0.0056)	ND(0.0088)	ND(0.0068)	ND(0.0058)	ND(0.0075)	ND(0.0076)	ND(0.0073)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0027)	ND(0.0023)	ND(0.0017)	ND(0.0027)	ND(0.0028)	ND(0.0023)	ND(0.0035)	ND(0.0027)	ND(0.0023)	ND(0.0030)	ND(0.0030)	ND(0.0029)
Nitrate as N	mg/Kg	--	--	--	--	**6.0**	**1.4J**	**2.2**	**1.3J**	ND(1.3)	**6.8**	**20**	**13**	ND(1.2)	ND(1.3)	NA	NA
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
o-Xylene	mg/Kg	9	180	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Styrene	mg/Kg	0.2	4	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Sulfate	mg/Kg	--	--	--	--	**920**	**410**	**430**	**330**	**570**	**490**	**680**	**200**	**71**	**66**	NA	NA
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.014)	**0.034J**	**0.087**	ND(0.013)	**0.120J**	**0.013J ID**	**0.022J ID**	ND(0.014)	ND(0.012)	ND(0.015)	ND(0.015)	ND(0.015)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Toluene	mg/Kg	0.6	12	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Trichloroethene	mg/Kg	0.003	0.06	--	--	**0.0017J**	**0.0017J**	**0.0013J**	**0.0013J**	**0.0017J**	ND(0.0011)	**0.0020J**	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0014)	ND(0.0012)	ND(0.00086)	ND(0.0013)	ND(0.0014)	ND(0.0011)	ND(0.0018)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0027)	ND(0.0023)	ND(0.0017)	ND(0.0027)	ND(0.0028)	ND(0.0023)	ND(0.0035)	ND(0.0027)	ND(0.0023)	ND(0.0030)	ND(0.0030)	ND(0.0029)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-65 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface													
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	25'	30'	40'	50'	60'	66'	70'	80'	90'	100'	110'	120'	130'	140'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**770**	**1500**	**33**	**19**	**1.6**	**0.44**	**17**	**380**	**540**	**170**	**14**	**0.11**	ND(0.016)	ND(0.015)
Hexavalent chromium	mg/Kg	2	40	--	--	**42**	**48**	**0.60**	**0.28J**	0.54	0.67	1.4	**29**	**62**	**7.4**	1.1	ND(0.24)	ND(0.25)	ND(0.24)F1
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**77**	**89**	56	41	48	19	34	66	**170F1**	31	68	66	33	39
Percent Moisture	%	--	--	--	--	**15.1**	**37.3**	**38.2**	**35.5**	**32.7**	**11.0**	**27.8**	**32.9**	**39.7**	**30.6**	**34.3**	**38.0**	**40.5**	**36.6**
VOCs																			
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0021)	ND(0.0027)	ND(0.0025)	ND(0.0022)	ND(0.0025)	ND(0.0019)	ND(0.0021)	ND(0.0024)	ND(0.0028)	ND(0.0025)	ND(0.0033)	ND(0.0028)	ND(0.0033)	ND(0.0028)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0053)	ND(0.0069)	ND(0.0064)	ND(0.0054)	ND(0.0061)	ND(0.0048)	ND(0.0053)	ND(0.0059)	ND(0.0071)	ND(0.0061)	ND(0.0082)	ND(0.0071)	ND(0.0083)	ND(0.007)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0053)	ND(0.0069)	ND(0.0064)	ND(0.0054)	ND(0.0061)	ND(0.0048)	ND(0.0053)	ND(0.0059)	ND(0.0071)	ND(0.0061)	ND(0.0082)	ND(0.0071)	ND(0.0083)	ND(0.007)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0027)	ND(0.0034)	ND(0.0032)	ND(0.0027)	ND(0.0031)	ND(0.0024)	ND(0.0026)	ND(0.0029)	ND(0.0036)	ND(0.0031)	ND(0.0041)	ND(0.0036)	ND(0.0042)	ND(0.0035)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0085)	ND(0.011)	ND(0.010)	ND(0.0087)	ND(0.0098)	ND(0.0077)	ND(0.0085)	ND(0.0094)	ND(0.011)	ND(0.0098)	**0.043**	ND(0.011)	ND(0.013)	ND(0.011)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	**0.0020J**	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0021)	**0.0054J**	ND(0.0025)	ND(0.0022)	ND(0.0025)	ND(0.0019)	ND(0.0021)	ND(0.0024)	ND(0.0028)	ND(0.0025)	ND(0.0033)	ND(0.0028)	ND(0.0033)	ND(0.0028)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	**0.0023J**	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
Chlorate	mg/Kg	--	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.130J**	**0.240J**
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0021)	ND(0.0027)	ND(0.0025)	ND(0.0022)	ND(0.0025)	ND(0.0019)	ND(0.0021)	ND(0.0024)	ND(0.0028)	ND(0.0025)	ND(0.0033)	ND(0.0028)	ND(0.0033)	ND(0.0028)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.005**	**0.720**	**0.0093**	**0.0056**	**0.003**	ND(0.00096)	**0.110**	**2.200**	**5.200**	**0.200**	**0.028**	ND(0.0014)	ND(0.0017)	ND(0.0014)
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0011)	**0.0018J**	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0021)	ND(0.0027)	ND(0.0025)	ND(0.0022)	ND(0.0025)	ND(0.0019)	ND(0.0021)	ND(0.0024)	ND(0.0028)	ND(0.0025)	ND(0.0033)	ND(0.0028)	ND(0.0033)	ND(0.0028)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0021)	ND(0.0027)	ND(0.0025)	ND(0.0022)	ND(0.0025)	ND(0.0019)	ND(0.0021)	ND(0.0024)	ND(0.0028)	ND(0.0025)	ND(0.0033)	ND(0.0028)	ND(0.0033)	ND(0.0028)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0053)	ND(0.0069)	ND(0.0064)	ND(0.0054)	ND(0.0061)	ND(0.0048)	ND(0.0053)	ND(0.0059)	ND(0.0071)	ND(0.0061)	ND(0.0082)	ND(0.0071)	ND(0.0083)	ND(0.007)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0021)	ND(0.0027)	ND(0.0025)	ND(0.0022)	ND(0.0025)	ND(0.0019)	ND(0.0021)	ND(0.0024)	ND(0.0028)	ND(0.0025)	ND(0.0033)	ND(0.0028)	ND(0.0033)	ND(0.0028)
Nitrate as N	mg/Kg	--	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(1.3)	ND(1.3)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
o-Xylene	mg/Kg	9	180	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
Styrene	mg/Kg	0.2	4	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
Sulfate	mg/Kg	--	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**80**	**67F1**
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.011)	ND(0.014)	ND(0.013)	ND(0.011)	ND(0.012)	ND(0.0096)	ND(0.011)	ND(0.012)	ND(0.014)	ND(0.012)	0.034J ID	ND(0.014)	ND(0.017)	ND(0.014)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	**0.0015J**	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
Toluene	mg/Kg	0.6	12	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	**0.0018J**	ND(0.0014)	ND(0.0017)	ND(0.0014)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	**0.0012J**	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0011)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0012)	ND(0.00096)	ND(0.0011)	ND(0.0012)	ND(0.0014)	ND(0.0012)	ND(0.0016)	ND(0.0014)	ND(0.0017)	ND(0.0014)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0021)	ND(0.0027)	ND(0.0025)	ND(0.0022)	ND(0.0025)	ND(0.0019)	ND(0.0021)	ND(0.0024)	ND(0.0028)	ND(0.0025)	ND(0.0033)	ND(0.0028)	ND(0.0033)	ND(0.0028)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-66 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface													
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	30'	40'	50'	62.5'	70'	75'	80'	90'	100'	105'	110'	120'	130'	140'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**4,500**	**16**	**0.45**	**140**	**1.4**	**3.6**	**410**	**49**	**8.2**	**16**	**7.1**	**0.48**	**0.078**	**0.27**
Hexavalent chromium	mg/Kg	2	40	--	--	**9.0**	ND(0.22)	ND(0.21)	0.37J	0.29J	ND(0.17)	0.63	ND(0.24)	ND(0.23)	ND(0.19)	ND(0.23)	ND(0.25)	ND(0.25)	ND(0.23)
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**45**	**32**	**33**	**33**	**27**	**17**	**25**	**34**	**22**	**20**	**46**	**28**	**42**	**44**
Percent Moisture	%	--	--	--	--	**29.7**	**31.6**	**30.0**	**30.1**	**33.9**	**12.6**	**37.5**	**36.1**	**33.2**	**22.9**	**35.3**	**39**	**39.1**	**35.5**
VOCs																			
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	**0.0014J**	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0026)	ND(0.0025)	ND(0.0024)	ND(0.0024)	ND(0.0025)	ND(0.0020)	ND(0.0026)	ND(0.0028)	ND(0.0028)	ND(0.0024)	ND(0.0027)	ND(0.0032)	ND(0.0030)	ND(0.0027)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0066)	ND(0.0062)	ND(0.0060)	ND(0.0059)	ND(0.0062)	ND(0.0049)	ND(0.0066)	ND(0.0069)	ND(0.0071)	ND(0.0061)	ND(0.0068)	ND(0.008)	ND(0.0075)	ND(0.0067)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0066)	ND(0.0062)	ND(0.0060)	ND(0.0059)	ND(0.0062)	ND(0.0049)	ND(0.0066)	ND(0.0069)	ND(0.0071)	ND(0.0061)	ND(0.0068)	ND(0.008)	ND(0.0075)	ND(0.0067)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0033)	ND(0.0031)	ND(0.003)	ND(0.003)	ND(0.0031)	ND(0.0024)	ND(0.0033)	ND(0.0034)	ND(0.0036)	ND(0.0030)	ND(0.0034)	ND(0.004)	ND(0.0038)	ND(0.0034)
Acetone	mg/Kg	0.8	16	--	--	ND(0.011)	ND(0.0099)	ND(0.0096)	**0.180**	**0.250**	ND(0.0078)	**0.230**	ND(0.011)	**0.041**	ND(0.0097)	**0.340**	**0.220**	ND(0.012)	**0.021J**
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0026)	ND(0.0025)	ND(0.0024)	ND(0.0024)*	ND(0.0025)*	ND(0.0020)*	ND(0.0026)*	ND(0.0028)	ND(0.0028)	ND(0.0024)*	ND(0.0027)*	ND(0.0032)*	ND(0.0030)	ND(0.0027)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0026)	ND(0.0025)	ND(0.0024)	ND(0.0024)	ND(0.0025)	ND(0.0020)	ND(0.0026)	ND(0.0028)	ND(0.0028)	ND(0.0024)	ND(0.0027)	ND(0.0032)	ND(0.0030)	ND(0.0027)
Chloroform	mg/Kg	0.03	0.6	--	--	**0.012**	**0.0046**	**0.0015J**	**0.0039**	**0.0038**	ND(0.00098)	**0.150**	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0026)	ND(0.0025)	ND(0.0024)	ND(0.0024)	ND(0.0025)	ND(0.0020)	ND(0.0026)	ND(0.0028)	ND(0.0028)	ND(0.0024)	ND(0.0027)	ND(0.0032)	ND(0.0030)	ND(0.0027)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	**0.0014J**	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0026)	ND(0.0025)	ND(0.0024)	ND(0.0024)	ND(0.0025)	ND(0.0020)	ND(0.0026)	ND(0.0028)	ND(0.0028)	ND(0.0024)	ND(0.0027)	ND(0.0032)	ND(0.0030)	ND(0.0027)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0066)	ND(0.0062)	ND(0.0060)	ND(0.0059)	ND(0.0062)	ND(0.0049)	ND(0.0066)	ND(0.0069)	ND(0.0071)	ND(0.0061)	ND(0.0068)	ND(0.008)	ND(0.0075)	ND(0.0067)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	0.0018J	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0026)	ND(0.0025)	ND(0.0024)	ND(0.0024)	ND(0.0025)	ND(0.0020)	ND(0.0026)	ND(0.0028)	ND(0.0028)	ND(0.0024)	ND(0.0027)	ND(0.0032)	ND(0.0030)	ND(0.0027)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
o-Xylene	mg/Kg	9	180	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
Styrene	mg/Kg	0.2	4	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	**0.062J**	ND(0.012)	ND(0.012)	**0.062J**	**0.065J**	**0.032J ID**	**0.069J**	ND(0.014)	ND(0.014)	ND(0.012)	**0.110J**	**0.064J**	ND(0.015)	**0.019J ID**
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
Toluene	mg/Kg	0.6	12	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	**0.0018J**	**0.0025**	**0.0017J**	**0.0019J**	ND(0.0014)	ND(0.0014)	ND(0.0012)	**0.0024J**	**0.0025J**	ND(0.0015)	ND(0.0013)
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0013)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.00098)	ND(0.0013)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0016)	ND(0.0015)	ND(0.0013)
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0026)	ND(0.0025)	ND(0.0024)	ND(0.0024)	ND(0.0025)	ND(0.0020)	ND(0.0026)	ND(0.0028)	ND(0.0028)	ND(0.0024)	ND(0.0027)	ND(0.0032)	ND(0.0030)	ND(0.0027)

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-67 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																			
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'	40'	48'	50'	60'	70'	80'	90'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**3.1**	**5.5**	**1.1**	**0.56**	**0.059**	**1.4**	**1.4**	**1.4**	**1.5**	**1.2**	**1.8**	**2.1**	**1.6**	**17**	**11**	**150**	**470**						
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.17)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.22)	ND(0.19)	ND(0.23)	**0.40J**						
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**25**	**19**	**19**	**15**	**24**	**19**	**16**	**20**	**20**	**18**	**16**	**16**	**16**	**34**	**21**	**28**	**35**						
Percent Moisture	%	--	--	--	--	**6.7**	**6.7**	**8.5**	**4.4**	**10.9**	**7.4**	**7.4**	**7.9**	**8.5**	**8.1**	**7.8**	**8.2**	**7.6**	**31.3**	**19.9**	**35.5**	**37.9**	**18.1**	**32.4**	**31.6**	**33.4**	**33.8**	**38.1**
VOCs																												
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0021)	ND(0.0021)	ND(0.0022)	ND(0.0021)	ND(0.0022)	ND(0.0021)	ND(0.0025)	ND(0.0044)	ND(0.0036)	ND(0.0024)	ND(0.0025)	ND(0.0020)	ND(0.0020)	ND(0.0043)	ND(0.0035)	ND(0.0033)	ND(0.0044)	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0053)	ND(0.0054)	ND(0.0055)	ND(0.0051)	ND(0.0056)	ND(0.0053)	ND(0.0064)	ND(0.011)	ND(0.0091)	ND(0.0059)	ND(0.0061)	ND(0.0051)	ND(0.0051)	ND(0.011)	ND(0.0088)	ND(0.0082)	ND(0.011)	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0053)	ND(0.0054)	ND(0.0055)	ND(0.0051)	ND(0.0056)	ND(0.0053)	ND(0.0064)	ND(0.011)	ND(0.0091)	ND(0.0059)	ND(0.0061)	ND(0.0051)	ND(0.0051)	ND(0.011)	ND(0.0088)	ND(0.0082)	ND(0.011)	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0027)	ND(0.0027)	ND(0.0027)	ND(0.0026)	ND(0.0028)	ND(0.0026)	ND(0.0032)	ND(0.0055)	ND(0.0046)	ND(0.0030)	ND(0.0031)	ND(0.0026)	ND(0.0025)	ND(0.0054)	ND(0.0044)	ND(0.0041)	ND(0.0055)	NA	NA	NA	NA	NA	NA
Acetone	mg/Kg	0.8	16	--	--	ND(0.0085)	ND(0.0086)	ND(0.0087)	ND(0.0082)	ND(0.0089)	ND(0.0085)	ND(0.010)	ND(0.018)	ND(0.015)	ND(0.0095)	ND(0.0098)	ND(0.0082)	ND(0.0081)	ND(0.017)	ND(0.014)	ND(0.013)	ND(0.018)	NA	NA	NA	NA	NA	NA
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0021)	ND(0.0021)	ND(0.0022)	ND(0.0021)	ND(0.0022)	ND(0.0021)	ND(0.0025)	ND(0.0044)	ND(0.0036)	ND(0.0024)	ND(0.0025)	ND(0.0020)	ND(0.0020)	ND(0.0043)	ND(0.0035)	ND(0.0033)	ND(0.0044)	NA	NA	NA	NA	NA	NA
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
Chlorate	mg/Kg	--	--	--	--	NA	NA	NA	NA	**0.46**	**0.14J**	NA	NA	**0.11J**	NA	NA	NA	**0.20J**	NA	NA	NA	**350**	**110**	**190**	**31**	**190**	**460**	**1,400**
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0021)	ND(0.0021)	ND(0.0022)	ND(0.0021)	ND(0.0022)	ND(0.0021)	ND(0.0025)	ND(0.0044)	ND(0.0036)	ND(0.0024)	ND(0.0025)	ND(0.0020)	ND(0.0020)	ND(0.0043)	ND(0.0035)	ND(0.0033)	ND(0.0044)	NA	NA	NA	NA	NA	NA
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	**0.031**	**0.020**	NA	NA	NA	NA	NA	NA
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0021)	ND(0.0021)	ND(0.0022)	ND(0.0021)	ND(0.0022)	ND(0.0021)	ND(0.0025)	ND(0.0044)	ND(0.0036)	ND(0.0024)	ND(0.0025)	ND(0.0020)	ND(0.0020)	ND(0.0043)	ND(0.0035)	ND(0.0033)	ND(0.0044)	NA	NA	NA	NA	NA	NA
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0021)	ND(0.0021)	ND(0.0022)	ND(0.0021)	ND(0.0022)	ND(0.0021)	ND(0.0025)	ND(0.0044)	ND(0.0036)	ND(0.0024)	ND(0.0025)	ND(0.0020)	ND(0.0020)	ND(0.0043)	ND(0.0035)	ND(0.0033)	ND(0.0044)	NA	NA	NA	NA	NA	NA
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0053)	ND(0.0054)	ND(0.0055)	ND(0.0051)	ND(0.0056)	ND(0.0053)	ND(0.0064)	ND(0.011)	ND(0.0091)	ND(0.0059)	ND(0.0061)	ND(0.0051)	ND(0.0051)	ND(0.011)	ND(0.0088)	ND(0.0082)	ND(0.011)	NA	NA	NA	NA	NA	NA
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
Naphthalene	mg/Kg	4	80	--	--	ND(0.0021)	ND(0.0021)	ND(0.0022)	ND(0.0021)	ND(0.0022)	ND(0.0021)	ND(0.0025)	ND(0.0044)	ND(0.0036)	ND(0.0024)	ND(0.0025)	ND(0.0020)	ND(0.0020)	ND(0.0043)	ND(0.0035)	ND(0.0033)	ND(0.0044)	NA	NA	NA	NA	NA	NA
Nitrate as N	mg/Kg	--	--	--	--	NA	NA	NA	NA	**0.96J**	**2.1**	NA	NA	**2.2**	NA	NA	NA	**1.4**	NA	NA	NA	**9.4**	ND(0.98)	**1.3J**	ND(1.2)	ND(1.2)	ND(1.2)	**3.0**
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
o-Xylene	mg/Kg	9	180	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
Styrene	mg/Kg	0.2	4	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
Sulfate	mg/Kg	--	--	--	--	NA	NA	NA	NA	**990**	**98**	NA	NA	**160**	NA	NA	NA	**11,000**	NA	NA	NA	**13,000**	**210**	**490**	**270F1**	**300**	**340**	**630**
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.010)	ND(0.011)	ND(0.011)	ND(0.013)	ND(0.022)	ND(0.018)	ND(0.012)	ND(0.012)	ND(0.010)	ND(0.010)	ND(0.021)	ND(0.018)	ND(0.016)	ND(0.022)	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
Toluene	mg/Kg	0.6	12	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.0013)	ND(0.0022)	ND(0.0018)	ND(0.0012)	ND(0.0012)	ND(0.0010)	ND(0.0010)	ND(0.0021)	ND(0.0018)	ND(0.0016)	ND(0.0022)	NA	NA	NA	NA	NA	NA
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0021)	ND(0.0021)	ND(0.0022)	ND(0.0021)	ND(0.0022)	ND(0.0021)	ND(0.0025)	ND(0.0044)	ND(0.0036)	ND(0.0024)	ND(0.0025)	ND(0.0020)	ND(0.0020)	ND(0.0043)	ND(0.0035)	ND(0.0033)	ND(0.0044)	NA	NA	NA	NA	NA	NA

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20

Borehole U4U5-68 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																							
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'	40'	50'	60'	70'	80'	90'	100'	110'	120'	130'	140'	150'
Perchlorate	mg/kg	0.0185	0.371	--	--	**1.3**	**1.2**	**0.79**	**0.60**	**0.21**	**0.26**	**0.20**	**0.22**	**0.26F1**	**0.15**	**0.17**	**0.22**	**0.32**	**1.8**	**0.44**	**2.5**	**42**	**2.0F1**	**1.8**	**0.64**	**0.63**	**0.79**	**1.9F1**	**2.1F1**	**2.1**	**0.014J**	ND(0.016)	ND(0.015)
Hexavalent chromium	mg/kg	2	40	--	--	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	0.33	ND(0.16)	0.16J	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.18)	ND(0.16)	ND(0.20)	ND(0.23)	ND(0.23)	0.29J	ND(0.21)	ND(0.21)	ND(0.23)	ND(0.22)	ND(0.24)	ND(0.26)F1	ND(0.23)	ND(0.26)	ND(0.23)
Chromium	mg/kg	--	--	4,000,000	80,000,000	**22**	**24**	**23**	**23**	**18**	**25**	**17**	**16**	**13**	**22**	**23**	**18**	**17**	**8.7**	**16**	**54**	**39**	**33**	**34**	**34**	**23**	**99**	**29B**	**22B**	**28**	**37**	**68**	**41**
Percent Moisture	%	--	--	--	--	**7.7**	**8.2**	**8.2**	**8.7**	**6.2**	**7.9**	**6.4**	**7.9**	**8.1**	**9.1**	**6.1**	**7.7**	**9.3**	**16.5**	**8.5**	**26.1**	**35.5**	**35.1**	**30.6**	**28.1**	**28.2**	**33.4**	**32.3**	**36.4**	**43.3**	**34.4**	**42.1**	**35.7**
VOCs																																
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)F2	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)F2	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)F2	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)F2	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)F2	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)F2	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
1,2,3-Trichloropropane	mg/Kg	--	--	0.0000032	0.0000064	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0010)F2 F1	ND(0.0014)	ND(0.0019)	ND(0.0014)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)F2	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)F2	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0025)	ND(0.0018)	ND(0.0038)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0030)	ND(0.0031)	ND(0.0028)	ND(0.0027)	ND(0.0032)	ND(0.0023)	ND(0.0023)	ND(0.0021)	ND(0.0028)	ND(0.0023)	ND(0.0027)	ND(0.0021)F2 F1	ND(0.0028)	ND(0.0038)	ND(0.0028)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)*	ND(0.0014)*
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)F2	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)F2	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)F2	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)F2	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)F2	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0051)	ND(0.0053)	ND(0.0046)	ND(0.0045)	ND(0.0042)	ND(0.0063)	ND(0.0045)	ND(0.0096)	ND(0.0047)	ND(0.0044)	ND(0.0044)	ND(0.0038)	ND(0.0045)	ND(0.0075)	ND(0.0079)	ND(0.0070)	ND(0.0066)	ND(0.008)	ND(0.0057)	ND(0.0057)	ND(0.0053)	ND(0.0070)	ND(0.0058)	ND(0.0068)	ND(0.0052)F2 F1	ND(0.0069)	ND(0.0095)	ND(0.0071)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)F2	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0051)	ND(0.0053)	ND(0.0046)	ND(0.0045)	ND(0.0042)	ND(0.0063)	ND(0.0045)	ND(0.0096)	ND(0.0047)	ND(0.0044)	ND(0.0044)	ND(0.0038)	ND(0.0045)	ND(0.0075)	ND(0.0079)	ND(0.0070)	ND(0.0066)	ND(0.008)	ND(0.0057)	ND(0.0057)	ND(0.0053)	ND(0.0070)	ND(0.0058)	ND(0.0068)	**0.017J F2 F1**	ND(0.0069)	ND(0.0095)	ND(0.0071)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)F2	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0025)	ND(0.0026)	ND(0.0023)	ND(0.0023)*	ND(0.0021)*	ND(0.0031)	ND(0.0023)	ND(0.0048)*	ND(0.0023)*	ND(0.0022)	ND(0.0022)	ND(0.0019)	ND(0.0022)	ND(0.0037)	ND(0.0039)	ND(0.0035)	ND(0.0033)	ND(0.004)	ND(0.0028)	ND(0.0028)	ND(0.0027)	ND(0.0035)	ND(0.0029)	ND(0.0034)	ND(0.0026)F2 F1	ND(0.0035)	ND(0.0047)	ND(0.0035)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0081)	ND(0.0084)	ND(0.0073)	ND(0.0073)*	ND(0.0067)*	**0.030**	ND(0.0073)	ND(0.015)F1	ND(0.0074)	ND(0.0070)	ND(0.0072)	**0.016**	ND(0.0072)	ND(0.012)	**0.023J**	ND(0.011)	ND(0.011)	ND(0.013)	ND(0.0091)	ND(0.0091)	ND(0.0085)	ND(0.011)	ND(0.0093)F1	ND(0.011)	**0.049F2 F1**	ND(0.011)	ND(0.015)	ND(0.011)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)F2	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)F2	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0025)	ND(0.0018)	ND(0.0038)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0030)	ND(0.0031)	ND(0.0028)	ND(0.0027)	ND(0.0032)	ND(0.0023)	ND(0.0023)	ND(0.0021)	ND(0.0028)	ND(0.0023)	ND(0.0027)	ND(0.0021)F2	ND(0.0028)	ND(0.0038)*	ND(0.0028)*
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)F2	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
Chlorate	mg/Kg	--	--	--	--	NA	NA	NA	NA	**0.069J**	NA	NA	NA	ND(0.054)	NA	NA	NA	**0.13J**	NA	NA	NA	**49**	**28**	**15**	**12**	**12**	**14**	ND(0.074)	**41**	**0.37**	**0.14J**	ND(0.086)	ND(0.078)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0025)	ND(0.0018)	ND(0.0038)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0030)	ND(0.0031)	ND(0.0028)	ND(0.0027)	ND(0.0032)	ND(0.0023)	ND(0.0023)	ND(0.0021)	ND(0.0028)	ND(0.0023)F2	ND(0.0027)	ND(0.0021)F2	ND(0.0028)	ND(0.0038)	ND(0.0028)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	**0.0029**	**0.0059**	**0.0042**	**0.0026**	**0.0028**	**0.0046**	**0.0037**	**0.0019J**	**0.0042F2**	ND(0.0014)	ND(0.0019)	ND(0.0014)
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)*	ND(0.00084)*	ND(0.0013)	ND(0.00091)	ND(0.0019)*	ND(0.00093)*	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0025)	ND(0.0018)	ND(0.0038)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0030)	ND(0.0031)	ND(0.0028)	ND(0.0027)	ND(0.0032)	ND(0.0023)	ND(0.0023)	ND(0.0021)	ND(0.0028)	ND(0.0023)	ND(0.0027)	ND(0.0021)F2	ND(0.0028)	ND(0.0038)	ND(0.0028)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)F2	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)F2	ND(0.0014)	ND(0.0010)F2 F1	ND(0.0014)	ND(0.0019)	ND(0.0014)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.0010)	ND(0.0011)	ND(0.00092)	ND(0.00091)	ND(0.00084)	ND(0.0013)	ND(0.00091)	ND(0.0019)	ND(0.00093)	ND(0.00088)	ND(0.00089)	ND(0.00075)	ND(0.00090)	ND(0.0015)	ND(0.0016)	ND(0.0014)	ND(0.0013)	ND(0.0016)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0014)	ND(0.0012)F2	ND(0.0014)	ND(0.0010)F2	ND(0.0014)	ND(0.0019)	ND(0.0014)
m,p-Xylene	mg/Kg	10	200[e]	--	--	ND(0.0020)	ND(0.0021)	ND(0.0018)	ND(0.0018)	ND(0.0017)	ND(0.0025)	ND(0.0018)	ND(0.0038)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0015)	ND(0.0018)	ND(0.0030)	ND(0.0031)	ND(0.0028)	ND(0.0027)	ND(0.0032)	ND(0.0023)	ND(0.0023)	ND(0.0021)	ND(0.0028)	ND(0.0023)F2	ND(0.0027)	ND(0.0021)F2	ND(0.0028)	ND(0.0038)	ND(0.0028)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0051)	ND(0.0053)	ND(0.0046)	ND(0.0045)	ND(0.0042)	ND(0.0063)	ND(0.0045)	ND(0.0096)	ND(0.0047)	ND(0.0044)	ND(0.0044)	ND(0.0038)	ND(0.0045)	ND(0.0075)	ND(0.0079)	ND(0.0070)	ND(0.0066)	ND(0.008)	ND(0.0057)	ND(0.0057)

Borehole U4U5-69 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	35'	50'	60'	70'	80'	90'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**2.7**	**0.062**	**1.5**	**81**	**20**	**67**	**83**	**18**	**94**	**240**	**220**	**480**					
Hexavalent chromium	mg/Kg	2	40	--	--	**0.36**	**0.26J**	**1.7**	**3.6**	**1.7**	**2.7**	**2.4**	**0.26J**	**4.1**	**12**	**9.2**	**49**					
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**22**	**22**	**23**	**27**	**21**	**25**	**16**	**10**	**12**	**37**	**50**	**95**					
Percent Moisture	%	--	--	--	--	**8.3**	**11.5**	**8.3**	**7.2**	**6.2**	**8.1**	**11**	**11.9**	**21.2**	**19.8**	**26**	**35**	**32.8**	**33**	**33**	**30.7**	**38.3**
VOCs																						
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0020)	ND(0.0021)	ND(0.0021)	ND(0.0020)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0022)	ND(0.0028)	ND(0.0023)	ND(0.0029)	ND(0.0026)	NA	NA	NA	NA	NA
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0049)	ND(0.0053)	ND(0.0052)	ND(0.0049)	ND(0.0051)	ND(0.0047)	ND(0.0049)	ND(0.0054)	ND(0.0069)	ND(0.0058)	ND(0.0074)	ND(0.0066)	NA	NA	NA	NA	NA
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0049)	ND(0.0053)	ND(0.0052)	ND(0.0049)	ND(0.0051)	ND(0.0047)	ND(0.0049)	ND(0.0054)	ND(0.0069)	ND(0.0058)	ND(0.0074)	ND(0.0066)	NA	NA	NA	NA	NA
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0024)	ND(0.0026)	ND(0.0026)	ND(0.0025)	ND(0.0026)	ND(0.0024)	ND(0.0024)	ND(0.0027)	ND(0.0034)	ND(0.0029)	ND(0.0037)	ND(0.0033)	NA	NA	NA	NA	NA
Acetone	mg/Kg	0.8	16	--	--	**0.048**	ND(0.0084)	ND(0.0083)	ND(0.0079)	ND(0.0082)	ND(0.0076)	ND(0.0078)	ND(0.0087)	ND(0.011)	ND(0.0093)	ND(0.012)	ND(0.011)	NA	NA	NA	NA	NA
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0020)	ND(0.0021)	ND(0.0021)	ND(0.0020)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0022)	ND(0.0028)	ND(0.0023)	ND(0.0029)	ND(0.0026)	NA	NA	NA	NA	NA
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
Chlorate	mg/Kg	--	--	--	--	NA	NA	NA	NA	**760**	**1,400**	**1,700**	**160**	**990**	**4,600**	**3,300**	**10,000**	**6.6**	**11**	**13**	**84**	**260**
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0020)	ND(0.0021)	ND(0.0021)	ND(0.0020)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0022)	ND(0.0028)	ND(0.0023)	ND(0.0029)	ND(0.0026)	NA	NA	NA	NA	NA
Chloroform	mg/Kg	0.03	0.6	--	--	**0.0016J**	**0.0011J**	**0.0021**	**0.0017J**	**0.0022**	ND(0.00095)	**0.0018J**	ND(0.0011)	**0.0017J**	**0.064**	**0.0054**	**0.180**	NA	NA	NA	NA	NA
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0020)	ND(0.0021)	ND(0.0021)	ND(0.0020)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0022)	ND(0.0028)	ND(0.0023)	ND(0.0029)	ND(0.0026)	NA	NA	NA	NA	NA
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0020)	ND(0.0021)	ND(0.0021)	ND(0.0020)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0022)	ND(0.0028)	ND(0.0023)	ND(0.0029)	ND(0.0026)	NA	NA	NA	NA	NA
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0049)	ND(0.0053)	ND(0.0052)	ND(0.0049)	ND(0.0051)	ND(0.0047)	ND(0.0049)	ND(0.0054)	ND(0.0069)	ND(0.0058)	ND(0.0074)	ND(0.0066)	NA	NA	NA	NA	NA
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
Naphthalene	mg/Kg	4	80	--	--	ND(0.0020)	ND(0.0021)	ND(0.0021)	ND(0.0020)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0022)	ND(0.0028)	ND(0.0023)	ND(0.0029)	ND(0.0026)	NA	NA	NA	NA	NA
Nitrate as N	mg/Kg	--	--	--	--	NA	NA	NA	NA	**3.8**	**7.1**	**12**	**2**	**5.5**	**16**	**24**	**37**	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.3)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
o-Xylene	mg/Kg	9	180	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
Styrene	mg/Kg	0.2	4	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
Sulfate	mg/Kg	--	--	--	--	NA	NA	NA	NA	**120**	**340**	**340**	**17,000**	**19,000**	**440**	**570**	**840**	**570**	**580**	**520**	**490**	**650**
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.0098)	ND(0.011)	ND(0.010)	ND(0.0098)	ND(0.010)	ND(0.0095)	ND(0.0098)	ND(0.011)	ND(0.014)	ND(0.012)	ND(0.015)	ND(0.013)	NA	NA	NA	NA	NA
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
Toluene	mg/Kg	0.6	12	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.00098)	ND(0.0011)	ND(0.0010)	ND(0.00098)	ND(0.0010)	ND(0.00095)	ND(0.00098)	ND(0.0011)	ND(0.0014)	ND(0.0012)	ND(0.0015)	ND(0.0013)	NA	NA	NA	NA	NA
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0020)	ND(0.0021)	ND(0.0021)	ND(0.0020)	ND(0.0020)	ND(0.0019)	ND(0.0020)	ND(0.0022)	ND(0.0028)	ND(0.0023)	ND(0.0029)	ND(0.0026)	NA	NA	NA	NA	NA

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-70 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																									
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	40'	50'	60'	64'	70'	80'	90'	95'	100'	110'	120'	125'	130'	140'	150'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**0.041J**	**0.040J**	**0.1**	**0.055**	**0.13**	**0.35**	**40**	**16**	**16**	**8.9**	**6.6**	**4.3**	**8.5**	**14**	**0.1**	**0.11**	**0.12**	**0.15**	**0.37**	**21**	**32**	**3**	**0.3**	**0.061J**	ND(0.014)	ND(0.014)	**0.020J**	ND(0.016)	ND(0.014)
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.16)	ND(0.16)	ND(0.17)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.20)	ND(0.19)	ND(0.18)	ND(0.22)	ND(0.23)	ND(0.085)	ND(0.26)	ND(0.27)	ND(0.22)	ND(0.22)	ND(0.21)	ND(0.19)	ND(0.19)	ND(0.27)	0.25J	ND(0.25)	ND(0.22)	ND(0.26)	ND(0.22)	ND(0.22)	ND(0.23)	0.37J	ND(0.23)
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**17**	**18**	**40**	**18**	**21**	**15**	**47**	**17**	**25**	**21**	**34**	**36**	**36**	**52**	**30**	**24**	**31**	**24**	**21**	**47**	**34**	**25**	**41**	**27**	**29**	**53**	**45**	**78**	**28**
Percent Moisture	%	--	--	--	--	**6.1**	**6.9**	**12.7**	**7.6**	**8.2**	**6.8**	**24.2**	**21.1**	**16.1**	**31.6**	**33.9**	**41.3**	**41.7**	**43.6**	**32**	**31.6**	**29**	**19.6**	**22.5**	**44.5**	**36.6**	**39.9**	**32**	**40.9**	**32.1**	**32.4**	**33**	**39.3**	**34.3**
VOCs																																	
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00003032	0.0000064	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0021)	ND(0.0020)	ND(0.0022)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0024)	ND(0.0022)	ND(0.0030)	ND(0.0026)	ND(0.0025)	ND(0.0037)	ND(0.0033)	ND(0.0036)	ND(0.0029)	ND(0.0027)	ND(0.0026)	ND(0.00093)	ND(0.0019)	ND(0.0046)	ND(0.0039)	ND(0.0037)	ND(0.0029)	ND(0.0034)	ND(0.0028)	ND(0.0027)	ND(0.0026)	ND(0.0027)	ND(0.0027)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	**0.011**	ND(0.0049)	ND(0.0055)	ND(0.0047)	ND(0.0044)	ND(0.0046)	ND(0.0061)	ND(0.0054)	ND(0.0074)	ND(0.0066)	ND(0.0062)	ND(0.0092)	ND(0.0083)	ND(0.0090)	ND(0.0072)	ND(0.0068)	ND(0.0065)	ND(0.0023)	ND(0.0047)	ND(0.011)	ND(0.0097)	ND(0.0093)	ND(0.0073)	ND(0.0085)	ND(0.0069)	ND(0.0068)	ND(0.0065)	ND(0.0067)	ND(0.0068)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0053)	ND(0.0049)	ND(0.0055)	ND(0.0047)	ND(0.0044)	ND(0.0046)	ND(0.0061)	ND(0.0054)	ND(0.0074)	ND(0.0066)	ND(0.0062)	ND(0.0092)	ND(0.0083)	ND(0.0090)	ND(0.0072)	ND(0.0068)	ND(0.0065)	ND(0.0023)	ND(0.0047)	ND(0.011)	ND(0.0097)	ND(0.0093)	ND(0.0073)	ND(0.0085)	ND(0.0069)	ND(0.0068)	ND(0.0065)	ND(0.0067)	ND(0.0068)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
Acetone	mg/Kg	0.8	16	--	--	**0.870E**	**0.045**	**0.087**	ND(0.0075)	**0.046**	ND(0.0074)	ND(0.0098)	ND(0.0086)	ND(0.012)	ND(0.011)	ND(0.010)	ND(0.015)	ND(0.013)	ND(0.014)	ND(0.012)	ND(0.011)	ND(0.010)	ND(0.0037)	ND(0.0075)	ND(0.018)	ND(0.016)	ND(0.015)	ND(0.012)	ND(0.014)	ND(0.011)	ND(0.011)	ND(0.010)	ND(0.011)	ND(0.011)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0021)	ND(0.0020)	ND(0.0022)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0024)	ND(0.0022)	ND(0.0030)	ND(0.0026)	ND(0.0025)	ND(0.0037)	ND(0.0033)	ND(0.0036)	ND(0.0029)	ND(0.0027)	ND(0.0026)	ND(0.00093)	ND(0.0019)	ND(0.0046)	ND(0.0039)	ND(0.0037)	ND(0.0029)	ND(0.0034)	ND(0.0028)	ND(0.0027)	ND(0.0026)	ND(0.0027)	ND(0.0027)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
Chlorate	mg/Kg	--	--	--	--	NA	NA	NA	NA	**0.500**	NA	NA	NA	**53**	NA	NA	NA	**52**	NA	NA	NA	NA	**2.5**	**5.9**	**220**	**160**	**17**	**3.2**	**0.50**	**0.080J**	**0.096J**	**0.32**	ND(0.082)	ND(0.076)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0021)	ND(0.0020)	ND(0.0022)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0024)	ND(0.0022)	ND(0.0030)	ND(0.0026)	ND(0.0025)	ND(0.0037)	ND(0.0033)	ND(0.0036)	ND(0.0029)	ND(0.0027)	ND(0.0026)	ND(0.00093)	ND(0.0019)	ND(0.0046)	ND(0.0039)	ND(0.0037)	ND(0.0029)	ND(0.0034)	ND(0.0028)	ND(0.0027)	ND(0.0026)	ND(0.0027)	ND(0.0027)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	**0.0018J**	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	**0.064**	**0.0059**	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0021)	ND(0.0020)	ND(0.0022)	ND(0.0019)*	ND(0.0018)*	ND(0.0018)	ND(0.0024)	ND(0.0022)	ND(0.0030)	ND(0.0026)	ND(0.0025)	ND(0.0037)	ND(0.0033)	ND(0.0036)	ND(0.0029)	ND(0.0027)	ND(0.0026)	ND(0.00093)	ND(0.0019)	ND(0.0046)	ND(0.0039)	ND(0.0037)	ND(0.0029)	ND(0.0034)	ND(0.0028)	ND(0.0027)	ND(0.0026)	ND(0.0027)	ND(0.0027)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.0011)	ND(0.00099)	ND(0.0011)	ND(0.00093)	ND(0.00088)	ND(0.00092)	ND(0.0012)	ND(0.0011)	ND(0.0015)	ND(0.0013)	ND(0.0012)	ND(0.0018)	ND(0.0017)	ND(0.0018)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.00046)	ND(0.00094)	ND(0.0023)	ND(0.0019)	ND(0.0019)	ND(0.0015)	ND(0.0017)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0014)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0021)	ND(0.0020)	ND(0.0022)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0024)	ND(0.0022)	ND(0.0030)	ND(0.0026)	ND(0.0025)	ND(0.0037)	ND(0.0033)	ND(0.0036)	ND(0.0029)	ND(0.0027)	ND(0.0026)	ND(0.00093)	ND(0.0019)	ND(0.0046)	ND(0.0039)	ND(0.0037)	ND(0.0029)	ND(0.0034)	ND(0.0028)	ND(0.0027)	ND(0.0026)	ND(0.0027)	ND(0.0027)
Methylene Chloride

Borehole U4U5-71 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	30'	35'	60'	70'	73'	80'	90'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**5.5**	**3.3**	**2.3**	**2.4**	**1.3**	**4.3**	**4.1**	**3.1**	**3.1**	**3.2**	**1.5**	**39**	**160**			**0.37**		
Hexavalent chromium	mg/Kg	2	40	--	--	**3.4**	**0.83**	**0.39**	**0.27J**	**0.68**	**0.24J**	**0.99J**	**0.70**	**0.43**	**0.30J**	ND(0.21)	ND(0.21)	**0.44**			ND(0.17)		
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**120**	**25**	**23**	**20**	**30**	**20**	**18**	**33**	**30**	**42**	**45**	**25**	**28**			**26**		
Percent Moisture	%	--	--	--	--	**6.6**	**6.3**	**10.4**	**8.7**	**11.5**	**10.6**	**8.9**	**27.2**	**28.7**	**38.3**	**29.4**	**27.2**	**25.5**	**30.3**	**33.3**	**12.1**	**42.0**	**37.0**
VOCs																							
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0023)	ND(0.0019)	ND(0.0030)	ND(0.0021)	ND(0.0030)	ND(0.0031)	ND(0.0036)	ND(0.0033)	ND(0.0019)	ND(0.0023)	NA	NA	ND(0.0019)	NA	NA
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0052)	ND(0.0052)	ND(0.0053)	ND(0.0056)	ND(0.0048)	ND(0.0075)	ND(0.0052)	ND(0.0075)	ND(0.0078)	ND(0.0091)	ND(0.0082)	ND(0.0048)	ND(0.0057)	NA	NA	ND(0.0048)	NA	NA
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0052)	ND(0.0052)	ND(0.0053)	ND(0.0056)	ND(0.0048)	ND(0.0075)	ND(0.0052)	ND(0.0075)	ND(0.0078)	ND(0.0091)	ND(0.0082)	ND(0.0048)	ND(0.0057)	NA	NA	ND(0.0048)	NA	NA
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0026)	ND(0.0026)	ND(0.0028)	ND(0.0024)	ND(0.0038)	ND(0.0026)	ND(0.0038)	ND(0.0039)	ND(0.0045)	ND(0.0041)	ND(0.0024)	ND(0.0029)	NA	NA	NA	ND(0.0024)	NA	NA
Acetone	mg/Kg	0.8	16	--	--	ND(0.0084)	**0.37**	ND(0.0085)	ND(0.009)	ND(0.0076)	ND(0.012)	ND(0.0083)	ND(0.012)	ND(0.012)	ND(0.015)	ND(0.013)	ND(0.0077)	ND(0.0092)	NA	NA	ND(0.0076)	NA	NA
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0023)	ND(0.0019)	ND(0.0030)	ND(0.0021)	ND(0.0030)	ND(0.0031)	ND(0.0036)	ND(0.0033)	ND(0.0019)	ND(0.0023)	NA	NA	ND(0.0019)	NA	NA
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
Chlorate	mg/Kg	--	--	--	--	NA	NA	NA	NA	**0.73**	**1.6**	**1.8**	**3.8**	**3.9**	**4.6**	**2.5**	**30**	**210**	**2**	**3.3**	NA	**90**	**380**
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0023)	ND(0.0019)	ND(0.0030)	ND(0.0021)	ND(0.0030)	ND(0.0031)	ND(0.0036)	ND(0.0033)	ND(0.0019)	ND(0.0023)	NA	NA	ND(0.0019)	NA	NA
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.0010)	**0.0013J**	**0.0017J**	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	**0.0038**	**0.0084**	ND(0.0018)	ND(0.0016)	**0.0038**	**0.0036**	NA	NA	ND(0.00096)	NA	NA
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0023)	ND(0.0019)	ND(0.0030)	ND(0.0021)	ND(0.0030)	ND(0.0031)	ND(0.0036)	ND(0.0033)	ND(0.0019)	ND(0.0023)	NA	NA	ND(0.0019)	NA	NA
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0023)	ND(0.0019)	ND(0.0030)	ND(0.0021)	ND(0.0030)	ND(0.0031)	ND(0.0036)	ND(0.0033)	ND(0.0019)	ND(0.0023)	NA	NA	ND(0.0019)	NA	NA
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0052)	ND(0.0052)	ND(0.0053)	ND(0.0056)	ND(0.0048)	ND(0.0075)	ND(0.0052)	ND(0.0075)	ND(0.0078)	ND(0.0091)	ND(0.0082)	ND(0.0048)	ND(0.0057)	NA	NA	ND(0.0048)	NA	NA
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
Naphthalene	mg/Kg	4	80	--	--	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0023)	ND(0.0019)	ND(0.0030)	ND(0.0021)	ND(0.0030)	ND(0.0031)	ND(0.0036)	ND(0.0033)	ND(0.0019)	ND(0.0023)	NA	NA	ND(0.0019)	NA	NA
Nitrate as N	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	NA	NA	NA	NA	**ND(0.91)**	**ND(0.89)**	**1.2**	**2.1**	2.4	**3.5**	**2.4**	**1.4J**	**1.8**	ND(1.1)	ND(1.2)	NA	ND(1.4)	ND(1.3)
o-Xylene	mg/Kg	9	180	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
Styrene	mg/Kg	0.2	4	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
Sulfate	mg/Kg	--	--	--	--	NA	NA	NA	NA	**42**	**24**	**21**	**21,000**	**1,000**	**1,300**	**920**	**3,200**	**800**	**330**	**450**	NA	**360**	**270**
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.010)	**0.090J**	ND(0.011)	ND(0.011)	ND(0.0095)	ND(0.015)	ND(0.010)	ND(0.015)	ND(0.016)	ND(0.018)	ND(0.016)	ND(0.0096)	ND(0.011)	NA	NA	ND(0.0096)	NA	NA
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
Toluene	mg/Kg	0.6	12	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
trans-1,2-Dichloroethene	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
trans-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
Trichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
Trichlorofluoromethane	mg/Kg	--	--	0.33	6.6	ND(0.0010)	ND(0.0010)	ND(0.0011)	**0.0015J**	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
Vinyl chloride	mg/Kg	0.0007	0.014	--	--	ND(0.0010)	ND(0.0010)	ND(0.0011)	ND(0.0011)	ND(0.00095)	ND(0.0015)	ND(0.0010)	ND(0.0015)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.00096)	ND(0.0011)	NA	NA	ND(0.00096)	NA	NA
Xylenes, Total	mg/Kg	10	200	--	--	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0023)	ND(0.0019)	ND(0.0030)	ND(0.0021)	ND(0.0030)	ND(0.0031)	ND(0.0036)	ND(0.0033)	ND(0.0019)	ND(0.0023)	NA	NA	ND(0.0019)	NA	NA

Notes:
If no LBCL value was available then RSL value was recorded.
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the LBCL DAF 1 or the RSL DAF 1
* - LCS or LCSD is outside acceptance limits
a - The LBCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The RSLs for DAF 1 are the Risk-Based SSLs (soil screening levels) found in the table, "Regional Screening Level Resident Soil to Groundwater Table (TR=1E-06, HQ=0.1) November 2015"
c - The RSLs for DAF 20 are calculated by multiplying the RSL DAF 1 by 20.
d - The DAF 1 LBCL is 10,000 µg/L for m-xylene and 10,000 µg/L for p-xylene
e - The DAF 20 LBCL is 200,000 µg/L for m-xylene and 200,000 µg/L for p-xylene
B - Compound was found in the blank and sample
DAF - Dilution Attenuation Factor
H - Sample was prepped or analyzed beyond the specified holding time
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
ID - Analyte identified by RT & presence of single mass ion
F1 - MS and/or MSD Recovery is outside acceptance limits
LBCL - Leaching-based Basic Comparison Level
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
mg/Kg - milligram per kilogram
NA - not analyzed
ND (1.0) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RSL - Regional Screening Level
µg/kg - microgram per kilogram
VOCs - Volatile Organic Compounds

Borehole U4U5-72 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																								
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'	40'	50'	60'	70'	80'	90'	100'	110'	120'	130'	140'	150'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**0.50**	**0.18**	**0.078**	**0.069**	**0.19**	**0.071F1**	**0.068**	**0.77**	**1.4**	**0.52**	**3.4**	**0.14**	**0.13**	**25**	**23**	**6.8**	**7.2**	**1.6**	**1.9**	**0.75**	**0.77**	**0.42**	ND(0.015)	ND(0.014)	**0.069**	ND(0.014)	ND(0.015)	ND(0.014)
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.17)	ND(0.16)	ND(0.17)	ND(0.16)	ND(0.17)	ND(0.17)	ND(0.19)	ND(0.22)	ND(0.23)	ND(0.21)	ND(0.23)	ND(0.16)	ND(0.18)	ND(0.25)	ND(0.22)	**0.36J**	**0.37J**	ND(0.22)	**0.43**	**0.23J**	ND(0.24)	ND(0.22)	ND(0.24)	ND(0.22)	ND(0.24)	ND(0.22)	ND(0.24)	ND(0.22)
Chromium	mg/Kg	--	--	4000000	80000000	**17**	**15**	**16**	**15**	**15**	**16**	**15**	**32**	**52**	**31**	**35**	**14**	**21**	**63**	**55**	**68**	**50**	**50F2 F1**	**42**	**32**	**29**	**29**	**34**	**71**	**49**	**83**	**38**	**28**
Percent Moisture	%	--	--	--	--	**11.6**	**7.6**	**11.4**	**7**	**12.1**	**9.8**	**21.5**	**31.9**	**35.7**	**26.3**	**34.7**	**5.1**	**18.7**	**38.6**	**32.4**	**43.1**	**40.2**	**32.9**	**28.6**	**23.3**	**36.8**	**29.4**	**37.4**	**32.1**	**35.7**	**32.5**	**37.7**	**33.9**
VOCs																																
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	**0.0012J**	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0020)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0018)	ND(0.0022)	ND(0.0039)	ND(0.0035)	ND(0.0033)	ND(0.0034)	ND(0.0019)	ND(0.0023)	ND(0.0042)	ND(0.0031)	ND(0.0037)	ND(0.0031)	ND(0.0025)	ND(0.0024)	ND(0.0027)	ND(0.0027)	ND(0.0023)	ND(0.0028)	ND(0.0027)	ND(0.0025)	ND(0.0023)	ND(0.0032)	ND(0.0028)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	**0.0012J**	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0051)	ND(0.0045)	ND(0.0048)	ND(0.0046)	ND(0.0045)	ND(0.0045)	ND(0.0055)	ND(0.0098)	ND(0.0086)	ND(0.0083)	ND(0.0086)	ND(0.0047)	ND(0.0057)	ND(0.010)	ND(0.0079)	ND(0.0092)	ND(0.0078)	ND(0.0062)	ND(0.006)	ND(0.0068)	ND(0.0068)	ND(0.0059)	ND(0.0070)	ND(0.0068)	ND(0.0064)	ND(0.0057)	ND(0.0080)	ND(0.0071)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0051)	ND(0.0045)	ND(0.0048)	ND(0.0046)	ND(0.0045)	ND(0.0045)	ND(0.0055)	ND(0.0098)	ND(0.0086)	ND(0.0083)	ND(0.0086)	ND(0.0047)	ND(0.0057)	ND(0.010)	ND(0.0079)	ND(0.0092)	ND(0.0078)	ND(0.0062)	ND(0.006)	ND(0.0068)	ND(0.0068)	ND(0.0059)	ND(0.0070)	ND(0.0068)	ND(0.0064)	ND(0.0057)	ND(0.0080)	ND(0.0071)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0025)	ND(0.0023)	ND(0.0024)	ND(0.0023)	ND(0.0022)	ND(0.0022)	ND(0.0027)	ND(0.0049)	ND(0.0043)	ND(0.0041)	ND(0.0043)	ND(0.0023)	ND(0.0028)	ND(0.0052)	ND(0.0039)	ND(0.0046)	ND(0.0039)	ND(0.0031)	ND(0.0030)	ND(0.0034)	ND(0.0034)	ND(0.0029)	ND(0.0035)	ND(0.0034)	ND(0.0032)	ND(0.0028)	ND(0.0040)	ND(0.0035)
Acetone	mg/Kg	0.8	16	--	--	**0.035**	**0.028**	**0.013J**	**0.10**	**0.26**	ND(0.0073)	**0.098**	ND(0.016)	ND(0.014)	ND(0.013)	ND(0.014)	ND(0.0075)	ND(0.0091)	ND(0.017)	ND(0.013)	ND(0.015)	ND(0.012)	ND(0.010)	ND(0.0096)	ND(0.011)	ND(0.011)	ND(0.0094)	ND(0.011)	ND(0.011)	ND(0.010)	ND(0.0091)	ND(0.013)	ND(0.011)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0020)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0018)	ND(0.0022)	ND(0.0039)	ND(0.0035)	ND(0.0033)	ND(0.0034)	ND(0.0019)	ND(0.0023)	ND(0.0042)	ND(0.0031)	ND(0.0037)	ND(0.0031)	ND(0.0025)	ND(0.0024)	ND(0.0027)	ND(0.0027)	ND(0.0023)	ND(0.0028)	ND(0.0027)	ND(0.0025)	ND(0.0023)	ND(0.0032)	ND(0.0028)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
Chlorate	mg/Kg	--	--	--	--	NA	NA	NA	NA	**0.32**	NA	NA	NA	**0.71**	NA	**0.096J**	NA	NA	NA	NA	**100**	**17**	**22**	**15**	**9.3**	**3.5**	**0.10J**	ND(0.073)	ND(0.078)	ND(0.074)	ND(0.080)	ND(0.075)
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0020)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0018)	ND(0.0022)	ND(0.0039)	ND(0.0035)	ND(0.0033)	ND(0.0034)	ND(0.0019)	ND(0.0023)	ND(0.0042)	ND(0.0031)	ND(0.0037)	ND(0.0031)	ND(0.0025)	ND(0.0024)	ND(0.0027)	ND(0.0027)	ND(0.0023)	ND(0.0028)	ND(0.0027)	ND(0.0025)	ND(0.0023)	ND(0.0032)	ND(0.0028)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	**0.0057**	**0.0060**	**0.0041**	**0.0032**	**0.0024J**	**0.0031**	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0020)*	ND(0.0018)*	ND(0.0019)*	ND(0.0018)*	ND(0.0018)*	ND(0.0018)	ND(0.0022)	ND(0.0039)	ND(0.0035)	ND(0.0033)	ND(0.0034)	ND(0.0019)	ND(0.0023)	ND(0.0042)	ND(0.0031)	ND(0.0037)	ND(0.0031)	ND(0.0025)	ND(0.0024)	ND(0.0027)	ND(0.0027)	ND(0.0023)	ND(0.0028)	ND(0.0027)	ND(0.0025)	ND(0.0023)	ND(0.0032)	ND(0.0028)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0.0018)	ND(0.0016)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0013)	ND(0.0011)	ND(0.0016)	ND(0.0014)
m,p-Xylene	mg/Kg	10*	200*	--	--	ND(0.0020)	ND(0.0018)	ND(0.0019)	ND(0.0018)	ND(0.0018)	ND(0.0018)	ND(0.0022)	ND(0.0039)	ND(0.0035)	ND(0.0033)	ND(0.0034)	ND(0.0019)	ND(0.0023)	ND(0.0042)	ND(0.0031)	ND(0.0037)	ND(0.0031)	ND(0.0025)	ND(0.0024)	ND(0.0027)	ND(0.0027)	ND(0.0023)	ND(0.0028)	ND(0.0027)	ND(0.0025)	ND(0.0023)	ND(0.0032)	ND(0.0028)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0051)	ND(0.0045)	ND(0.0048)	ND(0.0046)	ND(0.0045)	ND(0.0045)	ND(0.0055)	ND(0.0098)	ND(0.0086)	ND(0.0083)	ND(0.0086)	ND(0.0047)	ND(0.0057)	ND(0.010)	ND(0.0079)	ND(0.0092)	ND(0.0078)	ND(0.0062)	ND(0.006)	ND(0.0068)	ND(0.0068)	ND(0.0059)	ND(0.0070)	ND(0.0068)	ND(0.0064)	ND(0.0057)	ND(0.0080)	ND(0.0071)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0010)	ND(0.00090)	ND(0.00096)	ND(0.00092)	ND(0.00090)	ND(0.00091)	ND(0.0011)	ND(0.0020)	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.00093)	ND(0.0011)	ND(0.0021)	ND(0.0016)	ND(0

Borehole U4U5-73 Soil Analytical Results

Analyte	Units	LBCL[a]		RSL		Depth Below Ground Surface																				
		DAF 1	DAF 20	DAF 1[b]	DAF 20[c]	1'	2.5'	5'	7.5'	10'	12.5'	15'	17.5'	20'	22.5'	25'	27.5'	30'	32.5'	35'	37.5'	40'	50'	60'	80'	81'	90'
Perchlorate	mg/Kg	0.0185	0.371	--	--	**0.24**	**0.12**	**0.77**	**4.3**	**4.8**	**3.6**	**4.8**	**7.2**	**1.1**	**5.4**	**5.2**	**4.8**	**4.3**	**8.1**	**28**	**8.7**	**5.0**	**1.4**	**1.5**	**1.1**	**0.42**	**0.58**
Hexavalent chromium	mg/Kg	2	40	--	--	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.19)	ND(0.16)	ND(0.16)	ND(0.19)	ND(0.20)	ND(0.20)	ND(0.19)	ND(0.21)	ND(0.23)	ND(0.26)	ND(0.22)	ND(0.23)	ND(0.21)	ND(0.21)	**1.7**	ND(0.20)	ND(0.22)
Chromium	mg/Kg	--	--	4,000,000	80,000,000	**21**	**23**	**22**	**19**	**22**	**19**	**20**	**18**	**9.5**	**24**	**42**	**35**	**37**	**36**	**70**	**31**	**44**	**26**	**32**	**57**	**25**	**28**
Percent Moisture	%	--	--	--	--	**5.8**	**6.3**	**6.6**	**5.8**	**5.3**	**20.4**	**5.9**	**8.4**	**19.4**	**25.9**	**25.5**	**19.8**	**28**	**35.2**	**42.8**	**32.8**	**34.8**	**29.0**	**28.9**	**43.8**	**24.5**	**29.9**
VOCs																										
1,1,1,2-Tetrachloroethane	mg/Kg	--	--	0.00022	0.0044	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
1,1,1-Trichloroethane	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
1,1,2,2-Tetrachloroethane	mg/Kg	0.0002	0.004	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
1,1,2-Trichloroethane	mg/Kg	0.0009	0.018	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
1,1-Dichloroethane	mg/Kg	1	20	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
1,1-Dichloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
1,1-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
1,2,3-Trichlorobenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
1,2,3-Trichloropropane	mg/Kg	--	--	0.00000032	0.0000064	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
1,2,4-Trichlorobenzene	mg/Kg	0.3	6	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
1,2,4-Trimethylbenzene	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
1,2-Dibromo-3-Chloropropane	mg/Kg	--	--	0.00000014	0.0000028	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0024)	ND(0.0020)	ND(0.0019)	ND(0.0024)	ND(0.0025)	ND(0.0028)	ND(0.0027)	ND(0.0031)	ND(0.0042)	ND(0.0034)	ND(0.0030)	ND(0.0029)	ND(0.0027)	ND(0.0026)	ND(0.0070)	ND(0.0012)	ND(0.0029)
1,2-Dibromoethane (EDB)	mg/Kg	--	--	0.0000021	0.000042	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
1,2-Dichlorobenzene	mg/Kg	0.9	18	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
1,2-Dichloroethane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
1,2-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
1,3,5-Trimethylbenzene	mg/Kg	--	--	0.017	0.34	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
1,3-Dichlorobenzene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
1,3-Dichloropropane	mg/Kg	0.001	0.02	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
1,4-Dichlorobenzene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
2,2-Dichloropropane	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
2-Butanone (MEK)	mg/Kg	--	--	0.12	2.4	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0052)	ND(0.0059)	ND(0.0051)	ND(0.0048)	ND(0.0060)	ND(0.0061)	ND(0.0070)	ND(0.0068)	ND(0.0077)	ND(0.010)	ND(0.0086)	ND(0.0075)	ND(0.0072)	ND(0.0067)	ND(0.0064)	ND(0.017)	ND(0.0031)	ND(0.0072)
2-Chlorotoluene	mg/Kg	--	--	0.023	0.46	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
2-Hexanone	mg/Kg	--	--	0.00088	0.0176	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0052)	ND(0.0059)	ND(0.0051)	ND(0.0048)	ND(0.0060)	ND(0.0061)	ND(0.0070)	ND(0.0068)	ND(0.0077)	ND(0.010)	ND(0.0086)	ND(0.0075)	ND(0.0072)	ND(0.0067)	ND(0.0064)	ND(0.017)	ND(0.0031)	ND(0.0072)
4-Chlorotoluene	mg/Kg	--	--	0.024	0.48	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
4-Methyl-2-pentanone (MIBK)	mg/Kg	--	--	0.14	2.8	ND(0.0026)	ND(0.0027)	ND(0.0027)	ND(0.0027)	ND(0.0026)	ND(0.0029)	ND(0.0026)	ND(0.0024)	ND(0.0030)	ND(0.0031)	ND(0.0035)	ND(0.0034)	ND(0.0039)	ND(0.0052)	ND(0.0043)	ND(0.0037)	ND(0.0036)	ND(0.0033)	ND(0.0032)	ND(0.0087)	ND(0.0016)	ND(0.0036)
Acetone	mg/Kg	0.8	16	--	--	ND(0.0084)	ND(0.0085)	ND(0.0085)	ND(0.0085)	ND(0.0084)	ND(0.0094)	ND(0.0082)	ND(0.0077)	ND(0.0097)	ND(0.0098)	ND(0.011)	ND(0.011)	ND(0.012)	ND(0.017)	ND(0.014)	ND(0.012)	ND(0.012)	ND(0.011)	ND(0.010)	ND(0.028)	ND(0.0050)	ND(0.012)
Benzene	mg/Kg	0.002	0.04	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
Bromobenzene	mg/Kg	--	--	0.0042	0.084	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
Bromochloromethane	mg/Kg	--	--	0.0021	0.042	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
Bromodichloromethane	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
Bromoform	mg/Kg	0.04	0.8	--	--	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0024)	ND(0.0020)	ND(0.0019)	ND(0.0024)	ND(0.0025)	ND(0.0028)	ND(0.0027)	ND(0.0031)	ND(0.0042)	ND(0.0034)	ND(0.0030)	ND(0.0029)	ND(0.0027)	ND(0.0026)	ND(0.0070)	ND(0.0012)	ND(0.0029)
Bromomethane	mg/Kg	0.01	0.2	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
Carbon tetrachloride	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
Chlorate	mg/Kg	--	--	--	--	NA	NA	NA	NA	**0.16J**	**2.2**	**2.9**	**6.2**	**0.85**	**3.9**	**5.1**	**2.4**	**4.1**	**13**	**49**	**54**	**62**	**18**	**20**	**15**	**8**	**7.4**
Chlorobenzene	mg/Kg	0.07	1.4	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
Chloroethane	mg/Kg	--	--	0.59	11.8	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0024)	ND(0.0020)	ND(0.0019)	ND(0.0024)	ND(0.0025)	ND(0.0028)	ND(0.0027)	ND(0.0031)	ND(0.0042)	ND(0.0034)	ND(0.0030)	ND(0.0029)	ND(0.0027)	ND(0.0026)	ND(0.0070)	ND(0.0012)	ND(0.0029)
Chloroform	mg/Kg	0.03	0.6	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	**0.0032**	**0.0036**	**0.0036**	**0.0062J**	**0.0012**	**0.0023J**
Chloromethane	mg/Kg	--	--	0.0049	0.098	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
cis-1,2-Dichloroethene	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
cis-1,3-Dichloropropene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
Dibromochloromethane	mg/Kg	0.02	0.4	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
Dibromomethane	mg/Kg	--	--	0.00021	0.0042	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
Dichlorodifluoromethane	mg/Kg	--	--	0.03	0.6	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0024)	ND(0.0020)	ND(0.0019)	ND(0.0024)	ND(0.0025)	ND(0.0028)	ND(0.0027)	ND(0.0031)	ND(0.0042)	ND(0.0034)	ND(0.0030)	ND(0.0029)	ND(0.0027)	ND(0.0026)	ND(0.0070)	ND(0.0012)	ND(0.0029)
Ethylbenzene	mg/Kg	0.7	14	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
Ethyl-t-butyl ether (ETBE)	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
Hexachlorobutadiene	mg/Kg	0.1	2	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
Isopropyl Ether (DIPE)	mg/Kg	--	--	0.037	0.74	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
Isopropylbenzene	mg/Kg	--	--	0.074	1.48	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
m,p-Xylene	mg/Kg	10[d]	200[e]	--	--	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0024)	ND(0.0020)	ND(0.0019)	ND(0.0024)	ND(0.0025)	ND(0.0028)	ND(0.0027)	ND(0.0031)	ND(0.0042)	ND(0.0034)	ND(0.0030)	ND(0.0029)	ND(0.0027)	ND(0.0026)	ND(0.0070)	ND(0.0012)	ND(0.0029)
Methylene Chloride	mg/Kg	0.001	0.02	--	--	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0052)	ND(0.0059)	ND(0.0051)	ND(0.0048)	ND(0.0060)	ND(0.0061)	ND(0.0070)	ND(0.0068)	ND(0.0077)	ND(0.010)	ND(0.0086)	ND(0.0075)	ND(0.0072)	ND(0.0067)	ND(0.0064)	ND(0.017)	ND(0.0031)	ND(0.0072)
Methyl-t-Butyl Ether (MTBE)	mg/Kg	--	--	0.0032	0.064	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
Naphthalene	mg/Kg	4	80	--	--	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0021)	ND(0.0024)	ND(0.0020)	ND(0.0019)	ND(0.0024)	ND(0.0025)	ND(0.0028)	ND(0.0027)	ND(0.0031)	ND(0.0042)	ND(0.0034)	ND(0.0030)	ND(0.0029)	ND(0.0027)	ND(0.0026)	ND(0.0070)	ND(0.0012)	ND(0.0029)
Nitrate as N	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
n-Butylbenzene	mg/Kg	--	--	0.32	6.4	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
N-Propylbenzene	mg/Kg	--	--	0.12	2.4	NA	NA	NA	NA	**7.5**	**9.6**	**12**	**13**	ND(200)	**13**	**15**	**10**	**9.2**	**12**	**15**	**7.4**	**2.5**	**ND(1.1)**	**ND(1.1)**	**1.5J**	ND(1.1)	ND(1.1)
o-Xylene	mg/Kg	9	180	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
p-Isopropyltoluene	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
sec-Butylbenzene	mg/Kg	--	--	0.59	11.8	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
Styrene	mg/Kg	0.2	4	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
Sulfate	mg/Kg	--	--	--	--	NA	NA	NA	NA	**330**	**89**	**150**	**1,100**	**20,000**	**21,000**	**1,100**	**9,900**	**600**	**1,300**	**1,400**	**1,400**	**610**	**390**	**350**	**660**	**250**	**230**
Tert-amyl-methyl ether (TAME)	mg/Kg	--	--	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
tert-Butyl alcohol (TBA)	mg/Kg	--	--	--	--	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.010)	ND(0.012)	ND(0.01)	ND(0.0096)	ND(0.012)	ND(0.012)	ND(0.014)	ND(0.014)	ND(0.015)	ND(0.021)	ND(0.017)	ND(0.015)	ND(0.014)	ND(0.013)	ND(0.013)	ND(0.035)	ND(0.0062)	ND(0.014)
tert-Butylbenzene	mg/Kg	--	--	0.16	3.2	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
Tetrachloroethene	mg/Kg	0.003	0.06	--	--	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0010)	ND(0.0012)	ND(0.0010)	ND(0.00096)	ND(0.0012)	ND(0.0012)	ND(0.0014)	ND(0.0014)	ND(0.0015)	ND(0.0021)	ND(0.0017)	ND(0.0015)	ND(0.0014)	ND(0.0013)	ND(0.0013)	ND(0.0035)	ND(0.00062)	ND(0.0014)
Toluene	mg/Kg

Discrete-Depth Groundwater Analytical Results

Analyte	Units	BCL[a]	Depth Below Ground Surface																			
			U4U5-5						U4U5-6			U4U5-7			U4U5-8			U4U5-9					
			42'	66'	90'	110'	130'	150'	42'	66'	90'	45'	67.5'	90'	45'	67.5'	90'	46'	68'	90'	110'	130'	150'
Perchlorate	mg/L	0.018	100	140	370	230	110	1.7	270	740	940	390	630	1,600	180	400	1,400	110	150	490	400	2.1	0.30
Hexavalent chromium	mg/L	0.1	4.8	4.4	17	11	6.1	0.060	3.5	10	27	7.3	9.4	50	5.6	8.8	49	4.4	4.5	15	7.7H	0.021	0.025
Chromium	mg/L	0.1	4.4	3.8	18	12	5.7	0.17	3.0	9.7	22	7.4	9.5	51	5.4	7.8B	49	4.8	4.1	17	6.3	0.18	0.22
Total Dissolved Solids	mg/L	--	5,000	5,700	9,800	9,400	3,600	760	6,300	9,800	13,000	7,200	7,700	22,000	5,500	6,500	22,000	4,800	4,400	7,800	5,100	740	630
1,1,1,2-Tetrachloroethane	mg/L	0.000605	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
1,1,1-Trichloroethane	mg/L	0.2	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
1,1,2,2-Tetrachloroethane	mg/L	0.0000775	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
1,1,2-Trichloroethane	mg/L	0.005	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
1,1-Dichloroethane	mg/L	0.00279	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
1,1-Dichloroethene	mg/L	0.007	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
1,1-Dichloropropene	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
1,2,3-Trichlorobenzene	mg/L	--	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.0004)	ND(0.00040)	ND(0.00080)	ND(0.0020)	ND(0.0040)	ND(0.0020)	ND(0.0020)	ND(0.016)	ND(0.0016)	ND(0.0020)	ND(0.016)	ND(0.00040)	ND(0.0010)	ND(0.0040)	ND(0.0020)	ND(0.00040)	ND(0.00040)
1,2,3-Trichloropropane	mg/L	0.0000026	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.0004)	ND(0.00040)	ND(0.00080)	ND(0.0020)	ND(0.0040)	ND(0.0020)	ND(0.0020)	ND(0.016)	ND(0.0016)	ND(0.0020)	ND(0.016)	ND(0.00040)	ND(0.0010)	ND(0.0040)	ND(0.0020)	ND(0.00040)	ND(0.00040)
1,2,4-Trichlorobenzene	mg/L	0.07	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.0004)	ND(0.00040)	ND(0.00080)	ND(0.0020)	ND(0.0040)	ND(0.0020)	ND(0.0020)	ND(0.016)	ND(0.0016)	ND(0.0020)	ND(0.016)	ND(0.00040)	ND(0.0010)	ND(0.0040)	ND(0.0020)	ND(0.00040)	ND(0.00040)
1,2,4-Trimethylbenzene	mg/L	0.0146	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
1,2-Dibromo-3-Chloropropane	mg/L	0.000001	ND(0.00050)*	ND(0.00050)	ND(0.00050)	ND(0.0020)	ND(0.0005)	ND(0.00050)	ND(0.0010)	ND(0.0025)	ND(0.0050)	ND(0.0025)	ND(0.0025)	ND(0.020)	ND(0.0020)	ND(0.0025)	ND(0.020)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.0025)	ND(0.00050)	ND(0.00050)
1,2-Dibromoethane (EDB)	mg/L	0.00000755	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
1,2-Dichlorobenzene	mg/L	0.6	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
1,2-Dichloroethane	mg/L	0.005	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
1,2-Dichloropropane	mg/L	0.005	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
1,3,5-Trimethylbenzene	mg/L	0.0145	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
1,3-Dichlorobenzene	mg/L	0.0807	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
1,3-Dichloropropane	mg/L	0.00824	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
1,4-Dichlorobenzene	mg/L	0.075	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
2,2-Dichloropropane	mg/L	--	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.0004)	ND(0.00040)	ND(0.00080)	ND(0.0020)	ND(0.0040)	ND(0.0020)	ND(0.0020)	ND(0.016)	ND(0.0016)	ND(0.0020)	ND(0.016)	ND(0.00040)	ND(0.0010)	ND(0.0040)	ND(0.0020)	ND(0.00040)	ND(0.00040)
2-Butanone (MEK)	mg/L	7	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.010)	ND(0.0025)	**0.0033J**	ND(0.0050)	ND(0.013)	ND(0.025)	ND(0.013)	ND(0.013)	ND(0.10)	ND(0.010)	ND(0.013)	ND(0.10)	ND(0.0025)	ND(0.0063)	ND(0.025)	ND(0.013)	ND(0.0025)	ND(0.0025)
2-Chlorotoluene	mg/L	0.0902	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
2-Hexanone	mg/L	0.0626	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.010)	ND(0.0025)	ND(0.0025)	ND(0.0050)	ND(0.013)	ND(0.025)	ND(0.013)	ND(0.013)	ND(0.10)	ND(0.010)	ND(0.013)	ND(0.10)	ND(0.0025)	ND(0.0063)	ND(0.025)	ND(0.013)	ND(0.0025)	ND(0.0025)
4-Chlorotoluene	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
4-Methyl-2-pentanone (MIBK)	mg/L	2	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.010)	ND(0.0025)	ND(0.0025)	ND(0.0050)	ND(0.013)	ND(0.025)	ND(0.013)	ND(0.013)	ND(0.10)	ND(0.010)	ND(0.013)	ND(0.10)	ND(0.0025)	ND(0.0063)	ND(0.025)	ND(0.013)	ND(0.0025)	ND(0.0025)
Acetone	mg/L	21	**0.035**	**0.016J**	**0.029**	ND(0.040)	**0.013J**	**0.012J**	ND(0.020)	ND(0.050)	ND(0.10)	ND(0.050)	ND(0.050)	ND(0.40)	ND(0.040)	ND(0.050)	ND(0.40)	ND(0.010)	ND(0.025)	ND(0.10)	ND(0.050)	ND(0.010)	ND(0.010)
Benzene	mg/L	0.005	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
Bromobenzene	mg/L	0.0852	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
Bromochloromethane	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
Bromodichloromethane	mg/L	0.000135	ND(0.00025)	**0.00028J**	**0.00084**	ND(0.0010)	**0.00038J**	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	**0.00057**	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
Bromoform	mg/L	0.00986	ND(0.00040)	ND(0.00040)	**0.00060J**	ND(0.0016)	ND(0.0004)	ND(0.00040)	ND(0.00080)	ND(0.0020)	ND(0.0040)	ND(0.0020)	ND(0.0020)	ND(0.016)	ND(0.0016)	ND(0.0020)	ND(0.016)	ND(0.00040)	ND(0.0010)	ND(0.0040)	ND(0.0020)	ND(0.00040)	ND(0.00040)
Bromomethane	mg/L	0.00853	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
Carbon tetrachloride	mg/L	0.005	ND(0.00025)	ND(0.00025)	**0.00054**	ND(0.0010)	**0.00056**	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
Chlorate	mg/L	--	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**3,200**	**5,600**	**1,800**	**2,300**	**10,000**	**1,300**	**1,800**	**10,000**	**880**	**870**	**3,000**	**2,200**	**7.5**	**1.0**
Chlorobenzene	mg/L	0.1	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
Chloroethane	mg/L	0.0269	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.0004)	ND(0.00040)	ND(0.00080)	ND(0.0020)	ND(0.0040)	ND(0.0020)	ND(0.0020)	ND(0.016)	ND(0.0016)	ND(0.0020)	ND(0.016)	ND(0.00040)	ND(0.0010)	ND(0.0040)	ND(0.0020)	ND(0.00040)	ND(0.00040)
Chloroform	mg/L	0.000223	**0.120**	**0.190**	**0.690**	**0.440**	**0.140**	**0.0031**	**0.190**	**0.480**	**0.770**	**0.660**	**0.550**	**3.600**	**0.330**	**0.490**	**3.600**	**0.270**	**0.270**	**1.200**	**0.400**	**0.00026J**	ND(0.00025)
Chloromethane	mg/L	0.00312	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	**0.0089**	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
cis-1,2-Dichloroethene	mg/L	0.07	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
cis-1,3-Dichloropropene	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
Dibromochloromethane	mg/L	0.00017	ND(0.00025)	ND(0.00025)	**0.00039J**	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
Dibromomethane	mg/L	0.00814	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
Dichlorodifluoromethane	mg/L	0.393	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.0004)	ND(0.00040)	ND(0.00080)	ND(0.0020)	ND(0.0040)	ND(0.0020)	ND(0.0020)	ND(0.016)	ND(0.0016)	ND(0.0020)	ND(0.016)	ND(0.00040)	ND(0.0010)	ND(0.0040)	ND(0.0020)	ND(0.00040)	ND(0.00040)
Ethylbenzene	mg/L	0.7	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
Ethyl-t-butyl ether (ETBE)	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
Hexachlorobutadiene	mg/L	0.000999	ND(0.00025)*	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
Isopropyl Ether (DIPE)	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
Isopropylbenzene	mg/L	0.667	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
m,p-Xylene	mg/L	1	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0020)	ND(0.0005)	ND(0.00050)	ND(0.0010)	ND(0.0025)	ND(0.0050)	ND(0.0025)	ND(0.0025)	ND(0.020)	ND(0.0020)	ND(0.0025)	ND(0.020)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.0025)	ND(0.00050)	ND(0.00050)
Methylene Chloride	mg/L	0.005	ND(0.00088)	**0.0013J**	**0.0014J**	ND(0.0035)	ND(0.00088)	ND(0.00088)	ND(0.0018)	ND(0.0044)	ND(0.0088)	ND(0.0044)	ND(0.0044)	ND(0.035)	**0.0043J**	ND(0.0044)	ND(0.035)	ND(0.00088)	ND(0.0022)	ND(0.0088)	ND(0.0044)	ND(0.00088)	ND(0.00088)
Methyl-t-Butyl Ether (MTBE)	mg/L	0.0144	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	**0.00075**	ND(0.00025)
Naphthalene	mg/L	0.000165	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.0004)	ND(0.00040)	ND(0.00080)	ND(0.0020)	ND(0.0040)	ND(0.0020)	ND(0.0020)	ND(0.016)	ND(0.0016)	ND(0.0020)	ND(0.016)	ND(0.00040)	ND(0.0010)	ND(0.0040)	ND(0.0020)	ND(0.00040)	ND(0.00040)
n-Butylbenzene	mg/L	0.238	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.0004)	ND(0.00040)	ND(0.00080)	ND(0.0020)	ND(0.0040)	ND(0.0020)	ND(0.0020)	ND(0.016)	ND(0.0016)	ND(0.0020)	ND(0.016)	ND(0.00040)	ND(0.0010)	ND(0.0040)	ND(0.0020)	ND(0.00040)	ND(0.00040)
N-Propylbenzene	mg/L	0.238	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
Nitrate as N	mg/L	--	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**11H**	**15H**	**8.1**	**7.5**	**31F1**	**10**	**6.0**	**39**	**10**	**3.7**	**9.9**	**7.8**	**1.8**	**1.6**
o-Xylene	mg/L	1	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
p-Isopropyltoluene	mg/L	0.834	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
sec-Butylbenzene	mg/L	0.238	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
Styrene	mg/L	0.1	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
Sulfate	mg/L	--	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**1,700**	**1,600**	**1,900**	**1,500**	**1,400**	**1,500**	**1400**	**1,600**	**1,500**	**1,400**	**1,300**	**390**	**200**	**180**
Tert-amyl-methyl ether (TAME)	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
tert-Butyl alcohol (TBA)	mg/L	63	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.020)	ND(0.005)	ND(0.0050)	ND(0.010)	ND(0.025)	ND(0.050)	ND(0.025)	ND(0.025)	ND(0.20)	ND(0.020)	ND(0.025)	ND(0.20)	ND(0.0050)	ND(0.013)	ND(0.05)	ND(0.025)	ND(0.0050)	ND(0.0050)
tert-Butylbenzene	mg/L	0.238	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
Tetrachloroethene	mg/L	0.005	**0.00032J**	**0.00073**	**0.00065**	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	**0.00029J**	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
Toluene	mg/L	1	ND(0.00025)	ND(0.00025)	**0.00061**	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
trans-1,2-Dichloroethene	mg/L	0.1	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
trans-1,3-Dichloropropene	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
Trichloroethene	mg/L	0.005	ND(0.00025)	ND(0.00025)	**0.00028J**	**0.0012J**	**0.00036J**	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
Trichlorofluoromethane	mg/L	1	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
Vinyl chloride	mg/L	0.002	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0025)	ND(0.0013)	ND(0.0013)	ND(0.010)	ND(0.0010)	ND(0.0013)	ND(0.010)	ND(0.00025)	ND(0.00063)	ND(0.0025)	ND(0.0013)	ND(0.00025)	ND(0.00025)
Xylenes, Total	mg/L	10	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0020)	ND(0.0005)	ND(0.00050)	ND(0.0010)	ND(0.0025)	ND(0.0050)	ND(0.0025)	ND(0.0025)	ND(0.020)	ND(0.0020)	ND(0.0025)	ND(0.020)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.0025)	ND(0.00050)	ND(0.00050)

Notes:
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the BCL
* - LCS or LCSD is outside acceptance limits
a - The BCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The BCL for m-xylene is 1,200 µg/L and the BCL for p-xylene is 1,200 µg/L
c - VOCs were not analyzed for the sample collected at 50 feet bgs from U4U5-26 due to laboratory mishandling of the sample
B - Compound was found in the blank and sample
BCL - Basic Comparison Level
F1 - MS and/or MSD Recovery is outside acceptance limits
H - Sample was prepped or analyzed beyond the specified holding time
ID - Analyte identified by RT & presence of single mass ion
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
LCS - La

Discrete-Depth Groundwater Analytical Results

Analyte	Units	BCL[a]	Depth Below Ground Surface																	
			U4U5-10			U4U5-11			U4U5-12			U4U5-13			U4U5-14			U4U5-15		
			43'	66.5'	90'	43'	66.5'	90'	50'	70'	90'	50'	70'	90'	50'	70'	90'	50'	70'	90'
Perchlorate	mg/L	0.018	**570**	**180**	**250**	**360**	**350**	**2,200**	**210**	**300**	**5,200**	**47**	**77**	**920**	**49**	**85**	**710**	**87**	**100**	**530**
Hexavalent chromium	mg/L	0.1	**4.2**	**2.6**	ND(0.00025)	**0.75**	**1.4**	**6.5**	**0.44**	**0.66**	**36**	**0.30**	**0.80**	**17**	**1.2**	**3.2**	**10**	**1.8**	**4.7**	**15**
Chromium	mg/L	0.1	**4.0**	**2.6**	**1.4**	**0.79**	**1.4**	**1.6**	**0.48**	**0.96**	**33**	**0.48**	**1.1**	**16**	**1.5**	**3.9**	**9.5**	**2.5B**	**4.8B**	**20**
Total Dissolved Solids	mg/L	--	**5,300**	**3,900**	**4,700**	**4,300**	**3,500**	**7,600**	**3,300**	**3,700**	**28,000**	**3,500**	**3,400**	**9,300**	**3,400**	**4,000**	**10,000**	**4,600**	**4,200**	**11,000**
1,1,1,2-Tetrachloroethane	mg/L	0.000605	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
1,1,1-Trichloroethane	mg/L	0.2	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
1,1,2,2-Tetrachloroethane	mg/L	0.0000775	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
1,1,2-Trichloroethane	mg/L	0.005	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
1,1-Dichloroethane	mg/L	0.00279	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
1,1-Dichloroethene	mg/L	0.007	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
1,1-Dichloropropene	mg/L	--	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
1,2,3-Trichlorobenzene	mg/L	--	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00080)	ND(0.0020)	ND(0.0080)	ND(0.00040)	ND(0.00080)	ND(0.0040)
1,2,3-Trichloropropane	mg/L	0.0000026	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
1,2,4-Trichlorobenzene	mg/L	0.07	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00080)	ND(0.0020)	ND(0.0080)	ND(0.00040)	ND(0.00080)	ND(0.0040)
1,2,4-Trimethylbenzene	mg/L	0.0146	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
1,2-Dibromo-3-Chloropropane	mg/L	0.000001	ND(0.0010)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0020)	ND(0.00050)	ND(0.00050)	ND(0.0050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0010)	ND(0.0025)	ND(0.010)	ND(0.00050)	ND(0.0010)	ND(0.0050)
1,2-Dibromoethane (EDB)	mg/L	0.00000755	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
1,2-Dichlorobenzene	mg/L	0.6	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
1,2-Dichloroethane	mg/L	0.005	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
1,2-Dichloropropane	mg/L	0.005	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
1,3,5-Trimethylbenzene	mg/L	0.0145	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
1,3-Dichlorobenzene	mg/L	0.0807	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
1,3-Dichloropropane	mg/L	0.00824	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
1,4-Dichlorobenzene	mg/L	0.075	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
2,2-Dichloropropane	mg/L	--	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00080)	ND(0.0020)	ND(0.0080)	ND(0.00040)	ND(0.00080)	ND(0.0040)
2-Butanone (MEK)	mg/L	7	ND(0.0050)	ND(0.0025)	**0.0057**	ND(0.0025)	ND(0.0025)	ND(0.010)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	**0.011**	ND(0.0050)	ND(0.013)	ND(0.050)	ND(0.0025)	ND(0.0050)	ND(0.025)
2-Chlorotoluene	mg/L	0.0902	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
2-Hexanone	mg/L	0.0626	ND(0.0050)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.010)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	**0.0062**	ND(0.0050)	ND(0.013)	ND(0.050)	ND(0.0025)	ND(0.0050)	ND(0.025)
4-Chlorotoluene	mg/L	--	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
4-Methyl-2-pentanone (MIBK)	mg/L	2	ND(0.0050)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.010)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0050)	ND(0.013)	ND(0.050)	ND(0.0025)	ND(0.0050)	ND(0.025)
Acetone	mg/L	21	ND(0.020)	ND(0.010)	**0.034**	ND(0.010)	ND(0.010)	ND(0.040)	ND(0.010)	ND(0.010)	ND(0.10)	**0.029**	ND(0.010)	**0.045**	ND(0.020)	ND(0.050)	ND(0.20)	ND(0.010)	**0.026J**	ND(0.10)
Benzene	mg/L	0.005	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
Bromobenzene	mg/L	0.0852	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
Bromochloromethane	mg/L	--	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
Bromodichloromethane	mg/L	0.000135	ND(0.00050)	**0.00027J**	ND(0.00025)	**0.00042J**	**0.00034J**	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
Bromoform	mg/L	0.00986	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00080)	ND(0.0020)	ND(0.0080)	**0.00094J**	ND(0.00080)	ND(0.0040)
Bromomethane	mg/L	0.00853	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
Carbon tetrachloride	mg/L	0.005	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
Chlorate	mg/L	--	**1,100**	**570**	**600**	**440**	**430**	**4,400**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
Chlorobenzene	mg/L	0.1	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
Chloroethane	mg/L	0.0269	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00080)	ND(0.0020)	ND(0.0080)	ND(0.00040)	ND(0.00080)	ND(0.0040)
Chloroform	mg/L	0.000223	**0.140**	**0.100**	**0.099**	**0.059**	**0.059**	**0.390**	**0.018**	**0.026**	**0.990**	**0.070**	**0.086**	**0.16**	**0.11**	**0.21**	**0.78**	**0.14**	**0.24**	**0.53**
Chloromethane	mg/L	0.00312	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	**0.0019**	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	**0.00081**	ND(0.00025)	**0.00074**	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
cis-1,2-Dichloroethene	mg/L	0.07	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
cis-1,3-Dichloropropene	mg/L	--	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
Dibromochloromethane	mg/L	0.00017	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
Dibromomethane	mg/L	0.00814	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
Dichlorodifluoromethane	mg/L	0.393	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
Ethylbenzene	mg/L	0.7	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
Ethyl-t-butyl ether (ETBE)	mg/L	--	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
Hexachlorobutadiene	mg/L	0.000999	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
Isopropyl Ether (DIPE)	mg/L	--	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
Isopropylbenzene	mg/L	0.667	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
m,p-Xylene	mg/L	1	ND(0.0010)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0020)	ND(0.00050)	ND(0.00050)	ND(0.0050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0010)	ND(0.0025)	ND(0.010)	ND(0.00050)	ND(0.0010)	ND(0.0050)
Methylene Chloride	mg/L	0.005	ND(0.0018)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.0035)	ND(0.00088)	ND(0.00088)	ND(0.0088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.0018)	ND(0.0044)	**0.033J**	ND(0.00088)	ND(0.0018)	ND(0.0088)
Methyl-t-Butyl Ether (MTBE)	mg/L	0.0144	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
Naphthalene	mg/L	0.000165	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00080)	ND(0.0020)	ND(0.0080)	ND(0.00040)	ND(0.00080)	ND(0.0040)
n-Butylbenzene	mg/L	0.238	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00080)	ND(0.0020)	ND(0.0080)	ND(0.00040)	ND(0.00080)	ND(0.0040)
N-Propylbenzene	mg/L	0.238	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
Nitrate as N	mg/L	--	**11**	**2.4**	**2.8**	**7.0**	**2.2**	**8.1**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
o-Xylene	mg/L	1	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
p-Isopropyltoluene	mg/L	0.834	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	**0.0019**	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
sec-Butylbenzene	mg/L	0.238	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
Styrene	mg/L	0.1	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
Sulfate	mg/L	--	**1,500**	**1,400**	**1,900**	**1,300**	**1,200**	**980**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
Tert-amyl-methyl ether (TAME)	mg/L	--	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
tert-Butyl alcohol (TBA)	mg/L	63	ND(0.010)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.020)	ND(0.0050)	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.025)	ND(0.10)	ND(0.0050)	ND(0.010)	ND(0.050)
tert-Butylbenzene	mg/L	0.238	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
Tetrachloroethene	mg/L	0.005	ND(0.00050)	ND(0.00025)	ND(0.00025)	**0.00046J**	**0.00034J**	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	**0.00031J**	ND(0.00050)	ND(0.0025)
Toluene	mg/L	1	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
trans-1,2-Dichloroethene	mg/L	0.1	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
trans-1,3-Dichloropropene	mg/L	--	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
Trichloroethene	mg/L	0.005	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
Trichlorofluoromethane	mg/L	1	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
Vinyl chloride	mg/L	0.002	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00050)	ND(0.0013)	ND(0.0050)	ND(0.00025)	ND(0.00050)	ND(0.0025)
Xylenes, Total	mg/L	10	ND(0.0010)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0020)	ND(0.00050)	ND(0.00050)	ND(0.0050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0010)	ND(0.0025)	ND(0.010)	ND(0.00050)	ND(0.0010)	ND(0.0050)

Notes:
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the BCL
* - LCS or LCSD is outside acceptance limits
a - The BCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The BCL for m-xylene is 1,200 µg/L and the BCL for p-xylene is 1,200 µg/L
c - VOCs were not analyzed for the sample collected at 50 feet bgs from U4U5-26 due to laboratory mishandling of the sample
B - Compound was found in the blank and sample
BCL - Basic Comparison Level
F1 - MS and/or MSD Recovery is outside acceptance limits
H - Sample was prepped or analyzed beyond the specified holding time
ID - Analyte identified by RT & presence of single mass ion
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
MS/MSD - Matrix Spike/Matrix Spike Duplicate
mg/L - milligram per liter
ND (0.25) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RT - retention time
VOCs - Volatile Organic Compounds

Analyte	Units	BCL[a]	Depth Below Ground Surface																				
			U4U5-16						U4U5-17			U4U5-18			U4U5-19			U4U5-20			U4U5-21		
			46'	68'	90'	110'	130'	150'	60'	75'	90'	50'	70'	90'	50'	70'	90'	42.5'	66.5'	90'	34'	58'	82'
Perchlorate	mg/L	0.018	100	28	26	540	15	0.510	14	25	23	38	45	120	780	310	200	71	190	320	150	24	550
Hexavalent chromium	mg/L	0.1	0.98	1.8	2.0	28	0.035	0.017	0.84	2.4	0.96	0.65	0.16	9.8	0.64B	0.72	10	42	5.1	8.1	5.7	1.0	12
Chromium	mg/L	0.1	1.8	2.7	1.9	26	0.14	0.095	0.92	2.4	1.9B	0.80	0.62	11	0.91	1.1	10	38	4.3	9.4	12	1.0	12
Total Dissolved Solids	mg/L	--	3,200	2,800	2,200	13,000	890	1,800	430	3,500	2,300	3,100	4,000	5,600	5,100	3,400	5,800	24,000	5,600	6,400	7,800	3,000	17,000
1,1,1,2-Tetrachloroethane	mg/L	0.000605	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)
1,1,1-Trichloroethane	mg/L	0.2	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0013)*	ND(0.00063)*	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)*	ND(0.00025)*	ND(0.0025)*	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)
1,1,2,2-Tetrachloroethane	mg/L	0.0000775	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)
1,1,2-Trichloroethane	mg/L	0.005	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)
1,1-Dichloroethane	mg/L	0.00279	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)
1,1-Dichloroethene	mg/L	0.007	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)
1,1-Dichloropropene	mg/L	--	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)
1,2,3-Trichlorobenzene	mg/L	--	ND(0.00040)	ND(0.0010)	ND(0.0010)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.0040)	ND(0.00040)	ND(0.00080)	ND(0.010)	ND(0.0010)	ND(0.0020)
1,2,3-Trichloropropane	mg/L	0.0000026	ND(0.00040)	ND(0.0010)	ND(0.0010)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.0013)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00080)	ND(0.010)	ND(0.0010)	ND(0.0020)
1,2,4-Trichlorobenzene	mg/L	0.07	ND(0.00040)	ND(0.0010)	ND(0.0010)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.0040)	ND(0.00040)	ND(0.00080)	ND(0.010)	ND(0.0010)	ND(0.0020)
1,2,4-Trimethylbenzene	mg/L	0.0146	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)
1,2-Dibromo-3-Chloropropane	mg/L	0.000001	ND(0.00050)	ND(0.0013)	ND(0.0013)	ND(0.0050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0013)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0050)	ND(0.00050)	ND(0.00050)	ND(0.0050)	ND(0.0050)	ND(0.00050)	ND(0.0010)	ND(0.013)	ND(0.0013)	ND(0.0025)
1,2-Dibromoethane (EDB)	mg/L	0.00000755	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)
1,2-Dichlorobenzene	mg/L	0.6	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)
1,2-Dichloroethane	mg/L	0.005	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)
1,2-Dichloropropane	mg/L	0.005	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)
1,3,5-Trimethylbenzene	mg/L	0.0145	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)
1,3-Dichlorobenzene	mg/L	0.0807	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)
1,3-Dichloropropane	mg/L	0.00824	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)
1,4-Dichlorobenzene	mg/L	0.075	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)
2,2-Dichloropropane	mg/L	--	ND(0.00040)	ND(0.0010)	ND(0.0010)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.0040)	ND(0.00040)	ND(0.00080)	ND(0.010)	ND(0.0010)	ND(0.0020)
2-Butanone (MEK)	mg/L	7	ND(0.0025)	ND(0.0063)	ND(0.0063)	ND(0.025)	ND(0.0025)	**0.0054**	ND(0.013)	ND(0.0063)	ND(0.0025)	ND(0.0025)	**0.0032J**	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)	ND(0.0050)	ND(0.063)	ND(0.0063)	ND(0.013)
2-Chlorotoluene	mg/L	0.0902	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)
2-Hexanone	mg/L	0.0626	ND(0.0025)	ND(0.0063)	ND(0.0063)	ND(0.025)	ND(0.0025)	**0.0042J**	ND(0.0025)	ND(0.0063)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)	ND(0.0050)	ND(0.063)	ND(0.0063)	ND(0.013)
4-Chlorotoluene	mg/L	--	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)
4-Methyl-2-pentanone (MIBK)	mg/L	2	ND(0.0025)	ND(0.0063)	ND(0.0063)	ND(0.025)	ND(0.0025)	**0.0035J**	ND(0.013)	ND(0.0063)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.025)	ND(0.0025)	ND(0.0050)	ND(0.063)	ND(0.0063)	ND(0.013)
Acetone	mg/L	21	**0.015J**	ND(0.025)	**0.055**	ND(0.10)	**0.026**	**0.092F1**	ND(0.010)	ND(0.025)	**0.018J**	ND(0.010)	ND(0.010)	ND(0.10)	ND(0.010)	ND(0.010)	ND(0.10)	ND(0.10)	ND(0.010)	ND(0.020)	ND(0.25)	ND(0.025)	ND(0.050)
Benzene	mg/L	0.005	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)
Bromobenzene	mg/L	0.0852	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)
Bromochloromethane	mg/L	--	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)
Bromodichloromethane	mg/L	0.000135	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	**0.00057**	**0.00055J**	ND(0.0063)	ND(0.00063)	ND(0.0013)
Bromoform	mg/L	0.00986	ND(0.00040)	ND(0.0010)	ND(0.0010)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.0020)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.0040)	ND(0.00040)	ND(0.00080)	ND(0.010)	ND(0.0010)	ND(0.0020)
Bromomethane	mg/L	0.00853	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)
Carbon tetrachloride	mg/L	0.005	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)
Chlorate	mg/L	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	mg/L	0.1	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)
Chloroethane	mg/L	0.0269	ND(0.00040)	ND(0.0010)	ND(0.0010)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.0020)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.0040)	ND(0.00040)	ND(0.00080)	ND(0.010)	ND(0.0010)	ND(0.0020)
Chloroform	mg/L	0.000223	**0.093**	**0.220**	**0.120**	**0.740F1**	**0.0084**	ND(0.00025)	**0.13**	**0.23**	**0.12**	**0.051**	**0.093**	**0.56**	**0.096**	**0.054**	**0.45**	**0.51**	**0.069**	**0.23**	**0.97**	**0.11**	**0.45**
Chloromethane	mg/L	0.00312	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	**0.012J**	ND(0.00063)	**0.0051**
cis-1,2-Dichloroethene	mg/L	0.07	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)
cis-1,3-Dichloropropene	mg/L	--	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)
Dibromochloromethane	mg/L	0.00017	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)
Dibromomethane	mg/L	0.00814	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)
Dichlorodifluoromethane	mg/L	0.393	ND(0.00040)	ND(0.0010)	ND(0.0010)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.0013)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0040)	ND(0.00040)	ND(0.00080)	ND(0.010)	ND(0.0010)	ND(0.0020)
Ethylbenzene	mg/L	0.7	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)
Ethyl-t-butyl ether (ETBE)	mg/L	--	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)
Hexachlorobutadiene	mg/L	0.000999	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)
Isopropyl Ether (DIPE)	mg/L	--	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)
Isopropylbenzene	mg/L	0.667	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)
m,p-Xylene	mg/L	1	ND(0.00050)	ND(0.0013)	ND(0.0013)	ND(0.0050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0013)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0050)	ND(0.00050)	ND(0.00050)	ND(0.0050)	ND(0.0050)	ND(0.00050)	ND(0.0010)	ND(0.013)	ND(0.0013)	ND(0.0025)
Methylene Chloride	mg/L	0.005	ND(0.00088)	**0.0039J**	**0.0041J**	ND(0.0088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.0022)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.0088)	ND(0.00088)	ND(0.00088)	ND(0.0088)	ND(0.0088)	ND(0.00088)	ND(0.0018)	ND(0.022)	ND(0.0022)	ND(0.0044)
Methyl-t-Butyl Ether (MTBE)	mg/L	0.0144	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)
Naphthalene	mg/L	0.000165	ND(0.00040)	ND(0.0010)	ND(0.0010)	ND(0.0040)	ND(0.00040)	**0.00048J**	ND(0.0020)	ND(0.0010)	ND(0.00040)	ND(0.00040)	**0.00044J**	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	**0.0041J**	ND(0.00040)	ND(0.00080)	ND(0.010)	ND(0.0010)	ND(0.0020)
n-Butylbenzene	mg/L	0.238	ND(0.00040)	ND(0.0010)	ND(0.0010)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0020)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.0040)	ND(0.00040)	ND(0.00080)	ND(0.010)	ND(0.0010)	ND(0.0020)
N-Propylbenzene	mg/L	0.238	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)
Nitrate as N	mg/L	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	mg/L	1	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)
p-Isopropyltoluene	mg/L	0.834	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)
sec-Butylbenzene	mg/L	0.238	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)
Styrene	mg/L	0.1	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)
Sulfate	mg/L	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tert-amyl-methyl ether (TAME)	mg/L	--	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)
tert-Butyl alcohol (TBA)	mg/L	63	ND(0.0050)	ND(0.013)	ND(0.013)	ND(0.050)	ND(0.0050)	**0.017**	ND(0.0050)	ND(0.013)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)	ND(0.050)	ND(0.050)	ND(0.0050)	ND(0.010)	ND(0.13)	ND(0.013)	ND(0.025)
tert-Butylbenzene	mg/L	0.238	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)
Tetrachloroethene	mg/L	0.005	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	**0.00038J**	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	**0.0009**	**0.00068J**	ND(0.0063)	ND(0.00063)	ND(0.0013)
Toluene	mg/L	1	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	**0.00079**	**0.014**	**0.0041J**	**0.00045J**	**0.0017**	ND(0.0025)	**0.0029J**	**0.0012**	**0.012B**	ND(0.0063)	**0.0016**	**0.013**
trans-1,2-Dichloroethene	mg/L	0.1	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)
trans-1,3-Dichloropropene	mg/L	--	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)
Trichloroethene	mg/L	0.005	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)
Trichlorofluoromethane	mg/L	1	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)
Vinyl chloride	mg/L	0.002	ND(0.00025)	ND(0.00063)	ND(0.00063)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.0025)	ND(0.00025)	ND(0.00050)	ND(0.0063)	ND(0.00063)	ND(0.0013)
Xylenes, Total	mg/L	10	ND(0.00050)	ND(0.0013)	ND(0.0013)	ND(0.0050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0013)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0050)	ND(0.00050)	ND(0.00050)	ND(0.0050)	ND(0.0050)	ND(0.00050)	ND(0.0010)	ND(0.013)	ND(0.0013)	ND(0.0025)

Notes:
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the BCL
* - LCS or LCSD is outside acceptance limits
a - The BCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The BCL for m-xylene is 1,200 µg/L and the BCL for p-xylene is 1,200 µg/L
c - VOCs were not analyzed for the sample collected at 50 feet bgs from U4U5-26 due to laboratory mishandling of the sample
B - Compound was found in the blank and sample
BCL - Basic Comparison Level
F1 - MS and/or MSD Recovery is outside acceptance limits
H - Sample was prepped or analyzed beyond the specified holding time
ID - Analyte identified by RT & presence of single mass ion
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
L

Analyte	Units	BCL[a]	Depth Below Ground Surface																			
			U4U5-22			U4U5-23			U4U5-24			U4U5-25			U4U5-26[c]			U4U5-27					
			34'	58'	82'	33'	57.5'	82'	35'	58.5'	82'	45'	67.5'	90'	50'	70'	90'	40'	65'	90'	110'	130'	150'
Perchlorate	mg/L	0.018	150	29	3300	42	17	2500	170	30	130	230	22	1,500	250	17	13	150	8.8	830	2800	84	1.4
Hexavalent chromium	mg/L	0.1	7.3	0.34H	110	2.2	0.34	62	4.8	0.51	0.18	0.61H	0.21	0.0082	0.24	0.18	1.3	5.7	0.084H	27	86	0.50	0.042F1
Chromium	mg/L	0.1	7.1	0.31	110	2.2	0.34	59	5.2	0.57	1.0	0.94	0.32	0.69	0.31	0.21	1.5	5.8	0.11	25	72	0.63	0.14
Total Dissolved Solids	mg/L	--	7,200	4,700	48,000	4,400	4,700	26,000	4,400	2,300	3,100	3,600	2,100	7,100	2,700	1,700	2,100	6,700	3,700	14,000	39,000	4,000	1,100
1,1,1,2-Tetrachloroethane	mg/L	0.000605	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
1,1,1-Trichloroethane	mg/L	0.2	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
1,1,2,2-Tetrachloroethane	mg/L	0.0000775	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
1,1,2-Trichloroethane	mg/L	0.005	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
1,1-Dichloroethane	mg/L	0.00279	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
1,1-Dichloroethene	mg/L	0.007	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
1,1-Dichloropropene	mg/L	--	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
1,2,3-Trichlorobenzene	mg/L	--	ND(0.0040)	ND(0.00040)	ND(0.0040)	ND(0.00080)	ND(0.00040)	ND(0.020)	ND(0.0010)	ND(0.00040)	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.0016)	NA	ND(0.00040)	ND(0.00040)	ND(0.0020)	ND(0.00040)	ND(0.0080)	ND(0.010)	ND(0.00040)	ND(0.00040)
1,2,3-Trichloropropane	mg/L	0.0000026	ND(0.0040)	ND(0.00040)	ND(0.0040)	ND(0.00080)	ND(0.00040)	ND(0.020)	ND(0.0010)	ND(0.00040)	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.0016)	NA	ND(0.00025)	ND(0.00040)	ND(0.0020)	ND(0.00040)	ND(0.0080)	ND(0.010)	ND(0.00040)	ND(0.00040)
1,2,4-Trichlorobenzene	mg/L	0.07	ND(0.0040)	ND(0.00040)	ND(0.0040)	ND(0.00080)	ND(0.00040)	ND(0.020)	ND(0.0010)	ND(0.00040)	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.0016)	NA	ND(0.00040)	ND(0.00040)	ND(0.0020)	ND(0.00040)	ND(0.0080)	ND(0.010)	ND(0.00040)	ND(0.00040)
1,2,4-Trimethylbenzene	mg/L	0.0146	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
1,2-Dibromo-3-Chloropropane	mg/L	0.000001	ND(0.0050)	ND(0.00050)	ND(0.0050)	ND(0.0010)	ND(0.00050)	ND(0.025)	ND(0.0013)	ND(0.00050)	ND(0.0010)	ND(0.00050)	ND(0.00050)	ND(0.0020)	NA	ND(0.00050)	ND(0.00050)	ND(0.0025)	ND(0.00050)	ND(0.010)	ND(0.013)*	ND(0.00050)	ND(0.00050)
1,2-Dibromoethane (EDB)	mg/L	0.00000755	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
1,2-Dichlorobenzene	mg/L	0.6	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
1,2-Dichloroethane	mg/L	0.005	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
1,2-Dichloropropane	mg/L	0.005	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
1,3,5-Trimethylbenzene	mg/L	0.0145	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
1,3-Dichlorobenzene	mg/L	0.0807	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
1,3-Dichloropropane	mg/L	0.00824	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
1,4-Dichlorobenzene	mg/L	0.075	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
2,2-Dichloropropane	mg/L	--	ND(0.0040)	ND(0.00040)	ND(0.0040)	ND(0.00080)	ND(0.00040)	ND(0.020)	ND(0.0010)	ND(0.00040)	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.0016)	NA	ND(0.00040)	ND(0.00040)	ND(0.0020)	ND(0.00040)	ND(0.0080)	ND(0.010)	ND(0.00040)	ND(0.00040)
2-Butanone (MEK)	mg/L	7	ND(0.025)	ND(0.0025)	ND(0.025)	ND(0.0050)	ND(0.0025)	ND(0.13)	ND(0.0063)	ND(0.0025)	ND(0.0050)	ND(0.0025)	ND(0.0025)	ND(0.010)	NA	ND(0.0025)	ND(0.0025)	ND(0.013)	ND(0.0025)	ND(0.050)	ND(0.063)	ND(0.0025)	ND(0.0025)
2-Chlorotoluene	mg/L	0.0902	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
2-Hexanone	mg/L	0.0626	ND(0.025)	ND(0.0025)	ND(0.025)	ND(0.0050)	ND(0.0025)	ND(0.13)	ND(0.0063)	ND(0.0025)	ND(0.0050)	ND(0.0025)	ND(0.0025)	ND(0.010)	NA	ND(0.0025)	ND(0.0025)	ND(0.013)	ND(0.0025)	ND(0.050)	ND(0.063)	ND(0.0025)	ND(0.0025)
4-Chlorotoluene	mg/L	--	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
4-Methyl-2-pentanone (MIBK)	mg/L	2	ND(0.025)	ND(0.0025)	ND(0.025)	ND(0.0050)	ND(0.0025)	ND(0.13)	ND(0.0063)	ND(0.0025)	ND(0.0050)	ND(0.0025)	ND(0.0025)	ND(0.010)	NA	ND(0.0025)	ND(0.0025)	ND(0.013)	ND(0.0025)	ND(0.050)	ND(0.063)	ND(0.0025)	ND(0.0025)
Acetone	mg/L	21	ND(0.10)	**0.014J**	ND(0.10)	ND(0.020)	**0.020**	ND(0.5)	ND(0.025)	**0.018J**	**0.036J**	ND(0.010)	**0.012J**	ND(0.040)	NA	**0.020**	ND(0.010)	ND(0.050)	ND(0.010)	ND(0.20)	ND(0.25)	**0.023**	**0.019J**
Benzene	mg/L	0.005	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
Bromobenzene	mg/L	0.0852	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
Bromochloromethane	mg/L	--	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
Bromodichloromethane	mg/L	0.000135	ND(0.0025)	ND(0.00025)	**0.010**	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	**0.00039J**	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
Bromoform	mg/L	0.00986	ND(0.0040)	ND(0.00040)	**0.0068J**	ND(0.00080)	ND(0.00040)	ND(0.020)	ND(0.0010)	ND(0.00040)	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.0016)	NA	ND(0.00040)	ND(0.00040)	ND(0.0020)	ND(0.00040)	ND(0.0080)	ND(0.010)	ND(0.00040)	ND(0.00040)
Bromomethane	mg/L	0.00853	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
Carbon tetrachloride	mg/L	0.005	ND(0.0025)	ND(0.00025)	**0.0045J**	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	**0.0027J**	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
Chlorate	mg/L	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	mg/L	0.1	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
Chloroethane	mg/L	0.0269	ND(0.0040)	ND(0.00040)	ND(0.0040)	ND(0.00080)	ND(0.00040)	ND(0.020)	ND(0.0010)	ND(0.00040)	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.0016)	NA	ND(0.00040)	ND(0.00040)	ND(0.0020)	ND(0.00040)	ND(0.0080)	ND(0.010)	ND(0.00040)	ND(0.00040)
Chloroform	mg/L	0.000223	**0.88**	**0.12**	**7.8**	**0.30**	**0.088**	**4.4**	**0.20**	**0.035**	**0.081**	**0.027**	**0.012**	**0.130**	NA	**0.012**	**0.076**	**0.290**	**0.037**	**1.300**	**2.600**	**0.0086**	**0.00035J**
Chloromethane	mg/L	0.00312	**0.0063**	**0.0095**	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	**0.00056**	ND(0.00025)
cis-1,2-Dichloroethene	mg/L	0.07	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
cis-1,3-Dichloropropene	mg/L	--	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
Dibromochloromethane	mg/L	0.00017	ND(0.0025)	ND(0.00025)	**0.0036J**	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
Dibromomethane	mg/L	0.00814	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
Dichlorodifluoromethane	mg/L	0.393	ND(0.0040)	ND(0.00040)	ND(0.0040)	ND(0.00080)	ND(0.00040)	ND(0.020)	ND(0.0010)	ND(0.00040)	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.0016)	NA	ND(0.00025)	ND(0.00040)	ND(0.0020)	ND(0.00040)	ND(0.0080)	ND(0.010)	ND(0.00040)	ND(0.00040)
Ethylbenzene	mg/L	0.7	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
Ethyl-t-butyl ether (ETBE)	mg/L	--	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
Hexachlorobutadiene	mg/L	0.000999	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)*	ND(0.00025)	ND(0.00025)F
Isopropyl Ether (DIPE)	mg/L	--	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
Isopropylbenzene	mg/L	0.667	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
m,p-Xylene	mg/L	1	ND(0.0050)	ND(0.00050)	ND(0.0050)	ND(0.0010)	ND(0.00050)	ND(0.025)	ND(0.0013)	ND(0.00050)	ND(0.0010)	ND(0.00050)	ND(0.00050)	ND(0.0020)	NA	ND(0.00050)	ND(0.00050)	ND(0.0025)	ND(0.00050)	ND(0.010)	ND(0.013)	ND(0.00050)	ND(0.00050)
Methylene Chloride	mg/L	0.005	**0.0088J**	ND(0.00088)	ND(0.0088)	ND(0.0018)	ND(0.00088)	ND(0.044)	ND(0.0022)	ND(0.00088)	ND(0.0018)	ND(0.00088)	ND(0.00088)	ND(0.0035)	NA	ND(0.00088)	ND(0.00088)	ND(0.0044)	ND(0.00088)	ND(0.018)	ND(0.022)	ND(0.00088)	ND(0.00088)
Methyl-t-Butyl Ether (MTBE)	mg/L	0.0144	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
Naphthalene	mg/L	0.000165	ND(0.0040)	ND(0.00040)	ND(0.0040)	ND(0.00080)	ND(0.00040)	ND(0.020)	ND(0.0010)	ND(0.00040)	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.0016)	NA	ND(0.00040)	ND(0.00040)	ND(0.0020)	ND(0.00040)	ND(0.0080)	ND(0.010)	ND(0.00040)	ND(0.00040)
n-Butylbenzene	mg/L	0.238	ND(0.0040)	ND(0.00040)	ND(0.0040)	ND(0.00080)	ND(0.00040)	ND(0.020)	ND(0.0010)	ND(0.00040)	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.0016)	NA	ND(0.00040)	ND(0.00040)	ND(0.0020)	ND(0.00040)	ND(0.0080)	ND(0.010)	ND(0.00040)	ND(0.00040)
N-Propylbenzene	mg/L	0.238	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
Nitrate as N	mg/L	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	mg/L	1	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
p-Isopropyltoluene	mg/L	0.834	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
sec-Butylbenzene	mg/L	0.238	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
Styrene	mg/L	0.1	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
Sulfate	mg/L	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tert-amyl-methyl ether (TAME)	mg/L	--	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
tert-Butyl alcohol (TBA)	mg/L	63	ND(0.050)	ND(0.0050)	ND(0.050)	ND(0.010)	ND(0.0050)	ND(0.25)	ND(0.013)	**0.0076J**	ND(0.010)	ND(0.0050)	ND(0.0050)	ND(0.020)*	NA	ND(0.0050)	ND(0.0050)	ND(0.025)	ND(0.0050)	ND(0.10)	ND(0.13)	ND(0.0050)	ND(0.0050)
tert-Butylbenzene	mg/L	0.238	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
Tetrachloroethene	mg/L	0.005	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
Toluene	mg/L	1	**0.0025J**	**0.0061**	**0.0051**	**0.0089**	**0.0090**	ND(0.013)	**0.0036**	**0.011**	**0.013**	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	**0.0056**	**0.0019**	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
trans-1,2-Dichloroethene	mg/L	0.1	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
trans-1,3-Dichloropropene	mg/L	--	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
Trichloroethene	mg/L	0.005	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
Trichlorofluoromethane	mg/L	1	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
Vinyl chloride	mg/L	0.002	ND(0.0025)	ND(0.00025)	ND(0.0025)	ND(0.00050)	ND(0.00025)	ND(0.013)	ND(0.00063)	ND(0.00025)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.0010)	NA	ND(0.00025)	ND(0.00025)	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0063)	ND(0.00025)	ND(0.00025)
Xylenes, Total	mg/L	10	ND(0.0050)	ND(0.00050)	ND(0.0050)	ND(0.0010)	ND(0.00050)	ND(0.025)	ND(0.0013)	ND(0.00050)	ND(0.0010)	ND(0.00050)	ND(0.00050)	ND(0.0020)	NA	ND(0.00050)	ND(0.00050)	ND(0.0025)	ND(0.00050)	ND(0.010)	ND(0.013)	ND(0.00050)	ND(0.00050)

Notes:
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the BCL
* - LCS or LCSD is outside acceptance limits
a - The BCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The BCL for m-xylene is 1,200 µg/L and the BCL for p-xylene is 1,200 µg/L
c - VOCs were not analyzed for the sample collected at 50 feet bgs from U4U5-26 due to laboratory mishandling of the sample
B - Compound was found in the blank and sample
BCL - Basic Comparison Level
F1 - MS and/or MSD Recovery is outside acceptance limits
H - Sample was prepped or analyzed beyond the specified holding time
ID - Analyte identified by RT & presence of single mass ion
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
MS/MSD - Matrix Spike/Matrix Spike Duplicate
mg/L - milligram per liter
ND (0.25) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RT - retention time
VOCs - Volatile Organic Compounds

Analyte	Units	BCL[a]	Depth Below Ground Surface																		
			U4U5-28					U4U5-29			U4U5-30			U4U5-31						U4U5-32		
			40'	52.5'	65'	77.5'	90'	32.5'	57'	82'	34'	58'	82'	31'	57.5'	82'	102'	122'	142'	33'	57.5'	82'
Perchlorate	mg/L	0.018	**190**	**81**	**41**	**18**	**18**	**64**	**10**	**92**	**88**	**100**	**250**	**110**	**9.5**	**57**	**5,400**	**2,500**	**570**	**380**	**36**	**3300**
Hexavalent chromium	mg/L	0.1	**9.2**	**2.0**	**0.29**	**0.91**	**0.012**	**2.6**	**0.015**	**18H**	**10**	**5.6H F1**	**3.1F1**	**2.7**	**0.12**	**1.4**	**90**	**5.4**	**0.0025**	**5.1**	**0.17**	**32**
Chromium	mg/L	0.1	**10**	**1.9**	**2.0**	**1.1**	**1.2**	**1.9**	**0.019**	**5.5**	**11**	**7.5**	**3.5**	**3.1**	**1.6**	**2.8**	**89**	**5.8**	**2.3**	**5.7**	**0.20**	**34**
Total Dissolved Solids	mg/L	--	**7,400**	**4,200**	**3,800**	**2,400**	**4,400**	**4,400**	**5,300**	**5,400**	**6,300**	**7,000**	**7,100**	**7,000**	**3,400**	**3400**	**43,000**	**21,000**	**6,400**	**6,300**	**3,400**	**17,000**
1,1,1,2-Tetrachloroethane	mg/L	0.000605	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	ND(0.00025)
1,1,1-Trichloroethane	mg/L	0.2	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)F	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	ND(0.00025)
1,1,2,2-Tetrachloroethane	mg/L	0.0000775	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	ND(0.00025)
1,1,2-Trichloroethane	mg/L	0.005	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	ND(0.00025)
1,1-Dichloroethane	mg/L	0.00279	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	ND(0.00025)
1,1-Dichloroethene	mg/L	0.007	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	ND(0.00025)
1,1-Dichloropropene	mg/L	--	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	ND(0.00025)
1,2,3-Trichlorobenzene	mg/L	--	ND(0.0020)	ND(0.00040)	ND(0.0080)	ND(0.0020)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.0020)	ND(0.0020)	ND(0.00040)	ND(0.0020)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.020)	ND(0.0040)	ND(0.00080)	ND(0.00080)	ND(0.00040)	ND(0.00040)
1,2,3-Trichloropropane	mg/L	0.0000026	ND(0.0020)	ND(0.00040)	ND(0.0080)	ND(0.0020)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.0020)	ND(0.0020)	ND(0.00040)	ND(0.0020)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.020)	ND(0.0040)	ND(0.00080)	ND(0.00080)	ND(0.00040)	ND(0.00040)
1,2,4-Trichlorobenzene	mg/L	0.07	ND(0.0020)	ND(0.00040)	ND(0.0080)	ND(0.0020)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.0020)	ND(0.0020)	ND(0.00040)	ND(0.0020)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.020)	ND(0.0040)	ND(0.00080)	ND(0.00080)	ND(0.00040)	ND(0.00040)
1,2,4-Trimethylbenzene	mg/L	0.0146	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	**0.00049J**	ND(0.00025)
1,2-Dibromo-3-Chloropropane	mg/L	0.000001	ND(0.0025)*	ND(0.00050)	ND(0.010)	ND(0.0025)	ND(0.00050)	ND(0.0050)	ND(0.00050)F	ND(0.0025)	ND(0.0025)	ND(0.00050)	ND(0.0025)	ND(0.0050)	ND(0.00050)	ND(0.00050)	ND(0.025)	ND(0.0050)	ND(0.0010)	ND(0.0010)	ND(0.00050)	ND(0.00050)
1,2-Dibromoethane (EDB)	mg/L	0.00000755	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	ND(0.00025)
1,2-Dichlorobenzene	mg/L	0.6	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	ND(0.00025)
1,2-Dichloroethane	mg/L	0.005	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	ND(0.00025)
1,2-Dichloropropane	mg/L	0.005	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	ND(0.00025)
1,3,5-Trimethylbenzene	mg/L	0.0145	ND(0.0013)	ND(0.00025)F	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	ND(0.00025)
1,3-Dichlorobenzene	mg/L	0.0807	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	ND(0.00025)
1,3-Dichloropropane	mg/L	0.00824	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	ND(0.00025)
1,4-Dichlorobenzene	mg/L	0.075	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	ND(0.00025)
2,2-Dichloropropane	mg/L	--	ND(0.0020)	ND(0.00040)	ND(0.0080)	ND(0.0020)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.0020)	ND(0.0020)	ND(0.00040)	ND(0.0020)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.020)	ND(0.0040)	ND(0.00080)	ND(0.00080)	ND(0.00040)	ND(0.00040)
2-Butanone (MEK)	mg/L	7	ND(0.013)	ND(0.0025)	ND(0.050)	ND(0.013)	**0.014**	ND(0.025)	ND(0.0025)	ND(0.013)	ND(0.013)	ND(0.0025)	ND(0.013)	ND(0.025)	ND(0.0025)	**0.0027J**	ND(0.13)	ND(0.025)	ND(0.005)	ND(0.0050)	ND(0.0025)	ND(0.0025)
2-Chlorotoluene	mg/L	0.0902	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	ND(0.00025)
2-Hexanone	mg/L	0.0626	ND(0.013)*	ND(0.0025)	ND(0.050)	ND(0.013)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.013)	ND(0.013)	ND(0.0025)	ND(0.013)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.13)	ND(0.025)	ND(0.005)	ND(0.0050)	ND(0.0025)	ND(0.0025)
4-Chlorotoluene	mg/L	--	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	ND(0.00025)
4-Methyl-2-pentanone (MIBK)	mg/L	2	ND(0.013)*	ND(0.0025)	ND(0.050)	ND(0.013)	**0.0051**	ND(0.025)	ND(0.0025)	ND(0.013)	ND(0.013)	ND(0.0025)	ND(0.013)	ND(0.025)	ND(0.0025)	**0.0029J**	ND(0.13)	ND(0.025)	**0.0062J**	ND(0.0050)	ND(0.0025)	ND(0.0025)
Acetone	mg/L	21	ND(0.050)	ND(0.010)	**0.20J**	**0.15**	**0.130**	ND(0.10)	**0.017J**	ND(0.050)	ND(0.050)	ND(0.010)	ND(0.050)	ND(0.10)	**0.020**	**0.057**	ND(0.5)	**0.120J**	**0.250**	ND(0.020)	ND(0.010)	ND(0.010)
Benzene	mg/L	0.005	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0013)	**0.0028**	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	**0.00032J**	ND(0.00025)
Bromobenzene	mg/L	0.0852	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	ND(0.00025)
Bromochloromethane	mg/L	--	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	ND(0.00025)
Bromodichloromethane	mg/L	0.000135	ND(0.0013)	**0.00037J**	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	**0.00056**	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	**0.00046J**
Bromoform	mg/L	0.00986	ND(0.0020)	ND(0.00040)	ND(0.0080)	ND(0.0020)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.0020)	ND(0.0020)	ND(0.00040)	ND(0.0020)	ND(0.0040)	ND(0.00040)	**0.00080J**	ND(0.020)	ND(0.0040)	ND(0.00080)	ND(0.00080)	ND(0.00040)	ND(0.00040)
Bromomethane	mg/L	0.00853	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	ND(0.00025)
Carbon tetrachloride	mg/L	0.005	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	ND(0.00025)
Chlorate	mg/L	--	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
Chlorobenzene	mg/L	0.1	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	ND(0.00025)
Chloroethane	mg/L	0.0269	ND(0.0020)	ND(0.00040)	ND(0.0080)	ND(0.0020)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.0020)	ND(0.0020)	ND(0.00040)	ND(0.0020)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.020)	ND(0.0040)	ND(0.00080)	ND(0.00080)	ND(0.00040)	ND(0.00040)
Chloroform	mg/L	0.000223	**0.250**	**0.027**	**0.023**	**0.018**	**0.075**	**1.6**	**0.17**	**0.55**	**0.33**	**0.079**	**0.49**	**0.760**	**0.034**	**0.170**	**4.0**	**0.76**	**0.180**	**0.21**	**0.036**	**0.28**
Chloromethane	mg/L	0.00312	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	ND(0.00025)
cis-1,2-Dichloroethene	mg/L	0.07	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	ND(0.00025)
cis-1,3-Dichloropropene	mg/L	--	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	ND(0.00025)
Dibromochloromethane	mg/L	0.00017	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	ND(0.00025)
Dibromomethane	mg/L	0.00814	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	ND(0.00025)
Dichlorodifluoromethane	mg/L	0.393	ND(0.0020)	ND(0.00040)	ND(0.0080)	ND(0.0020)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.0020)	ND(0.0020)	ND(0.00040)	ND(0.0020)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.020)	ND(0.0040)	ND(0.00080)	ND(0.00080)	ND(0.00040)	ND(0.00040)
Ethylbenzene	mg/L	0.7	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	ND(0.00025)
Ethyl-t-butyl ether (ETBE)	mg/L	--	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	ND(0.00025)
Hexachlorobutadiene	mg/L	0.000999	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	ND(0.00025)
Isopropyl Ether (DIPE)	mg/L	--	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	ND(0.00025)
Isopropylbenzene	mg/L	0.667	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	ND(0.00025)
m,p-Xylene	mg/L	1	ND(0.0025)	ND(0.00050)	ND(0.010)	ND(0.0025)	ND(0.00050)	ND(0.0050)	ND(0.00050)	ND(0.0025)	ND(0.0025)	ND(0.00050)	ND(0.0025)	ND(0.0050)	ND(0.00050)	ND(0.00050)	ND(0.025)	ND(0.0050)	ND(0.0010)	ND(0.0010)	ND(0.00050)	ND(0.00050)
Methylene Chloride	mg/L	0.005	ND(0.0044)	ND(0.00088)	ND(0.018)	ND(0.0044)	ND(0.00088)	ND(0.0088)	ND(0.00088)	ND(0.0044)	ND(0.0044)	ND(0.00088)	ND(0.0044)	ND(0.0088)	ND(0.00088)	ND(0.00088)	ND(0.044)	ND(0.0088)	ND(0.0018)	ND(0.0018)	**0.0011J**	ND(0.00088)
Methyl-t-Butyl Ether (MTBE)	mg/L	0.0144	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	ND(0.00025)
Naphthalene	mg/L	0.000165	ND(0.0020)	ND(0.00040)	ND(0.0080)	ND(0.0020)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.0020)	ND(0.0020)	ND(0.00040)	ND(0.0020)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.020)	ND(0.0040)	ND(0.00080)	ND(0.00080)	ND(0.00040)	ND(0.00040)
n-Butylbenzene	mg/L	0.238	ND(0.0020)	ND(0.00040)	ND(0.0080)	ND(0.0020)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.0020)	ND(0.0020)	ND(0.00040)	ND(0.0020)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.020)	ND(0.0040)	ND(0.00080)	ND(0.00080)	ND(0.00040)	ND(0.00040)
N-Propylbenzene	mg/L	0.238	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	ND(0.00025)
Nitrate as N	mg/L	--	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
o-Xylene	mg/L	1	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	ND(0.00025)
p-Isopropyltoluene	mg/L	0.834	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	ND(0.00025)
sec-Butylbenzene	mg/L	0.238	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	ND(0.00025)
Styrene	mg/L	0.1	ND(0.0013)	ND(0.00025)F	ND(0.0050)	ND(0.0013)	**0.00035J**	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	ND(0.00025)
Sulfate	mg/L	--	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
Tert-amyl-methyl ether (TAME)	mg/L	--	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	ND(0.00025)
tert-Butyl alcohol (TBA)	mg/L	63	ND(0.025)	ND(0.0050)	ND(0.10)	ND(0.025)	**0.011ID**	ND(0.050)	ND(0.0050)	ND(0.025)	ND(0.025)	**0.0051J ID**	ND(0.025)	ND(0.050)	ND(0.0050)	**0.0070J ID**	ND(0.25)	ND(0.050)	**0.011J ID**	ND(0.010)	ND(0.0050)	ND(0.0050)
tert-Butylbenzene	mg/L	0.238	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	ND(0.00025)
Tetrachloroethene	mg/L	0.005	ND(0.0013)	**0.00046J**	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	**0.00029J**	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	ND(0.00025)
Toluene	mg/L	1	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0013)	**0.00074**	ND(0.0025)	**0.018**	**0.013**	**0.0030**	**0.0021**	**0.0049**	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	**0.00063J**	**0.0061**	**0.0035**
trans-1,2-Dichloroethene	mg/L	0.1	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	ND(0.00025)
trans-1,3-Dichloropropene	mg/L	--	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)F	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	ND(0.00025)
Trichloroethene	mg/L	0.005	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	ND(0.00025)
Trichlorofluoromethane	mg/L	1	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	ND(0.00025)
Vinyl chloride	mg/L	0.002	ND(0.0013)	ND(0.00025)	ND(0.0050)	ND(0.0013)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0013)	ND(0.0013)	ND(0.00025)	ND(0.0013)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.013)	ND(0.0025)	ND(0.00050)	ND(0.00050)	ND(0.00025)	ND(0.00025)
Xylenes, Total	mg/L	10	ND(0.0025)	ND(0.00050)	ND(0.010)	ND(0.0025)	ND(0.00050)	ND(0.0050)	ND(0.00050)	ND(0.0025)	ND(0.0025)	ND(0.00050)	ND(0.0025)	ND(0.0050)	ND(0.00050)	ND(0.00050)	ND(0.025)	ND(0.0050)	ND(0.0010)	ND(0.0010)	ND(0.00050)	ND(0.00050)

Notes:
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the BCL
* - LCS or LCSD is outside acceptance limits
a - The BCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The BCL for m-xylene is 1,200 µg/L and the BCL for p-xylene is 1,200 µg/L
c - VOCs were not analyzed for the sample collected at 50 feet bgs from U4U5-26 due to laboratory mishandling of the sample
B - Compound was found in the blank and sample
BCL - Basic Comparison Level
F1 - MS and/or MSD Recovery is outside acceptance limits
H - Sample was prepped or analyzed beyond the specified holding time
ID - Analyte identified by RT & presence of single mass ion
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
MS/MSD - Matrix Spike/Matrix Spike Duplicate
mg/L - milligram per liter
ND (0.25) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RT - retention time
VOCs - Volatile Organic Compounds

Analyte	Units	BCL[a]	Depth Below Ground Surface																										
			U4U5-33					U4U5-34						U4U5-35			U4U5-36			U4U5-37			U4U5-38			U4U5-39		
			40'	52.5'	65'	77.5'	90'	45'	67.5'	90'	110'	130'	150'	45'	70'	90'	40'	65'	90'	42.5'	66'	90'	34'	58'	82'	33'	57.5'	82'
Perchlorate	mg/L	0.018	**720**	**6.3**	**10**	**33**	**1,800**	**270**	**550**	**230**	**390**	**5.1**	**0.061**	**390**	**8.0**	**16**	**44**	**17**	**81**	**260**	**9.7**	**49**	**51**	**2.9**	**350**	**41**	**4.8**	**240**
Hexavalent chromium	mg/L	0.1	**1.6**	**0.072**	**0.087F1**	**0.22**	**0.49**	**0.18**	**0.13H**	**0.044**	**0.43**	**0.041**	**0.038**	**0.032**	**0.35**	**0.85**	**1.2**	**0.075**	**0.075**	**2.3**	**0.41**	**0.13H**	**1.1**	**0.22**	**19**	**1.0**	**0.15**	**14**
Chromium	mg/L	0.1	**1.7**	**0.093**	**0.19**	**0.36**	**5.40**	**0.23**	**0.26**	**0.046**	**0.51**	**0.087**	**0.045**	**0.52**	**0.23**	**0.79**	**1.1**	**0.35**	**1.6**	**2.3**	**0.49**	**0.22**	**1.1F1**	**0.34**	**17**	**1.6**	**0.59**	**14**
Total Dissolved Solids	mg/L	--	6,800	2,100	2,000	1,900	5,800	3,300	3,900	3,000	2,300	1,300	800	4,600	1,600	2,000	4,800	3,300	5,900	6,700	2,300	3,000	3,200	2,400	10,000	3,800	2,900	8,200
VOCs																													
1,1,1,2-Tetrachloroethane	mg/L	0.000605	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)
1,1,1-Trichloroethane	mg/L	0.2	ND(0.0010)	ND(0.00025)	ND(0.00025)F	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)
1,1,2,2-Tetrachloroethane	mg/L	0.0000775	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)
1,1,2-Trichloroethane	mg/L	0.005	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)
1,1-Dichloroethane	mg/L	0.00279	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)
1,1-Dichloroethene	mg/L	0.007	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)
1,1-Dichloropropene	mg/L	--	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)
1,2,3-Trichlorobenzene	mg/L	--	ND(0.0016)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.010)	ND(0.0010)	ND(0.00040)	ND(0.0080)
1,2,3-Trichloropropane	mg/L	0.0000026	ND(0.0016)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.010)	ND(0.0010)	ND(0.00040)	ND(0.0080)
1,2,4-Trichlorobenzene	mg/L	0.07	ND(0.0016)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.010)	ND(0.0010)	ND(0.00040)	ND(0.0080)
1,2,4-Trimethylbenzene	mg/L	0.0146	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)
1,2-Dibromo-3-Chloropropane	mg/L	0.000001	ND(0.0020)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)*	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0020)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0050)	ND(0.00050)	ND(0.013)	ND(0.0013)	ND(0.00050)	ND(0.010)
1,2-Dibromoethane (EDB)	mg/L	0.00000755	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)
1,2-Dichlorobenzene	mg/L	0.6	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)
1,2-Dichloroethane	mg/L	0.005	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)
1,2-Dichloropropane	mg/L	0.005	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)
1,3,5-Trimethylbenzene	mg/L	0.0145	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)
1,3-Dichlorobenzene	mg/L	0.0807	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)
1,3-Dichloropropane	mg/L	0.00824	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)
1,4-Dichlorobenzene	mg/L	0.075	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)
2,2-Dichloropropane	mg/L	--	ND(0.0016)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.010)	ND(0.0010)	ND(0.00040)	ND(0.0080)
2-Butanone (MEK)	mg/L	7	ND(0.010)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	**0.0033J**	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.010)	ND(0.0025)	ND(0.0025)	ND(0.0025)	**0.0025J**	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.063)	ND(0.0063)	ND(0.0025)	ND(0.050)
2-Chlorotoluene	mg/L	0.0902	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)
2-Hexanone	mg/L	0.0626	ND(0.010)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.010)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.063)	ND(0.0063)	ND(0.0025)	ND(0.050)
4-Chlorotoluene	mg/L	--	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)
4-Methyl-2-pentanone (MIBK)	mg/L	2	ND(0.010)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.010)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	**0.0025J**	ND(0.025)	**0.0025J**	ND(0.063)	ND(0.0063)	ND(0.0025)	ND(0.050)
Acetone	mg/L	21	ND(0.040)	ND(0.010)	**0.031**	**0.045**	ND(0.10)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	**0.049**	ND(0.010)	**0.047**	**0.020**	**0.017J**	ND(0.040)	ND(0.01)	**0.018J**	**0.012J**	**0.04**	**0.023**	ND(0.10)	**0.035**	ND(0.25)	ND(0.025)	ND(0.010)	ND(0.20)
Benzene	mg/L	0.005	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)
Bromobenzene	mg/L	0.0852	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)
Bromochloromethane	mg/L	--	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)
Bromodichloromethane	mg/L	0.000135	ND(0.0010)	**0.00030J**	ND(0.00025)	ND(0.00025)	ND(0.0025)	**0.00027J**	**0.00028J**	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	**0.00030J**	ND(0.00025)	**0.00065**	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)
Bromoform	mg/L	0.00986	ND(0.0016)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.010)	ND(0.0010)	ND(0.00040)	ND(0.0080)
Bromomethane	mg/L	0.00853	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)
Carbon tetrachloride	mg/L	0.005	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)
Chlorate	mg/L	--	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
Chlorobenzene	mg/L	0.1	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)
Chloroethane	mg/L	0.0269	ND(0.0016)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.010)	ND(0.0010)	ND(0.00040)	ND(0.0080)
Chloroform	mg/L	0.000223	**0.190**	**0.0045**	**0.0054**	**0.0083**	**0.540**	**0.0083**	**0.011**	**0.017**	**0.012**	ND(0.00025)	ND(0.00025)	**0.015**	**0.0082**	**0.052**	**0.320**	**0.042**	**0.130**	**0.082**	**0.018**	**0.074**	**0.56**	**0.079**	**1.8**	**0.30**	**0.047**	**1.2**
Chloromethane	mg/L	0.00312	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	**0.016**	ND(0.00025)	ND(0.00025)	ND(0.00025)	**0.025**	ND(0.00025)	**0.0022**	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)
cis-1,2-Dichloroethene	mg/L	0.07	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)
cis-1,3-Dichloropropene	mg/L	--	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)
Dibromochloromethane	mg/L	0.00017	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)
Dibromomethane	mg/L	0.00814	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)
Dichlorodifluoromethane	mg/L	0.393	ND(0.0016)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.010)	ND(0.0010)	ND(0.00040)	ND(0.0080)
Ethylbenzene	mg/L	0.7	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)
Ethyl-t-butyl ether (ETBE)	mg/L	--	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)
Hexachlorobutadiene	mg/L	0.000999	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)*	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)
Isopropyl Ether (DIPE)	mg/L	--	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)
Isopropylbenzene	mg/L	0.667	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)
m,p-Xylene	mg/L	1	ND(0.0020)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0020)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0050)	ND(0.00050)	ND(0.013)	ND(0.0013)	ND(0.00050)	ND(0.010)
Methylene Chloride	mg/L	0.005	ND(0.0035)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.0088)	**0.00098J**	**0.00097J**	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.0035)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.0088)	ND(0.00088)	ND(0.022)	**0.0035J**	ND(0.00088)	ND(0.018)
Methyl-t-Butyl Ether (MTBE)	mg/L	0.0144	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)
Naphthalene	mg/L	0.000165	ND(0.0016)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.010)	ND(0.0010)	ND(0.00040)	ND(0.0080)
n-Butylbenzene	mg/L	0.238	ND(0.0016)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.010)	ND(0.0010)	ND(0.00040)	ND(0.0080)
N-Propylbenzene	mg/L	0.238	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)
Nitrate as N	mg/L	--	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
o-Xylene	mg/L	1	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)
p-Isopropyltoluene	mg/L	0.834	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)
sec-Butylbenzene	mg/L	0.238	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.0050)
Styrene	mg/L	0.1	ND(0.0010)	ND

Analyte	Units	BCL[a]	Depth Below Ground Surface																							
			U4U5-40			U4U5-41			U4U5-42			U4U5-43			U4U5-44			U4U5-45			U4U5-46			U4U5-47		
			35'	58.5'	82'	32'	57'	82'	40'	65'	90'	40'	65'	90'	50'	70'	90'	35'	60'	82'	35'	58.5'	82'	35'	58.5'	82'
Perchlorate	mg/L	0.018	34	5.1	1,300	790	10F1	120	550	4.8	990	80	2.7	110	8.5	5.0	3.3	120	4.6	340	69	7.1	24	190	15	38
Hexavalent chromium	mg/L	0.1	1.1	0.24	14	7.9	0.16F1	0.065	0.097	0.093	0.45	0.14	0.077	ND(0.00025)	0.074	ND(0.00025)	ND(0.00025)	1.5	0.16	15	1.1	0.0023	ND(0.00025)	2.1	0.19	ND(0.00025)
Chromium	mg/L	0.1	1.6	0.30	16	8.8	0.27F1	0.47	0.20	0.15	1.1	0.59	0.13	1.4	0.28	0.18	0.055	2.2	0.29F1	15	1.1	0.19	2.4	2.0	0.50	0.37
Total Dissolved Solids	mg/L	--	3,100	3,200	9,800	8,100	2,400	3,400	5,800	2,000	6,900	4,300	2,100	3,900	3,000	3,300	2,400	4000	2,300	11,000	3,600	2,300	3,300	5,200	2,400	4,800
1,1,1,2-Tetrachloroethane	mg/L	0.000605	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1,1-Trichloroethane	mg/L	0.2	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1,2,2-Tetrachloroethane	mg/L	0.0000775	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1,2-Trichloroethane	mg/L	0.005	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1-Dichloroethane	mg/L	0.00279	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1-Dichloroethene	mg/L	0.007	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	**0.0011J**	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1-Dichloropropene	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2,3-Trichlorobenzene	mg/L	--	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
1,2,3-Trichloropropane	mg/L	0.0000026	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
1,2,4-Trichlorobenzene	mg/L	0.07	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
1,2,4-Trimethylbenzene	mg/L	0.0146	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	**0.00027J**	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2-Dibromo-3-Chloropropane	mg/L	0.000001	ND(0.00050)	ND(0.00050)	ND(0.0050)	ND(0.0013)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0020)	ND(0.0010)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)
1,2-Dibromoethane (EDB)	mg/L	0.00000755	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2-Dichlorobenzene	mg/L	0.6	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2-Dichloroethane	mg/L	0.005	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2-Dichloropropane	mg/L	0.005	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,3,5-Trimethylbenzene	mg/L	0.0145	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,3-Dichlorobenzene	mg/L	0.0807	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,3-Dichloropropane	mg/L	0.00824	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,4-Dichlorobenzene	mg/L	0.075	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
2,2-Dichloropropane	mg/L	--	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
2-Butanone (MEK)	mg/L	7	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0063)	ND(0.0025)	**0.0075**	**0.0044J**	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	**0.011**	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.010)	ND(0.0050)	ND(0.0025)	**0.0076**	ND(0.0025)	ND(0.0025)	ND(0.0025)
2-Chlorotoluene	mg/L	0.0902	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
2-Hexanone	mg/L	0.0626	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0063)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	**0.0043J**	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.010)	ND(0.0050)	ND(0.0025)	**0.0025J**	ND(0.0025)	ND(0.0025)	ND(0.0025)
4-Chlorotoluene	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
4-Methyl-2-pentanone (MIBK)	mg/L	2	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0063)	ND(0.0025)	**0.003J**	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	**0.0048J**	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.010)	ND(0.0050)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)
Acetone	mg/L	21	ND(0.010)	ND(0.010)	ND(0.10)	ND(0.025)	ND(0.010)	**0.035**	ND(0.010)	**0.012J**	**0.056**	ND(0.010)	ND(0.010)	**0.130**	**0.010J**	ND(0.010)F1	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.040)	ND(0.020)	ND(0.010)	**0.044**	**0.011J**	**0.015J**	**0.034**
Benzene	mg/L	0.005	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Bromobenzene	mg/L	0.0852	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Bromochloromethane	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Bromodichloromethane	mg/L	0.000135	**0.00030J**	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	**0.00042J**	**0.00028J**	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	**0.00027J**	**0.00025J**	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	**0.00034J**	ND(0.00025)	ND(0.00025)
Bromoform	mg/L	0.00986	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	**0.0017**	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
Bromomethane	mg/L	0.00853	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Carbon tetrachloride	mg/L	0.005	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Chlorate	mg/L	--	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
Chlorobenzene	mg/L	0.1	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Chloroethane	mg/L	0.0269	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
Chloroform	mg/L	0.000223	**0.13**	**0.0088**	**0.61**	**0.37**	**0.011**	**0.04**	**0.056**	**0.011**	**0.064**	**0.014**	**0.0050**	**0.0064**	**0.0081**	**0.0062**	**0.0059**	**0.043**	**0.01**	**0.38**	**0.13**	**0.023**	**0.057**	**0.11**	**0.017**	**0.07**
Chloromethane	mg/L	0.00312	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	**0.00029J**	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
cis-1,2-Dichloroethene	mg/L	0.07	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	**0.0011J**	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
cis-1,3-Dichloropropene	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Dibromochloromethane	mg/L	0.00017	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Dibromomethane	mg/L	0.00814	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Dichlorodifluoromethane	mg/L	0.393	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
Ethylbenzene	mg/L	0.7	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Ethyl-t-butyl ether (ETBE)	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Hexachlorobutadiene	mg/L	0.000999	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Isopropyl Ether (DIPE)	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Isopropylbenzene	mg/L	0.667	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
m,p-Xylene	mg/L	1	ND(0.00050)	ND(0.00050)	ND(0.0050)	ND(0.0013)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0020)	ND(0.0010)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)
Methylene Chloride	mg/L	0.005	ND(0.00088)	**0.0015J**	ND(0.0088)	ND(0.0022)	ND(0.00088)	**0.0011J**	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	**0.00088J**	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.0035)	ND(0.0018)	ND(0.00088)	ND(0.00088)	**0.0014J**	ND(0.00088)	ND(0.00088)
Methyl-t-Butyl Ether (MTBE)	mg/L	0.0144	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Naphthalene	mg/L	0.000165	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	**0.0010J**	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
n-Butylbenzene	mg/L	0.238	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0016)	ND(0.00080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
N-Propylbenzene	mg/L	0.238	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Nitrate as N	mg/L	--	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
o-Xylene	mg/L	1	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	**0.00029J**	ND(0.00025)	**0.00036J**	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
p-Isopropyltoluene	mg/L	0.834	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	**0.00097J**	ND(0.00025)	ND(0.00025)	**0.0028**	**0.00034J**	ND(0.00025)
sec-Butylbenzene	mg/L	0.238	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Styrene	mg/L	0.1	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Sulfate	mg/L	--	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
Tert-amyl-methyl ether (TAME)	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
tert-Butyl alcohol (TBA)	mg/L	63	ND(0.0050)	ND(0.0050)	ND(0.050)	ND(0.013)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	**0.0051J ID**	ND(0.0050)	ND(0.0050)	**0.013**	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.020)	ND(0.010)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
tert-Butylbenzene	mg/L	0.238	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0010)	ND(0.00050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Tetrachloroeth

Analyte	Units	BCL[a]	Depth Below Ground Surface																								
			U4U5-48			U4U5-49			U4U5-50			U4U5-51			U4U5-52			U4U5-53			U4U5-54			U4U5-55		
			45'	70'	90'	45'	67.5'	90'	45'	60'	90'	51'	67'	87.5'	50'	70'	90'	50'	70'	90'	46.5'	70'	90'	35'	58.5'	82'
Perchlorate	mg/L	0.018	**10**	**1.9**	**47**	**1.1**	**1.5**	**15**	**2.0**	**5.1**	**9.7**	**74**	**2.7**	**13**	**4.7**	**1.2**	**41**	**8.9**	**3.7**	**37**	**12**	**4.9**	**1.4**	**3.9**	**4.9**	**24**
Hexavalent chromium	mg/L	0.1	**0.035H**	**0.059H**	**0.83**	**0.010**	**0.11**	**0.40**	**0.0028H**	**0.068H**	**0.00096J**	**0.0071**	**0.021**	**0.021**	**0.24**	**0.097**	**0.65**	**0.25**	**0.16H**	**4.0**	**0.081**	**0.15**	**0.11**	**1.2**	**0.056**	
Chromium	mg/L	0.1	**0.26**	**0.12**	**2.8**	**0.013**	**0.13**	**0.35**	**0.61**	**0.20**	**0.11**	**0.012**	**0.086**	**0.073**	**0.26B**	**0.19**	**1.1B**	**0.36**	**0.41**	**4.8**	**0.12**	**0.33**	**0.15**	**1.2**	**0.62**	**3.1**
Total Dissolved Solids	mg/L	--	**5,300**	**2,500**	**2,900**	**3,000**	**2,100**	**2,400**	**4,100**	**2,600**	**2,100**	**3,000**	**2,100**	**2,100**	**2,200**	**1,400**	**2,100**	**2,300**	**1,800**	**3,800**	**3,100**	**1,700**	**1,500**	**3,900**	**2,400**	**3,500**
1,1,1,2-Tetrachloroethane	mg/L	0.000605	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1,1-Trichloroethane	mg/L	0.2	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1,2,2-Tetrachloroethane	mg/L	0.0000775	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1,2-Trichloroethane	mg/L	0.005	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1-Dichloroethane	mg/L	0.00279	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1-Dichloroethene	mg/L	0.007	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1-Dichloropropene	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2,3-Trichlorobenzene	mg/L	--	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
1,2,3-Trichloropropane	mg/L	0.0000026	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
1,2,4-Trichlorobenzene	mg/L	0.07	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
1,2,4-Trimethylbenzene	mg/L	0.0146	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2-Dibromo-3-Chloropropane	mg/L	0.000001	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)
1,2-Dibromoethane (EDB)	mg/L	0.00000755	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2-Dichlorobenzene	mg/L	0.6	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2-Dichloroethane	mg/L	0.005	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2-Dichloropropane	mg/L	0.005	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,3,5-Trimethylbenzene	mg/L	0.0145	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,3-Dichlorobenzene	mg/L	0.0807	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,3-Dichloropropane	mg/L	0.00824	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,4-Dichlorobenzene	mg/L	0.075	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
2,2-Dichloropropane	mg/L	--	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
2-Butanone (MEK)	mg/L	7	ND(0.0025)	ND(0.0025)	**0.0042J**	ND(0.0025)	ND(0.00025)F	ND(0.0025)	ND(0.0025)	ND(0.0025)	**0.0029J**	ND(0.0025)	**0.0028J**	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	**0.0055**	ND(0.0025)	ND(0.0025)	**0.0040J**	ND(0.0025)	ND(0.0025)	ND(0.0025)	**0.0031J**	
2-Chlorotoluene	mg/L	0.0902	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
2-Hexanone	mg/L	0.0626	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.00025)F	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)
4-Chlorotoluene	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
4-Methyl-2-pentanone (MIBK)	mg/L	2	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)
Acetone	mg/L	21	ND(0.010)	**0.012J**	ND(0.010)	**0.022**	ND(0.010)F1	ND(0.010)	ND(0.010)	**0.012J**	**0.016J**	ND(0.010)	ND(0.010)	ND(0.010)	**0.016J**	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	**0.017J**	**0.021**	
Benzene	mg/L	0.005	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Bromobenzene	mg/L	0.0852	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Bromochloromethane	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Bromodichloromethane	mg/L	0.000135	**0.00028J**	ND(0.00025)	ND(0.00025)	ND(0.00025)	**0.00026J**	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	**0.00058**	**0.00025J**	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	**0.00033J**	ND(0.00025)	ND(0.00025)
Bromoform	mg/L	0.00986	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	**0.00096J**	
Bromomethane	mg/L	0.00853	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Carbon tetrachloride	mg/L	0.005	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Chlorate	mg/L	--	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
Chlorobenzene	mg/L	0.1	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Chloroethane	mg/L	0.0269	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
Chloroform	mg/L	0.000223	**0.008**	**0.003**	**0.11**	**0.0016**	**0.0025**	**0.047**	**0.0018**	**0.012**	**0.0095**	**0.0019**	**0.0021**	**0.015**	**0.015**	**0.0051**	**0.051**	**0.013**	**0.0075**	**0.13**	**0.0048**	**0.0041**	**0.0048**	**0.11**	**0.012**	**0.081**
Chloromethane	mg/L	0.00312	**0.0024**	**0.0019**	**0.00037J**	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	**0.00028J**	**0.00083**	ND(0.00025)	**0.0038**	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
cis-1,2-Dichloroethene	mg/L	0.07	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
cis-1,3-Dichloropropene	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Dibromochloromethane	mg/L	0.00017	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Dibromomethane	mg/L	0.00814	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Dichlorodifluoromethane	mg/L	0.393	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
Ethylbenzene	mg/L	0.7	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Ethyl-t-butyl ether (ETBE)	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Hexachlorobutadiene	mg/L	0.000999	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Isopropyl Ether (DIPE)	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Isopropylbenzene	mg/L	0.667	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
m,p-Xylene	mg/L	1	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)
Methylene Chloride	mg/L	0.005	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)
Methyl-t-Butyl Ether (MTBE)	mg/L	0.0144	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Naphthalene	mg/L	0.000165	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	**0.0042**	**0.00082J**	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	**0.011**	**0.0029**	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
n-Butylbenzene	mg/L	0.238	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
N-Propylbenzene	mg/L	0.238	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Nitrate as N	mg/L	--	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
o-Xylene	mg/L	1	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
p-Isopropyltoluene	mg/L	0.834	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
sec-Butylbenzene	mg/L	0.238	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Styrene	mg/L	0.1	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Sulfate	mg/L	--	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
Tert-amyl-methyl ether (TAME)	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025

Analyte	Units	BCL[a]	Depth Below Ground Surface																				
			U4U5-56			U4U5-57			U4U5-58			U4U5-59			U4U5-60			U4U5-61			U4U5-62		
			35'	58'	82'	35'	58.5	82'	35'	58.5'	82'	35'	58'	82'	35'	58.5'	82'	34'	58'	82'	35'	58.5'	82'
Perchlorate	mg/L	0.018	**28**	**2.3**	**450**	**87**	**6.1**	**62**	**35**	**41**	**92**	**7.9**	**6.4**	**89**	**350**	**9.7**	**240**	**260**	**8.4**	**38**	**94**	**6.4**	**260**
Hexavalent chromium	mg/L	0.1	**0.38H**	**0.12**	**24**	**0.84**	**0.20**	**0.83**	**0.35**	**0.063**	**0.00028J**	**0.34**	**0.13**	**0.0030**	**2.4**	**0.30**	**0.73**	**2.7**	**0.24**	**0.00081J**	**0.92**	**0.051**	**0.61**
Chromium	mg/L	0.1	**0.52**	**0.28**	**23**	**1.0**	**0.30**	**1.9**	**0.43**	**1.1**	**0.10**	**0.50**	**0.33**	**0.13**	**2.4**	**0.45**	**0.79**	**3.1**	**0.30**	**1.7**	**0.87**	**0.30**	**1.3**
Total Dissolved Solids	mg/L	--	**3,700**	**2,200**	**14,000**	**3,800**	**2,400**	**4,700**	**3,500**	**2,700**	**2,800**	**3,800**	**2,100**	**3,200**	**4,800**	**2300**	**3,100**	**4,800**	**2,100**	**3,000**	**3,700**	**2,200**	**4,000**
1,1,1,2-Tetrachloroethane	mg/L	0.000605	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1,1-Trichloroethane	mg/L	0.2	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1,2,2-Tetrachloroethane	mg/L	0.0000775	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1,2-Trichloroethane	mg/L	0.005	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1-Dichloroethane	mg/L	0.00279	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1-Dichloroethene	mg/L	0.007	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1-Dichloropropene	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2,3-Trichlorobenzene	mg/L	--	ND(0.00040)	ND(0.00040)	ND(0.010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
1,2,3-Trichloropropane	mg/L	0.0000026	ND(0.00040)	ND(0.00040)	ND(0.010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
1,2,4-Trichlorobenzene	mg/L	0.07	ND(0.00040)	ND(0.00040)	ND(0.010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
1,2,4-Trimethylbenzene	mg/L	0.0146	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2-Dibromo-3-Chloropropane	mg/L	0.000001	ND(0.00050)	ND(0.00050)	ND(0.013)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0013)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)
1,2-Dibromoethane (EDB)	mg/L	0.00000755	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2-Dichlorobenzene	mg/L	0.6	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2-Dichloroethane	mg/L	0.005	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2-Dichloropropane	mg/L	0.005	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,3,5-Trimethylbenzene	mg/L	0.0145	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,3-Dichlorobenzene	mg/L	0.0807	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,3-Dichloropropane	mg/L	0.00824	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,4-Dichlorobenzene	mg/L	0.075	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
2,2-Dichloropropane	mg/L	--	ND(0.00040)	ND(0.00040)	ND(0.010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
2-Butanone (MEK)	mg/L	7	ND(0.0025)	ND(0.0025)	ND(0.063)	ND(0.0025)	ND(0.0025)	**0.0051**	ND(0.0025)	ND(0.0025)	**0.0075**	ND(0.0025)	ND(0.0025)	**0.0033J**	ND(0.0063)	ND(0.0025)	ND(0.0025)	ND(0.0025)	**0.0026J**	**0.011**	ND(0.0025)	**0.0041J**	**0.0052**
2-Chlorotoluene	mg/L	0.0902	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
2-Hexanone	mg/L	0.0626	ND(0.0025)	ND(0.0025)	ND(0.063)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0063)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	**0.0037J**	ND(0.0025)	ND(0.0025)	ND(0.0025)
4-Chlorotoluene	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
4-Methyl-2-pentanone (MIBK)	mg/L	2	ND(0.0025)	ND(0.0025)	ND(0.063)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0063)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	**0.011**	ND(0.0025)	ND(0.0025)	ND(0.0025)
Acetone	mg/L	21	ND(0.010)	ND(0.010)	ND(0.25)	ND(0.010)	**0.016J**	**0.042**	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	**0.011J**	ND(0.010)	ND(0.025)	ND(0.010)	**0.037**	**0.014J**	**0.036**	**0.200**	ND(0.010)	ND(0.010)F1	**0.036**
Benzene	mg/L	0.005	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Bromobenzene	mg/L	0.0852	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Bromochloromethane	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Bromodichloromethane	mg/L	0.000135	**0.00027J**	ND(0.00025)	ND(0.0063)	**0.00031J**	ND(0.00025)	ND(0.00025)	**0.00034J**	ND(0.00025)	ND(0.00025)	**0.00037J**	**0.00030J**	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	**0.00038J**	**0.00028J**	ND(0.00025)	**0.00028J**	ND(0.00025)	ND(0.00025)
Bromoform	mg/L	0.00986	ND(0.00040)	ND(0.00040)	ND(0.010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	**0.00049J**	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
Bromomethane	mg/L	0.00853	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Carbon tetrachloride	mg/L	0.005	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Chlorate	mg/L	--	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
Chlorobenzene	mg/L	0.1	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Chloroethane	mg/L	0.0269	ND(0.00040)	ND(0.00040)	ND(0.010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
Chloroform	mg/L	0.000223	**0.05**	**0.0083**	**1.5**	**0.11**	**0.0089**	**0.075**	**0.093**	**0.026**	**0.023**	**0.072**	**0.057**	**0.018**	**0.12**	**0.018**	**0.098**	**0.083**	**0.017**	**0.010**	**0.06**	**0.011**	**0.048**
Chloromethane	mg/L	0.00312	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
cis-1,2-Dichloroethene	mg/L	0.07	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
cis-1,3-Dichloropropene	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Dibromochloromethane	mg/L	0.00017	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Dibromomethane	mg/L	0.00814	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Dichlorodifluoromethane	mg/L	0.393	ND(0.00040)	ND(0.00040)	ND(0.010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
Ethylbenzene	mg/L	0.7	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Ethyl-t-butyl ether (ETBE)	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Hexachlorobutadiene	mg/L	0.000999	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Isopropyl Ether (DIPE)	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Isopropylbenzene	mg/L	0.667	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
m,p-Xylene	mg/L	1	ND(0.00050)	ND(0.00050)	ND(0.013)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0013)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)
Methylene Chloride	mg/L	0.005	**0.0013J**	ND(0.00088)	ND(0.022)	ND(0.00088)	ND(0.00088)	**0.0014J**	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	**0.0011J**	ND(0.0022)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)
Methyl-t-Butyl Ether (MTBE)	mg/L	0.0144	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Naphthalene	mg/L	0.000165	ND(0.00040)	ND(0.00040)	ND(0.010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
n-Butylbenzene	mg/L	0.238	ND(0.00040)	ND(0.00040)	ND(0.010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
N-Propylbenzene	mg/L	0.238	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Nitrate as N	mg/L	--	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
o-Xylene	mg/L	1	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
p-Isopropyltoluene	mg/L	0.834	ND(0.00025)	ND(0.00025)	ND(0.0063)	**0.0015**	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
sec-Butylbenzene	mg/L	0.238	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Styrene	mg/L	0.1	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Sulfate	mg/L	--	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
Tert-amyl-methyl ether (TAME)	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
tert-Butyl alcohol (TBA)	mg/L	63	ND(0.0050)	ND(0.0050)	ND(0.13)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.013)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	**0.019**	ND(0.0050)	ND(0.0050)	ND(0.0050)
tert-Butylbenzene	mg/L	0.238	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Tetrachloroethene	mg/L	0.005	**0.0010**	ND(0.00025)	ND(0.0063)	**0.00091**	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Toluene	mg/L	1	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
trans-1,2-Dichloroethene	mg/L	0.1	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
trans-1,3-Dichloropropene	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Trichloroethene	mg/L	0.005	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Trichlorofluoromethane	mg/L	1	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Vinyl chloride	mg/L	0.002	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Xylenes, Total	mg/L	10	ND(0.00050)	ND(0.00050)	ND(0.013)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0013)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)

Notes:
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the BCL
* - LCS or LCSD is outside acceptance limits
a - The BCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The BCL for m-xylene is 1,200 µg/L and the BCL for p-xylene is 1,

Analyte	Units	BCL[a]	Depth Below Ground Surface																									
			U4U5-63							U4U5-64							U4U5-65							U4U5-66					
			33'	57.5'	82'	102'	122'	142'	192'	242'	35'	58.5'	82'	102'	122'	142'	33'	57.5'	82'	103'	122'	142'	30'	56'	82'	102'	122'	142'
Perchlorate	mg/L	0.018	170	120	870	2,900	490	47	0.75	1.4	2,500	3,500	640	6,700	69	5.9	390	190	550	540	6.7	0.360	2,900	320	380	50	3.0	0.083
Hexavalent chromium	mg/L	0.1	8.1	9.3	24	63	15H	0.033	0.011	0.022	11	5.8	1.6	23H	0.26	0.021	8.8	13	22	17	0.150	0.016	12	0.65	0.10	0.12	0.021	0.027
Chromium	mg/L	0.1	9.1	8.2	8.4	75	15	0.14	0.28	0.035	9.2B	5.5B	2.7B	22	0.47	0.032	8.2	12	34	17	0.25	0.074	12	0.72	0.71	0.22	0.080	0.079
Total Dissolved Solids	mg/L	--	7,300	7,100	17,000	39,000	11,000	1,700	1,600	810	13,000	13,000	4,300	22,000	1,400	1,800	7,000	6,800	14,000	13,000	2,000	2,000	13,000	3,500	3,900	1,400	890	710
1,1,1,2-Tetrachloroethane	mg/L	0.000605	ND(0.0063)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1,1-Trichloroethane	mg/L	0.2	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1,2,2-Tetrachloroethane	mg/L	0.0000775	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1,2-Trichloroethane	mg/L	0.005	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1-Dichloroethane	mg/L	0.00279	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1-Dichloroethene	mg/L	0.007	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1-Dichloropropene	mg/L	--	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2,3-Trichlorobenzene	mg/L	--	ND(0.010)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
1,2,3-Trichloropropane	mg/L	0.0000026	ND(0.010)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
1,2,4-Trichlorobenzene	mg/L	0.07	ND(0.010)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
1,2,4-Trimethylbenzene	mg/L	0.0146	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2-Dibromo-3-Chloropropane	mg/L	0.000001	ND(0.013)	ND(0.0013)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.010)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.013)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)
1,2-Dibromoethane (EDB)	mg/L	0.00000755	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2-Dichlorobenzene	mg/L	0.6	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2-Dichloroethane	mg/L	0.005	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2-Dichloropropane	mg/L	0.005	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,3,5-Trimethylbenzene	mg/L	0.0145	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,3-Dichlorobenzene	mg/L	0.0807	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,3-Dichloropropane	mg/L	0.00824	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,4-Dichlorobenzene	mg/L	0.075	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
2,2-Dichloropropane	mg/L	--	ND(0.010)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
2-Butanone (MEK)	mg/L	7	ND(0.063)	ND(0.0063)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	**0.0048J**	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.050)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.063)	ND(0.0025)	**0.0036J**	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)
2-Chlorotoluene	mg/L	0.0902	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
2-Hexanone	mg/L	0.0626	ND(0.063)	ND(0.0063)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.050)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.063)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)
4-Chlorotoluene	mg/L	--	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
4-Methyl-2-pentanone (MIBK)	mg/L	2	ND(0.063)	ND(0.0063)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.050)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.063)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)
Acetone	mg/L	21	ND(0.25)	ND(0.025)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	**0.047**	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.20)	ND(0.010)	**0.014J**	ND(0.010)	ND(0.010)	ND(0.25)	**0.013J**	**0.030**	**0.016J**	ND(0.100)	ND(0.010)	ND(0.010)	**0.018J**	**0.013J**	ND(0.010)
Benzene	mg/L	0.005	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Bromobenzene	mg/L	0.0852	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Bromochloromethane	mg/L	--	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Bromodichloromethane	mg/L	0.000135	ND(0.0063)	ND(0.00063)	**0.0013**	**0.0025**	**0.00041J**	ND(0.00025)	ND(0.00025)	ND(0.00025)	**0.00049J**	ND(0.00025)	**0.00068**	ND(0.0050)	ND(0.00025)	ND(0.00025)	**0.00053**	**0.00026J**	ND(0.0063)	**0.00042J**	ND(0.00025)	ND(0.00025)	ND(0.0025)	**0.00036J**	**0.00029J**	ND(0.00025)	ND(0.00025)	ND(0.00025)
Bromoform	mg/L	0.00986	ND(0.010)	ND(0.0010)	**0.00069J**	**0.0017**	**0.00064J**	ND(0.00040)	ND(0.00040)	ND(0.00040)	**0.00069J**	ND(0.00040)	ND(0.00040)	ND(0.0080)	ND(0.00040)	ND(0.00040)	**0.0013**	ND(0.00040)	ND(0.010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	**0.00052J**	ND(0.00040)	ND(0.00040)	ND(0.00040)
Bromomethane	mg/L	0.00853	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Carbon tetrachloride	mg/L	0.005	ND(0.0063)	ND(0.00063)	**0.00094**	**0.0012**	**0.00028J**	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Chlorate	mg/L	--	**1,900**	**2,300**	**5,600**	**22,000**	**4,800**	**320**	**4.8**	**NA**	**2,700**	**2,300**	**610**	**8,000**	**89**	**5.7**	**1,900**	**1,800**	**8,200**	**7,200**	**99**	**4.8**	**3,200**	**260**	**310**	**45**	**2.5**	**0.072**
Chlorobenzene	mg/L	0.1	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Chloroethane	mg/L	0.0269	ND(0.010)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
Chloroform	mg/L	0.000223	**1.200**	**0.120**	**1.100**	**3.200**	**0.630**	**0.026**	ND(0.00025)	ND(0.00025)	**0.160**	**0.053**	**0.190**	**0.990**	**0.0099**	**0.00038J**	**0.240**	**0.027**	**1.800**	**0.860**	**0.0033**	ND(0.00025)	**0.580**	**0.023**	**0.032**	**0.00097**	ND(0.00025)	ND(0.00025)
Chloromethane	mg/L	0.00312	ND(0.0063)	ND(0.00063)	**0.00071**	**0.00031J**	**0.00080**	**0.00052**	**0.00033J**	**0.00057**	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	**0.00035J**	ND(0.0063)	ND(0.00025)	ND(0.00025)	**0.00032J**	ND(0.0025)	ND(0.00025)	**0.00068**	**0.00089**	**0.00032J**	**0.00082**
cis-1,2-Dichloroethene	mg/L	0.07	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
cis-1,3-Dichloropropene	mg/L	--	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Dibromochloromethane	mg/L	0.00017	ND(0.0063)	ND(0.00063)	**0.00053**	**0.00087**	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	**0.00030J**	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	**0.00046J**	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Dibromomethane	mg/L	0.00814	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Dichlorodifluoromethane	mg/L	0.393	ND(0.010)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
Ethylbenzene	mg/L	0.7	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Ethyl-t-butyl ether (ETBE)	mg/L	--	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Hexachlorobutadiene	mg/L	0.000999	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Isopropyl Ether (DIPE)	mg/L	--	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Isopropylbenzene	mg/L	0.667	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
m,p-Xylene	mg/L	1	ND(0.013)	ND(0.0013)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.010)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.013)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.0050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)
Methylene Chloride	mg/L	0.005	**0.029J B**	**0.0025J B**	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.018)	ND(0.00088)	ND(0.00088)	**0.00091J**	**0.0010J**	**0.037J**	ND(0.00088)	**0.0011J**	ND(0.00088)	ND(0.0088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	**0.00090J B**	ND(0.00088)
Methyl-t-Butyl Ether (MTBE)	mg/L	0.0144	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Naphthalene	mg/L	0.000165	ND(0.010)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
n-Butylbenzene	mg/L	0.238	ND(0.010)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0080)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.0040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
N-Propylbenzene	mg/L	0.238	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Nitrate as N	mg/L	--	**8.1H**	**8.6H**	**14H**	**44H**	**12H**	**2.7H**	**2.1H**		**0.63H**	**6.5H**	**2.3**	**23H**	**1.8**	**2.1**	**6.4H**	**6.3H**	**23**	**14**	**1.8**	**2.0**	**7.7H**	**1.6H**	**1.4H**	**2.1**	**1.3H**	**1.5H**
o-Xylene	mg/L	1	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
p-Isopropyltoluene	mg/L	0.834	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
sec-Butylbenzene	mg/L	0.238	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0050)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.0025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Styrene	mg/L	0.1	ND(0.0063)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND

Analyte	Units	BCL[a]	Depth Below Ground Surface																				
			U4U5-67			U4U5-68						U4U5-69			U4U5-70						U4U5-71		
			45'	67.5'	90'	45'	67.5'	90'	110'	130'	150'	40'	65'	90'	38'	65'	90'	110'	130'	150'	40'	65'	90'
Perchlorate	mg/L	0.018	**470**	**29**	**150**	**13**	**15**	**6.1**	**4.7**	**0.25**	**1.3**	**27**	**2.6**	**2.9**	**5.6**	**0.92**	**21**	**6.7**	**4.5**	**0.057**	**88**	**1.8**	**8.0**
Hexavalent chromium	mg/L	0.1	**2.6**	**1.2**	**10**	**0.28**	0.095	**0.017**	**0.079**	**0.0059**	ND(0.00025)	**0.073**	**0.043**	**0.19**	**0.021**		**0.049**	**0.00070J**	**0.0017J H**	**0.0060**	**0.045**	**0.025**	**0.28**
Chromium	mg/L	0.1	**3.1**	**1.1**	**8.9**	**0.32**	**0.094**	**0.049**	**0.23**	**0.37**	**0.77**	**5.0**	**0.13**	**0.31**	**0.51**	**0.22**	**0.93**	**0.013**	**0.36**	**0.30**	**0.24**	**0.25**	**0.29**
Total Dissolved Solids	mg/L	--	**4,500**	**2,100**	**4,900**	**2,200**	**1,800**	**1,700**	**1,900**	**820**	**820**	**5,000**	**2,600**	**2,100**	**3,700**		**2,000**	**2,200**	**1,300**	**860**	**3,700**	**2,100**	**1,600**
1,1,1,2-Tetrachloroethane	mg/L	0.000605	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1,1-Trichloroethane	mg/L	0.2	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)F	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1,2,2-Tetrachloroethane	mg/L	0.0000775	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1,2-Trichloroethane	mg/L	0.005	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1-Dichloroethane	mg/L	0.00279	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)F	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1-Dichloroethene	mg/L	0.007	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)F	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1-Dichloropropene	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)F	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2,3-Trichlorobenzene	mg/L	--	ND(0.00040)	ND(0.00040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
1,2,3-Trichloropropane	mg/L	0.0000026	ND(0.00040)	ND(0.00040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
1,2,4-Trichlorobenzene	mg/L	0.07	ND(0.00040)	ND(0.00040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
1,2,4-Trimethylbenzene	mg/L	0.0146	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2-Dibromo-3-Chloropropane	mg/L	0.000001	ND(0.00050)	ND(0.00050)	ND(0.0013)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)
1,2-Dibromoethane (EDB)	mg/L	0.00000755	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2-Dichlorobenzene	mg/L	0.6	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2-Dichloroethane	mg/L	0.005	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)F	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2-Dichloropropane	mg/L	0.005	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,3,5-Trimethylbenzene	mg/L	0.0145	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,3-Dichlorobenzene	mg/L	0.0807	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,3-Dichloropropane	mg/L	0.00824	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,4-Dichlorobenzene	mg/L	0.075	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
2,2-Dichloropropane	mg/L	--	ND(0.00040)	ND(0.00040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)F	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
2-Butanone (MEK)	mg/L	7	ND(0.0025)	ND(0.0025)	ND(0.0063)	ND(0.0025)	ND(0.0025)	ND(0.0025)	**0.0032J**	ND(0.0025)	**0.0047J**	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	**0.0056**	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)
2-Chlorotoluene	mg/L	0.0902	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
2-Hexanone	mg/L	0.0626	ND(0.0025)	ND(0.0025)	ND(0.0063)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	**0.0037J**	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)
4-Chlorotoluene	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
4-Methyl-2-pentanone (MIBK)	mg/L	2	ND(0.0025)	ND(0.0025)	ND(0.0063)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)
Acetone	mg/L	21	ND(0.010)	ND(0.010)	ND(0.025)	ND(0.010)	ND(0.010)	ND(0.010)	**0.012J**	ND(0.010)	**0.022**	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	**0.032**	**0.030**	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Benzene	mg/L	0.005	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	**0.00065**	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Bromobenzene	mg/L	0.0852	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Bromochloromethane	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)F	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Bromodichloromethane	mg/L	0.000135	**0.00043J**	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	**0.00046J**	ND(0.00025)	ND(0.00025)	ND(0.00025)	**0.00036J**	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	**0.00036J**
Bromoform	mg/L	0.00986	**0.00088J**	ND(0.00040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	**0.0018**	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
Bromomethane	mg/L	0.00853	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Carbon tetrachloride	mg/L	0.005	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Chlorate	mg/L	--	**650**	**230**	**1,500**	**85**	**55**	**48**	**46**	**2.7**	ND(0.010)	**320**	**26**	**46**	**23**	**7.4**	**39**	**24**	**15**	**0.19**	**110**	**7.5**	**72**	
Chlorobenzene	mg/L	0.1	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	**0.0019**	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Chloroethane	mg/L	0.0269	ND(0.00040)	ND(0.00040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
Chloroform	mg/L	0.000223	**0.081**	**0.089**	**0.190**	**0.0089**	**0.0072**	**0.0072**	**0.0081**	**0.00039J F2**	**0.0025**	**0.091**	**0.016**	**0.012**	**0.0016**	**0.0023**	**0.012**	**0.0036**	**0.00085**	ND(0.00025)	**0.0027**	**0.0031**	**0.012**	
Chloromethane	mg/L	0.00312	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
cis-1,2-Dichloroethene	mg/L	0.07	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)F	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
cis-1,3-Dichloropropene	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Dibromochloromethane	mg/L	0.00017	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Dibromomethane	mg/L	0.00814	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Dichlorodifluoromethane	mg/L	0.393	ND(0.00040)	ND(0.00040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
Ethylbenzene	mg/L	0.7	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Ethyl-t-butyl ether (ETBE)	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)F	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Hexachlorobutadiene	mg/L	0.000999	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Isopropyl Ether (DIPE)	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)F	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Isopropylbenzene	mg/L	0.667	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
m,p-Xylene	mg/L	1	ND(0.00050)	ND(0.00050)	ND(0.0013)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)
Methylene Chloride	mg/L	0.005	ND(0.00088)	ND(0.00088)	ND(0.0022)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)F	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)
Methyl-t-Butyl Ether (MTBE)	mg/L	0.0144	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)F	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	**0.0012**	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Naphthalene	mg/L	0.000165	ND(0.00040)	ND(0.00040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
n-Butylbenzene	mg/L	0.238	ND(0.00040)	ND(0.00040)	ND(0.0010)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
N-Propylbenzene	mg/L	0.238	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Nitrate as N	mg/L	--	**4.0**	**1.1**	**3.3**	**3.6**	**2.4**	**1.9**	**1.2**	**1.4**	ND(0.055)	**6.2H**	**3.1**	**2.6**	**4.3**	**1.2**	**1.2**	**0.51**	**0.47**	**1.5**	**2.2**	**0.90**	**1.4**	
o-Xylene	mg/L	1	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
p-Isopropyltoluene	mg/L	0.834	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
sec-Butylbenzene	mg/L	0.238	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Styrene	mg/L	0.1	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Sulfate	mg/L	--	**1,500**	**830**	**880**	**1,000**	**880**	**780**	**920**	**290**	**520**	**2,500**	**1,600**	**1,200**	**1,900**	**1,200**	**1,100**	**1,100**	**540**	**210**	**1,800**	**1200**	**870**	
Tert-amyl-methyl ether (TAME)	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
tert-Butyl alcohol (TBA)	mg/L	63	ND(0.0050)	ND(0.0050)	ND(0.013)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
tert-Butylbenzene	mg/L	0.238	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Tetrachloroethene	mg/L	0.005	**0.00036J**	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	**0.00059**	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Toluene	mg/L	1	ND(0.00025)	**0.0095**	**0.0036**	**0.0040**	**0.015**	**0.018**	**0.0036**	**0.00029J**	**0.0032**	ND(0.00025)	**0.0025**	**0.0031**	ND(0.00025)	**0.0027**	**0.021**	**0.012**	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	**0.00069**
trans-1,2-Dichloroethene	mg/L	0.1	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)F	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
trans-1,3-Dichloropropene	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Trichloroethene	mg/L	0.005	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Trichlorofluoromethane	mg/L	1	ND(0.00025)	ND(0.00025)	ND(0.00063)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND

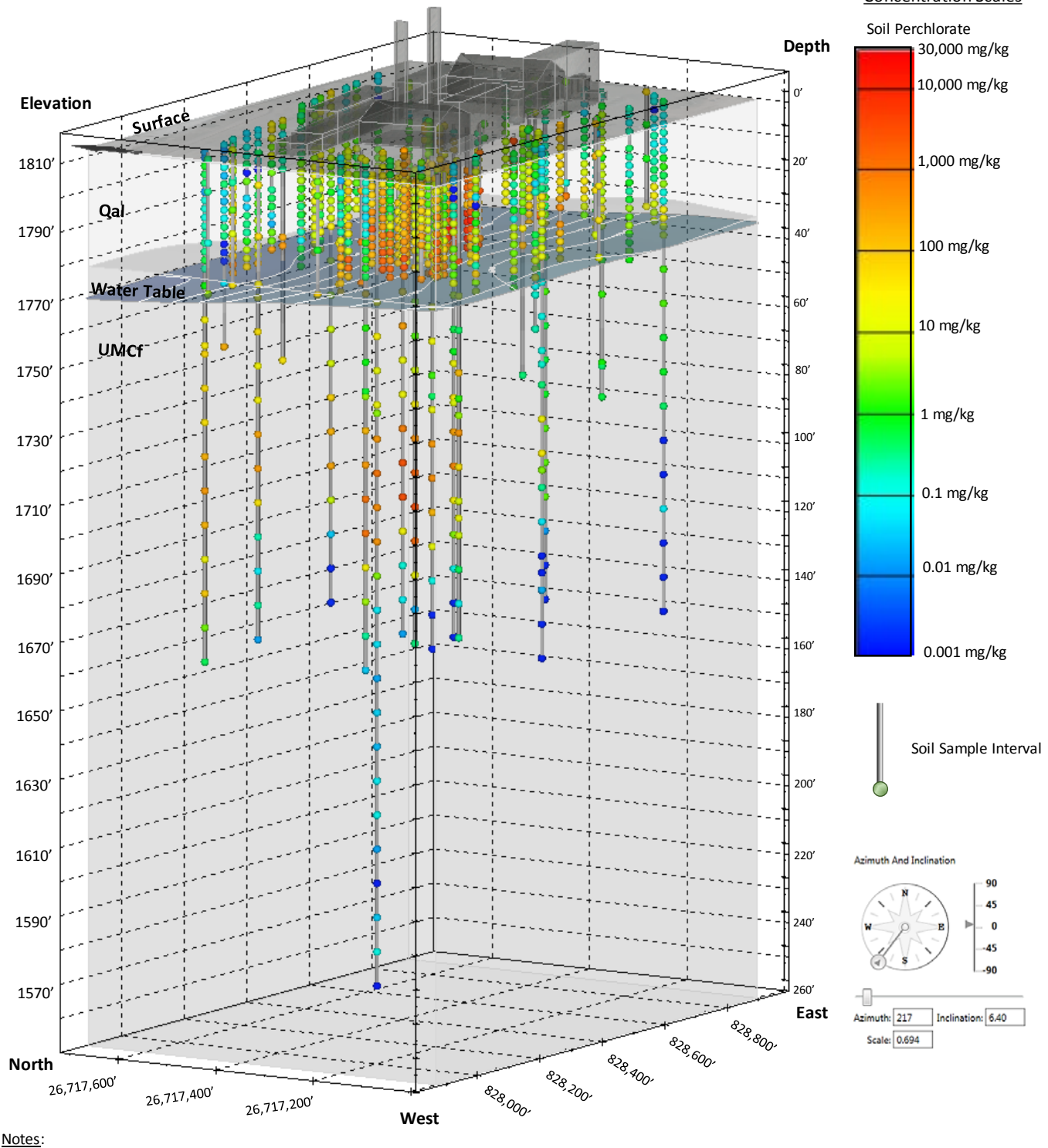
Analyte	Units	BCL[a]	Depth Below Ground Surface								
			U4U5-72						U4U5-73		
			45'	67.5'	90'	110'	130'	150'	45'	67.5'	90'
Perchlorate	mg/L	0.018	**15**	**5.6**	**2.9**	**2.6**	**0.68**	**0.089**	**12**	**5.7**	**3.4**
Hexavalent chromium	mg/L	0.1	**0.36H**	**0.17**	**0.0022**	ND(0.00025)	**0.012**	**0.062**	**0.25**	**0.27**	**0.046**
Chromium	mg/L	0.1	**0.74**	**0.72**	**0.097**	**0.034**	**0.22**	**0.19**	**0.37**	**0.39**	**0.061B**
Total Dissolved Solids	mg/L	--	**3,600**	**1,700**	**1,600**	**1,800**	**1,200**	**2,000**	**2,600**	**1,600**	**1,700**
1,1,1,2-Tetrachloroethane	mg/L	0.000605	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1,1-Trichloroethane	mg/L	0.2	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1,2,2-Tetrachloroethane	mg/L	0.0000775	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1,2-Trichloroethane	mg/L	0.005	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1-Dichloroethane	mg/L	0.00279	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1-Dichloroethene	mg/L	0.007	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,1-Dichloropropene	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2,3-Trichlorobenzene	mg/L	--	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
1,2,3-Trichloropropane	mg/L	0.0000026	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
1,2,4-Trichlorobenzene	mg/L	0.07	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
1,2,4-Trimethylbenzene	mg/L	0.0146	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2-Dibromo-3-Chloropropane	mg/L	0.000001	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)
1,2-Dibromoethane (EDB)	mg/L	0.00000755	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2-Dichlorobenzene	mg/L	0.6	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2-Dichloroethane	mg/L	0.005	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,2-Dichloropropane	mg/L	0.005	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,3,5-Trimethylbenzene	mg/L	0.0145	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,3-Dichlorobenzene	mg/L	0.0807	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,3-Dichloropropane	mg/L	0.00824	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
1,4-Dichlorobenzene	mg/L	0.075	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
2,2-Dichloropropane	mg/L	--	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
2-Butanone (MEK)	mg/L	7	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	**0.0031J**	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)
2-Chlorotoluene	mg/L	0.0902	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
2-Hexanone	mg/L	0.0626	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)
4-Chlorotoluene	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
4-Methyl-2-pentanone (MIBK)	mg/L	2	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)
Acetone	mg/L	21	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	**0.030**	ND(0.010)	ND(0.010)	ND(0.010)
Benzene	mg/L	0.005	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Bromobenzene	mg/L	0.0852	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Bromochloromethane	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Bromodichloromethane	mg/L	0.000135	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Bromoform	mg/L	0.00986	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
Bromomethane	mg/L	0.00853	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Carbon tetrachloride	mg/L	0.005	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Chlorate	mg/L	--	**160**	**25**	**40**	**29**	**5.8**	**0.64**	**140**	**66**	**27**
Chlorobenzene	mg/L	0.1	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Chloroethane	mg/L	0.0269	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
Chloroform	mg/L	0.000223	**0.0080**	**0.0074**	**0.0060**	**0.0034**	**0.00029J**	ND(0.00025)	**0.0085**	**0.0080**	**0.0051**
Chloromethane	mg/L	0.00312	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
cis-1,2-Dichloroethene	mg/L	0.07	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
cis-1,3-Dichloropropene	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Dibromochloromethane	mg/L	0.00017	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Dibromomethane	mg/L	0.00814	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Dichlorodifluoromethane	mg/L	0.393	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
Ethylbenzene	mg/L	0.7	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Ethyl-t-butyl ether (ETBE)	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Hexachlorobutadiene	mg/L	0.000999	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Isopropyl Ether (DIPE)	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Isopropylbenzene	mg/L	0.667	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
m,p-Xylene	mg/L	1	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)
Methylene Chloride	mg/L	0.005	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)	ND(0.00088)
Methyl-t-Butyl Ether (MTBE)	mg/L	0.0144	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Naphthalene	mg/L	0.000165	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
n-Butylbenzene	mg/L	0.238	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)	ND(0.00040)
N-Propylbenzene	mg/L	0.238	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Nitrate as N	mg/L	--	**25**	**2.0**	**1.7**	**0.93**	**1.4**	**1.8**	**3.1**	**1.7**	**2.2**
o-Xylene	mg/L	1	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
p-Isopropyltoluene	mg/L	0.834	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
sec-Butylbenzene	mg/L	0.238	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Styrene	mg/L	0.1	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Sulfate	mg/L	--	**1,700**	**830**	**730**	**790**	**370**	**360**	**1,000**	**770**	**810**
Tert-amyl-methyl ether (TAME)	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
tert-Butyl alcohol (TBA)	mg/L	63	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
tert-Butylbenzene	mg/L	0.238	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Tetrachloroethene	mg/L	0.005	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Toluene	mg/L	1	**0.0011**	**0.0013**	**0.0018**	ND(0.00025)	ND(0.00025)	ND(0.00025)	**0.00062**	**0.0010**	**0.0051**
trans-1,2-Dichloroethene	mg/L	0.1	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
trans-1,3-Dichloropropene	mg/L	--	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Trichloroethene	mg/L	0.005	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Trichlorofluoromethane	mg/L	1	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Vinyl chloride	mg/L	0.002	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)	ND(0.00025)
Xylenes, Total	mg/L	10	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)

Notes:
Bold value indicates analyte was detected above the MDL
Yellow cells indicate an exceedance of the BCL
* - LCS or LCSD is outside acceptance limits
a - The BCLs are found in the table, "Nevada Division of Environmental Protection, Basic Comparison Levels" dated February 20, 2015
b - The BCL for m-xylene is 1,200 µg/L and the BCL for p-xylene is 1,200 µg/L
c - VOCs were not analyzed for the sample collected at 50 feet bgs from U4U5-26 due to laboratory mishandling of the sample
B - Compound was found in the blank and sample
BCL - Basic Comparison Level
F1 - MS and/or MSD Recovery is outside acceptance limits
H - Sample was prepped or analyzed beyond the specified holding time
ID - Analyte identified by RT & presence of single mass ion
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicates
MDL - method detection limit
MS/MSD - Matrix Spike/Matrix Spike Duplicate
mg/L - milligram per liter
ND (0.25) - non-detect at the laboratory method detection limit shown in parentheses
RL - reporting limit
RT - retention time
VOCs - Volatile Organic Compounds

Attachment E
Three-Dimensional Visualizations

PERCHLORATE IN SOIL THREE-DIMENSIONAL VISUALIZATIONS

- Figure E-1 displays the locations and concentrations of soil samples collected within the Investigation Area. Each colored sphere represents a collected and analyzed soil sample. Each sphere is color-coded to indicate the concentration of perchlorate detected in the soil sample.
- Figure E-2 provides a series of three-dimensional visualizations of the perchlorate mass in soil at concentrations of 10, 100, and 1,000 mg/Kg. The visualizations show that the perchlorate mass is centered at two depth intervals below the Unit 4 building; in the Qal between approximately 25 feet and 35 feet bgs, and in the UMCf between approximately 90 feet and 110 feet bgs. Perchlorate concentrations are lower in the coarser grained interval of the UMCf immediately below the Qal.
- Figure E-3 presents two-dimensional plan view sections at different depth/elevation intervals. Figure E-3 shows that the perchlorate mass in soil is concentrated along the eastern and western sides of the Unit 4 building in the Qal at 33 feet bgs and below and to the north of the Unit 4 building at 93 feet and 113 feet bgs.
- Figures E-4 and E-5 present cross-section views across the Investigation Area.
    - Figure E-4 includes three cross-section views; upgradient of Unit 4 and 5, through Unit 4 and 5, and downgradient of Unit 4 and 5 perpendicular to groundwater flow.
    - Figure E-5 includes three cross-section views; through Unit 4, between Unit 4 and 5; and through Unit 5 parallel to groundwater flow.
    - The cross sections show the highest perchlorate concentrations in soil are below and north of the Unit buildings and centered at approximately 35 feet bgs in the Qal and 110 feet bgs in the UMCf.



Notes:

1. Water table surface based on June 2016 groundwater elevation data.
2. Colored spheres show soil perchlorate concentration.
3. Vertical Exaggeration: 6:1 Vertical:Horizontal (below ground).
4. mg/kg: milligrams per kilogram (soil).

TETRA TECH
www.tetratech.com
150 S. 4th Street, Unit A
Henderson, Nevada 89015
PHONE: (702) 966-8340

NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND UNIT 5 BUILDINGS INVESTIGATION SECOND MOBILIZATION
HENDERSON, NEVADA

PERCHLORATE SOIL SAMPLE RESULTS

Project No.:	117-7502017
Date:	April 26, 2017
Designed By:	MRB

Figure No.
E-1

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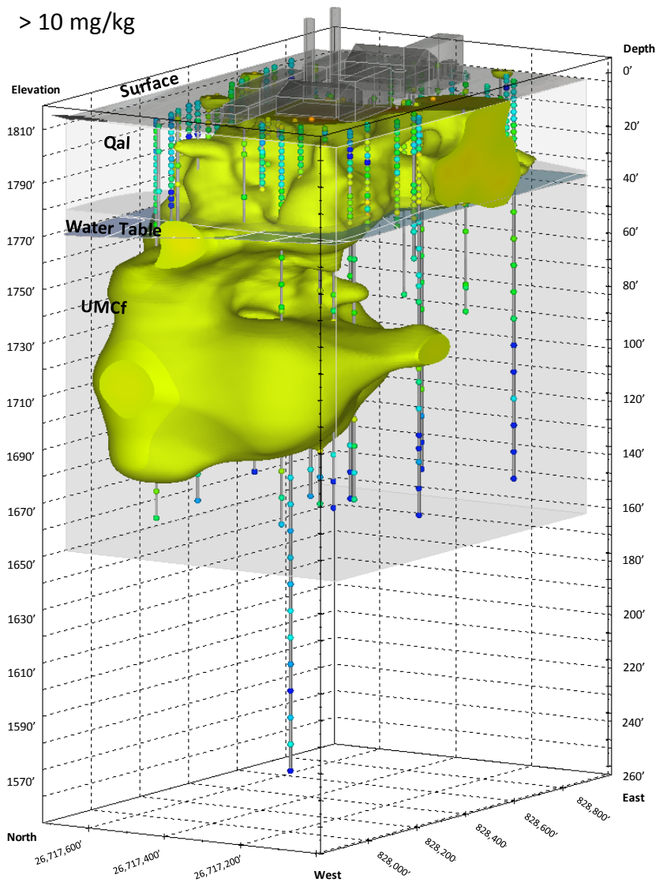
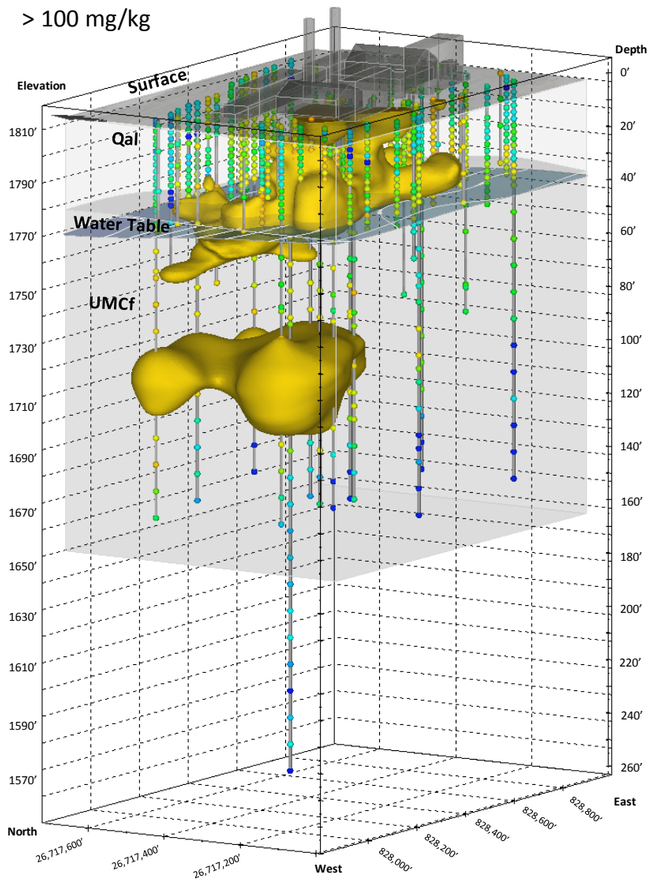
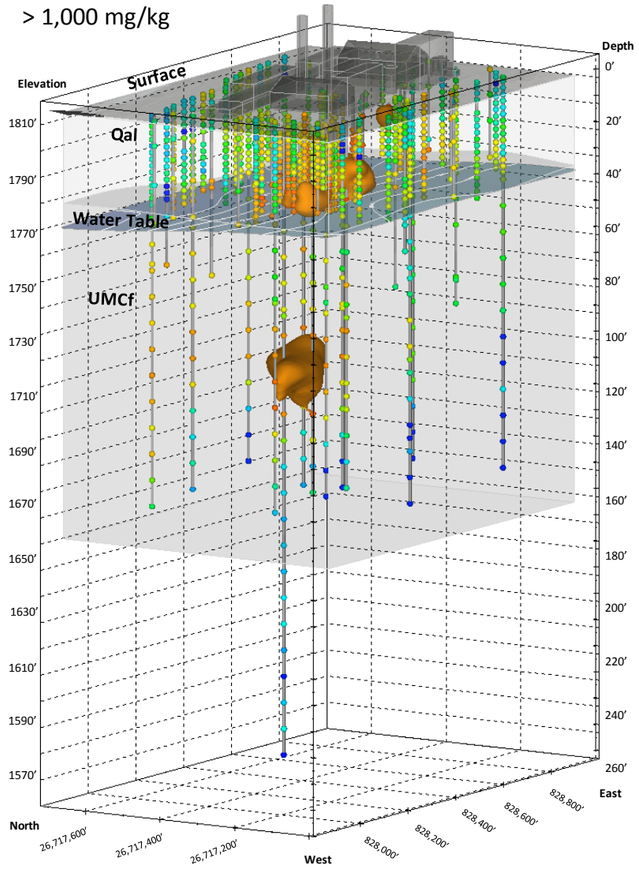






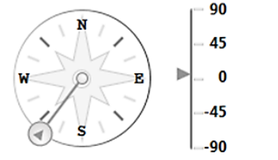
Concentration Scales

Soil Perchlorate

30,000 mg/kg
10,000 mg/kg
1,000 mg/kg
100 mg/kg
10 mg/kg
1 mg/kg
0.1 mg/kg
0.01 mg/kg
0.001 mg/kg

Soil Sample Interval

Azimuth And Inclination



Azimuth: 217 Inclination: 6.40

Scale: 0.694

Notes:

1. Data interpolation truncated below 163 ft bgs due to insufficient data.
2. Water table surface based on June 2016 groundwater elevation data.
3. Colored spheres show soil perchlorate concentration.
4. Vertical Exaggeration: 6:1 Vertical:Horizontal(below ground).
5. mg/kg: milligrams per kilogram (soil).
6. Data gap present underneath the Unit 5 building; concentrations shown are interpolated by EVS using the closest available data.

TETRA TECH
www.tetratech.com
150 S. 4th Street, Unit A
Henderson, Nevada 89015
PHONE: (702) 966-8340

NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

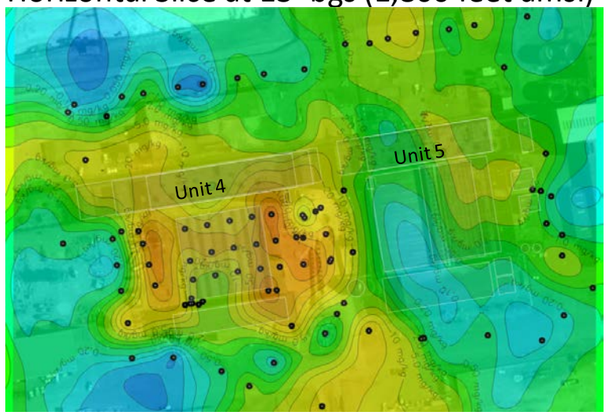
UNIT 4 AND UNIT 5 BUILDINGS INVESTIGATION SECOND MOBILIZATION
HENDERSON, NEVADA

PERCHLORATE DISTRIBUTION IN SOIL

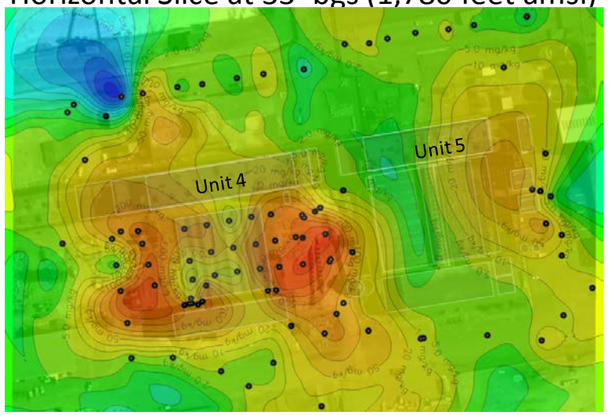
Project No.:	117-7502017
Date:	April 26, 2017
Designed By:	MRB

Figure No.
E-2

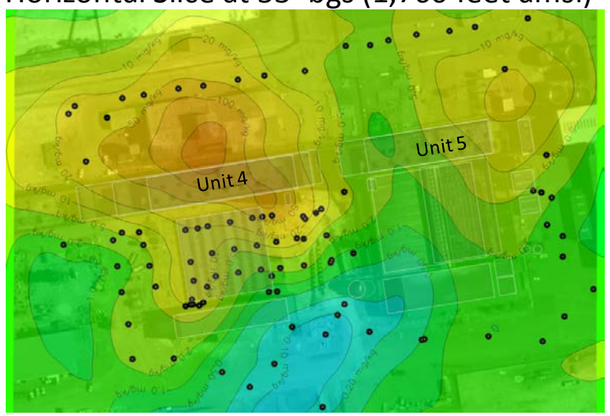
Horizontal Slice at 13’ bgs (1,800 feet amsl)



Horizontal Slice at 33’ bgs (1,780 feet amsl)



Horizontal Slice at 53’ bgs (1,760 feet amsl)



Concentration Scales

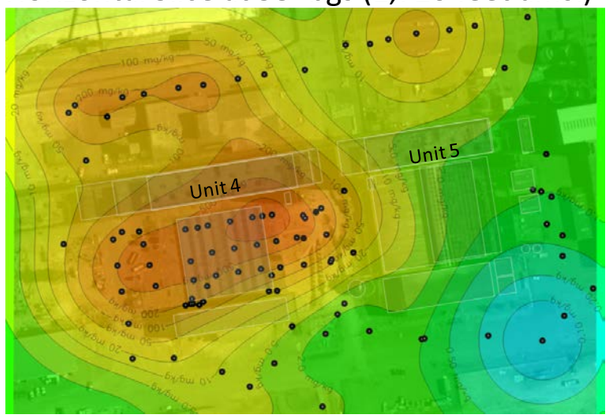
Soil Perchlorate

- 30,000 mg/kg
- 10,000 mg/kg
- 1,000 mg/kg
- 100 mg/kg
- 10 mg/kg
- 1 mg/kg
- 0.1 mg/kg
- 0.01 mg/kg
- 0.001 mg/kg

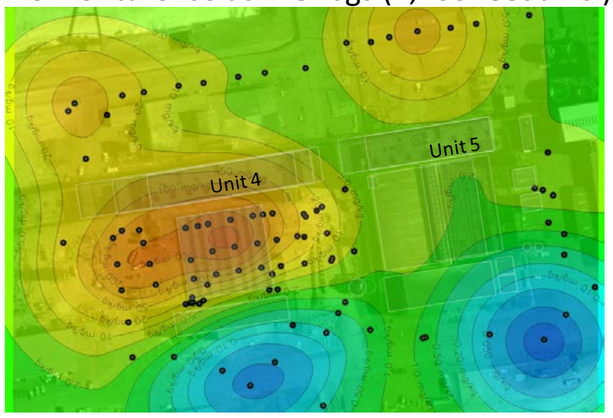
● Borehole Location

N

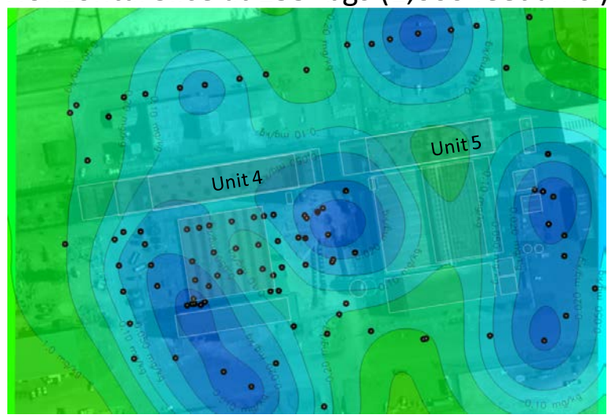
Horizontal Slice at 93’ bgs (1,720 feet amsl)



Horizontal Slice at 113’ bgs (1,700 feet amsl)



Horizontal Slice at 153’ bgs (1,660 feet amsl)



Notes:

1. Ground surface elevation is assumed to be 1,813 ft amsl for the purposes of illustrated depth.
2. Data gap present underneath the Unit 5 building; concentrations shown are interpolated by EVS using the closest available data.

TETRA TECH
www.tetratech.com
150 S. 4th Street, Unit A
Henderson, Nevada 89015
PHONE: (702) 966-8340

NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND UNIT 5 BUILDINGS INVESTIGATION SECOND MOBILIZATION
HENDERSON, NEVADA

2D VISUALIZATION PLAN VIEW OF PERCHLORATE DISTRIBUTION IN SOIL, UNITS 4 AND 5

Project No.:	117-7502017
Date:	April 26, 2017
Designed By:	MRB

Figure No.
E-3

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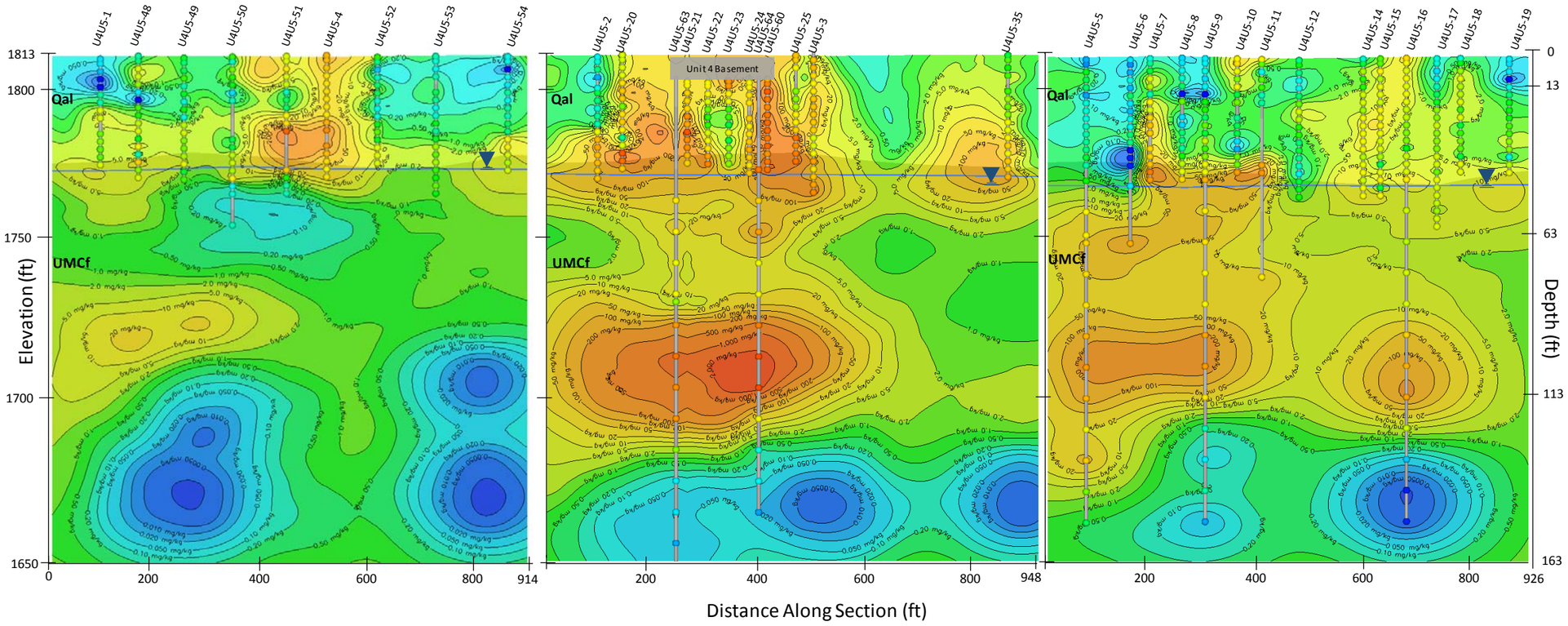
Transect Locations

Upgradient (South)

Through Units 4 and 5

Downgradient (North)



Concentration Scales

Soil Perchlorate

- 30,000 mg/kg
- 10,000 mg/kg
- 1,000 mg/kg
- 100 mg/kg
- 10 mg/kg
- 1 mg/kg
- 0.1 mg/kg
- 0.01 mg/kg
- 0.001 mg/kg

Water Table Surface

Soil Sample Interval

Notes:

1. Vertical exaggeration: 6:1.
2. Sections are shown looking North.
3. Colored spheres show soil perchlorate concentration.
4. Water table surface based on June 2016 groundwater elevation data.
5. Data interpolation truncated below 163 ft bgs due to insufficient data.
6. Ground surface elevation is assumed to be 1,813 ft amsl for the purposes of illustrated depth.
7. Data gap present underneath the Unit 5 building; concentrations shown are interpolated by EVS using the closest available data.

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150 S. 4th Street, Unit A
Henderson, Nevada 89015
PHONE: (702) 966-8340

NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND UNIT 5 BUILDINGS INVESTIGATION SECOND MOBILIZATION
HENDERSON, NEVADA

2D VISUALIZATION EAST-WEST CROSS SECTIONS OF PERCHLORATE DISTRIBUTION IN SOIL, UNITS 4 AND 5

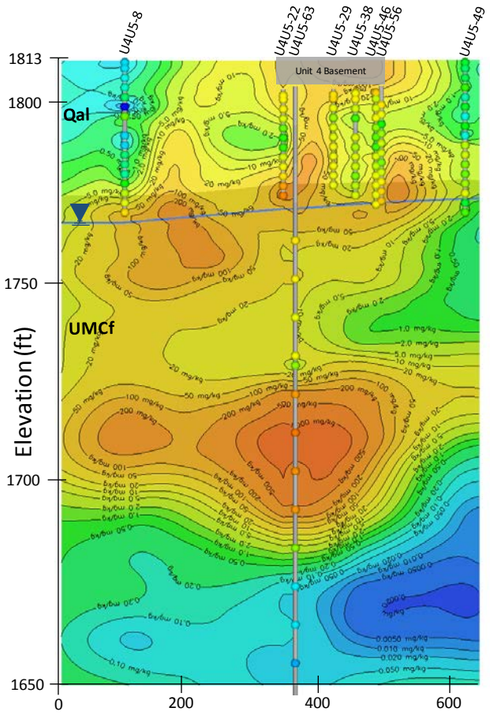
Project No.:	117-7502017
Date:	April 26, 2017
Designed By:	MRB

Figure No. **E-4**

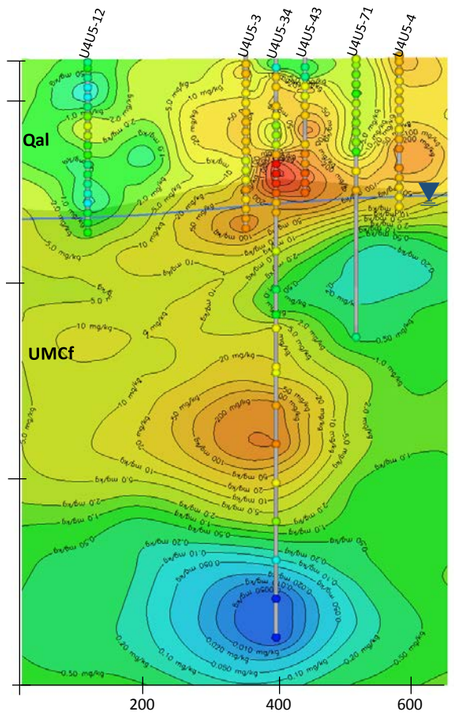
\\geos051\ts1\GEOLVOL1\PROJECTS\NERT\M02\February Meeting\Figures\Fig E-4 - Perchlorate Soil Sections EW.pptx

Transect Locations

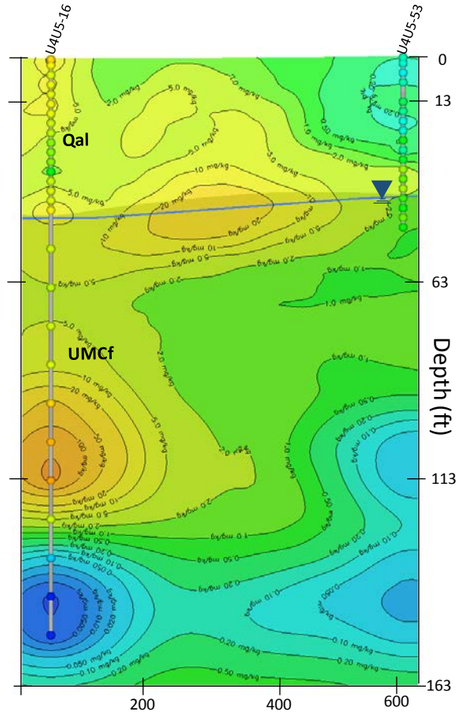
Through Unit 4



Between Units

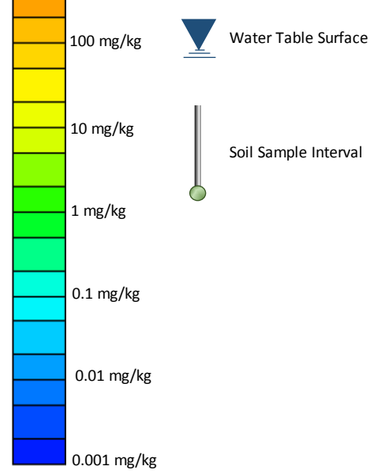


Through Unit 5



Distance Along Section (ft)

Concentration Scales



Notes:

1. Vertical exaggeration: 6:1.
2. Sections are shown looking East.
3. Colored spheres show soil perchlorate concentration.
4. Water table surface based on June 2016 groundwater elevation data.
5. Data interpolation truncated below 163 ft bgs due to insufficient data.
6. Ground surface elevation is assumed to be 1,813 ft amsl for the purposes of illustrated depth.
7. Data gap present underneath the Unit 5 building; concentrations shown are interpolated by EVS using the closest available data.

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Henderson, Nevada 89015
PHONE: (702) 966-8340

NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND UNIT 5 BUILDINGS INVESTIGATION SECOND MOBILIZATION
HENDERSON, NEVADA

2D VISUALIZATION NORTH-SOUTH CROSS SECTIONS OF PERCHLORATE DISTRIBUTION IN SOIL, UNITS 4 AND 5

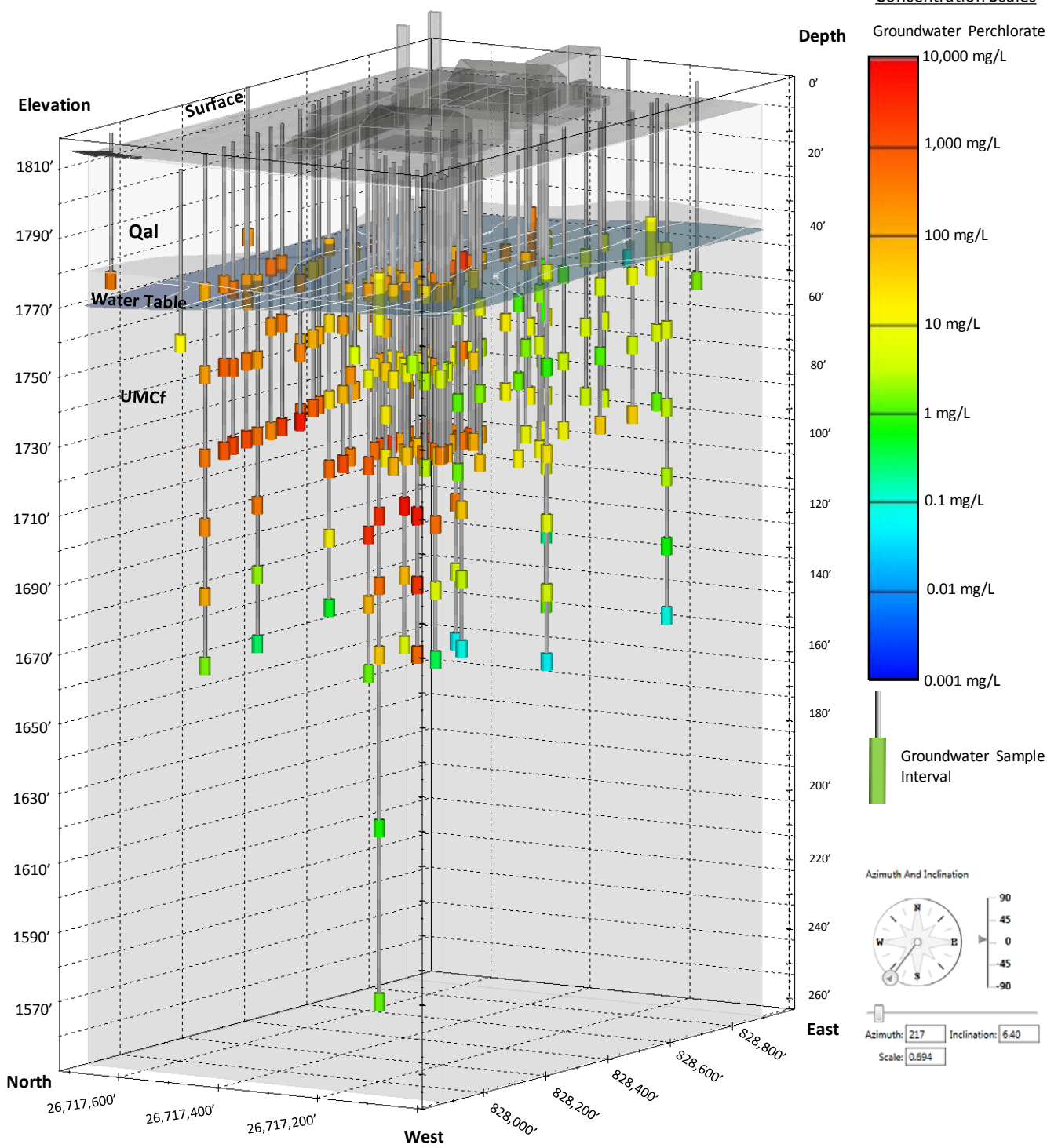
Project No.:	117-7502017
Date:	April 26, 2017
Designed By:	MRB

Figure No.
E-5

\\geos05161\GEOLVVOL1\PROJECTS\NERTM\02\February Meeting\Figures\Fig E-5 - Perchlorate Soil Sections NS.pptx

PERCHLORATE IN GROUNDWATER THREE-DIMENSIONAL VISUALIZATIONS

- Figure E-6 displays the locations and concentrations of groundwater samples collected within the Investigation Area. Each colored cylinder represents a collected and analyzed groundwater sample. Each cylinder is color-coded to indicate the concentration of perchlorate detected in the groundwater sample.
- Figure E-7 provides a series of three-dimensional visualizations of the perchlorate mass in groundwater at concentrations of 10, 100, and 1,000 mg/L. The visualizations show that the perchlorate mass in groundwater is centered below and downgradient of the Unit 4 building in the UMCf between approximately 90 feet and 110 feet bgs. Perchlorate concentrations are lower in groundwater samples collected above 90 feet in the coarser intervals of the UMCf.
- Figure E-8 presents two-dimensional plan view sections at different depth/elevation intervals. Figure E-8 shows that the perchlorate mass in groundwater is concentrated along the northwestern corner of the Unit 4 building and downgradient of the Unit 4 and Unit 5 buildings at 93 feet to 113 feet bgs.
- Figures E-9 and E-10 present cross-section views across the Investigation Area.
    - Figure E-9 includes three cross-section views; upgradient of Unit 4 and 5, through Unit 4 and 5, and downgradient of Unit 4 and 5 perpendicular to groundwater flow.
    - Figure E-10 includes three cross-section views; through Unit 4, between Unit 4 and 5; and through Unit 5 parallel to groundwater flow.
    - The cross sections show the highest perchlorate concentrations in groundwater are below and downgradient of the Unit buildings and centered at approximately 90 feet to 110 feet bgs in the UMCf.



Notes:

1. Water table surface based on June 2016 groundwater elevation data.
2. Colored tubes show groundwater perchlorate concentrations.
3. Vertical Exaggeration: 6:1 Vertical:Horizontal (below ground).
4. mg/L: milligrams per liter (groundwater).

\\geos051\c1\GEOLVOL1\PROJECTS\NERT\M02\February Meeting\Figures\Fig E-6 - Perchlorate GW 3D85_11.pptx

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

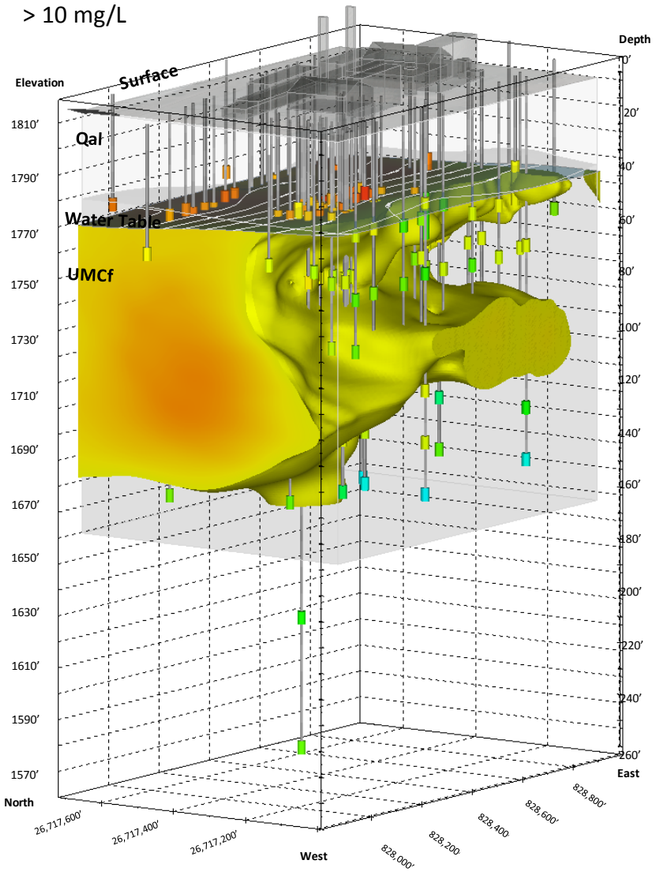
UNIT 4 AND UNIT 5 BUILDINGS INVESTIGATION SECOND MOBILIZATION
HENDERSON, NEVADA

PERCHLORATE GROUNDWATER SAMPLE RESULTS

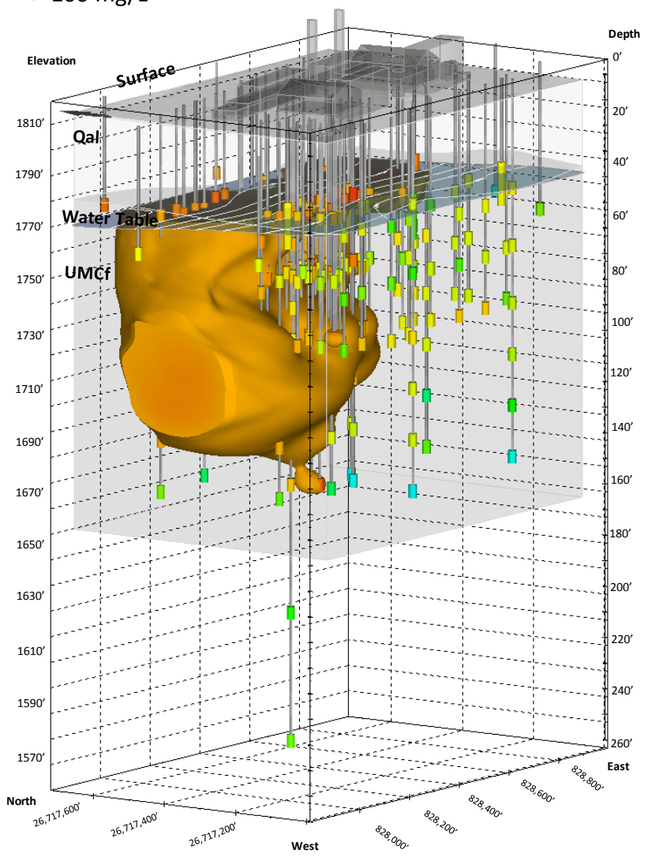
Project No.:	117-7502017
Date:	April 26, 2017
Designed By:	MRB

Figure No.
E-6

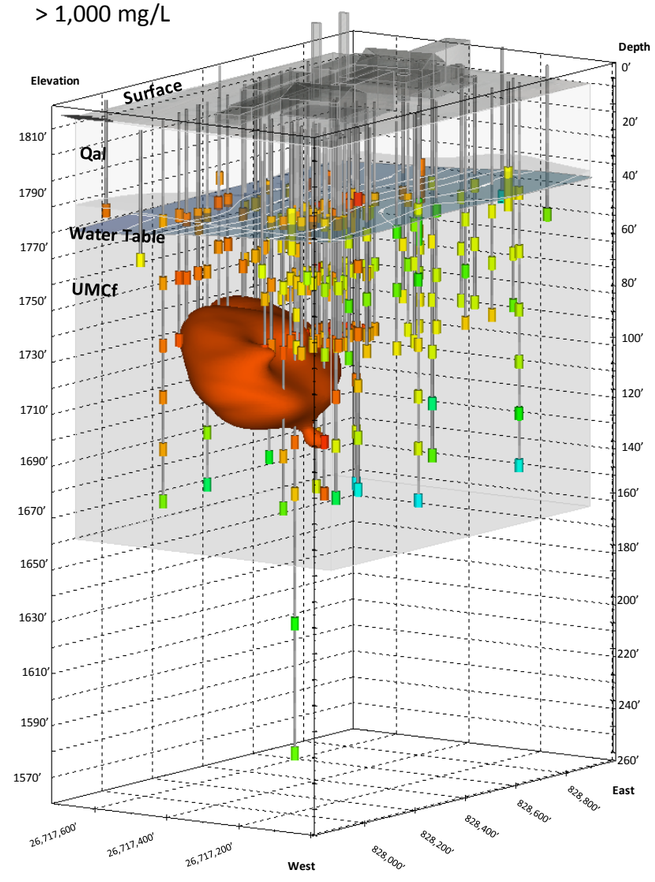
> 10 mg/L



> 100 mg/L

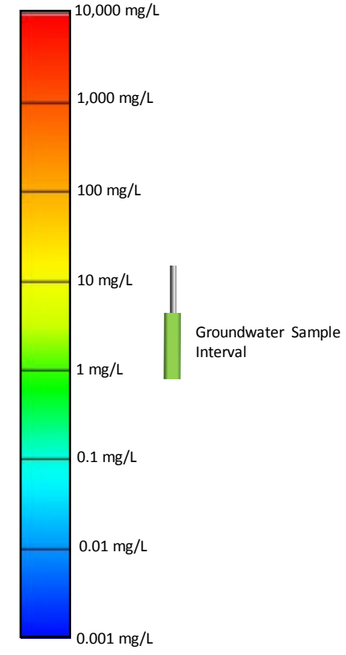


> 1,000 mg/L

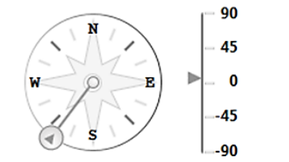


Concentration Scales

Groundwater Perchlorate



Azimuth And Inclination



Azimuth: 217 Inclination: 6.40

Scale: 0.694

Notes:

1. Data interpolation truncated below 163 ft bgs due to insufficient data.
2. Water table surface based on June 2016 groundwater elevation data.
3. Colored tubes show groundwater perchlorate concentration.
4. Vertical Exaggeration: 6:1 Vertical:Horizontal (below ground).
5. mg/L: milligrams per liter (groundwater).
6. Data gap present underneath the Unit 5 building; concentrations shown are interpolated by EVS using the closest available data.

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150 S. 4th Street, Unit A
Henderson, Nevada 89015
PHONE: (702) 966-8340

NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND UNIT 5 BUILDINGS INVESTIGATION SECOND MOBILIZATION
HENDERSON, NEVADA

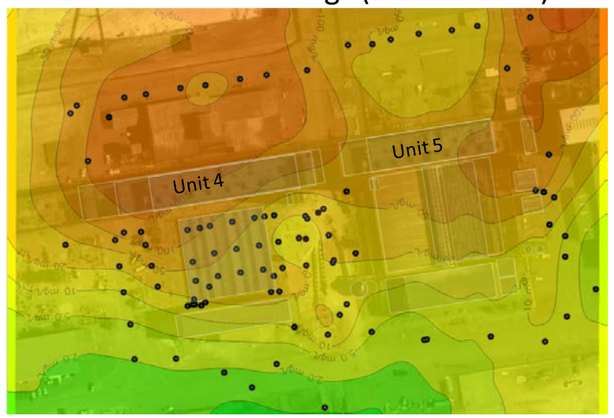
PERCHLORATE DISTRIBUTION IN GROUNDWATER

Project No.:	117-7502017
Date:	April 26, 2017
Designed By:	MRB

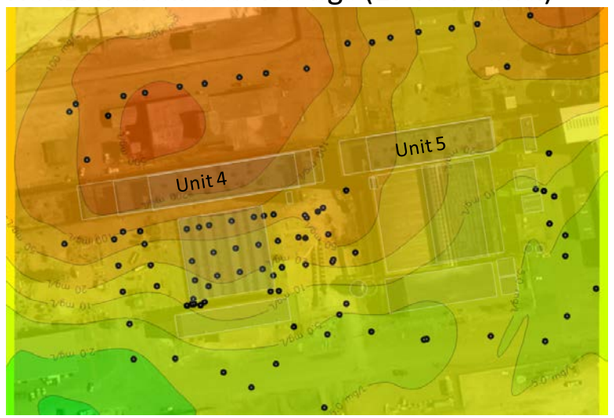
Figure No.
E-7

\\geos05\1s1\GEOLVOL1\PROJECTS\NERTM02\February Meeting\Figures\Fig E-7 - Perchlorate GW 3D.pptx

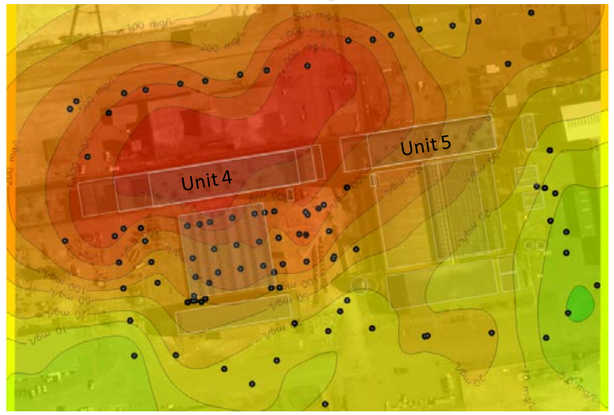
Horizontal Slice at 53’ bgs (1760 ft amsl)



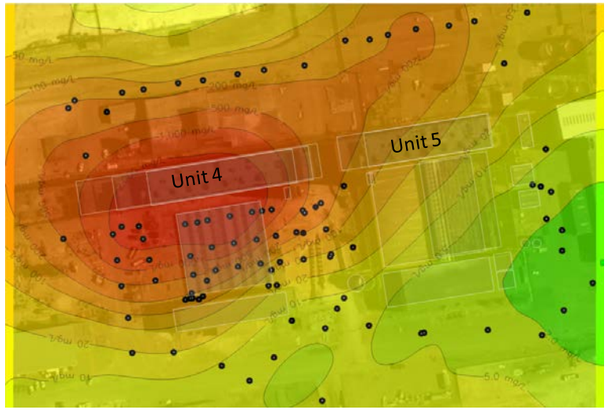
Horizontal Slice at 73’ bgs (1740 ft amsl)



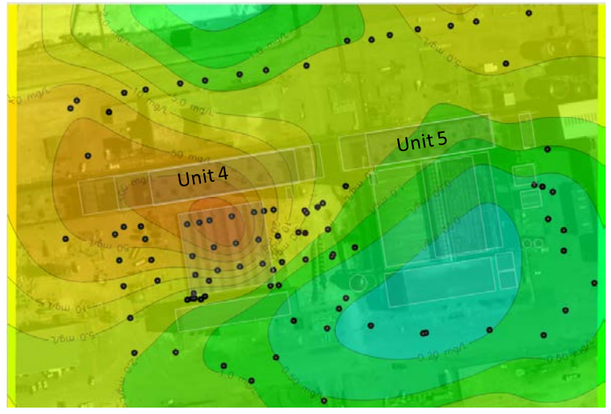
Horizontal Slice at 93’ bgs (1720 ft amsl)



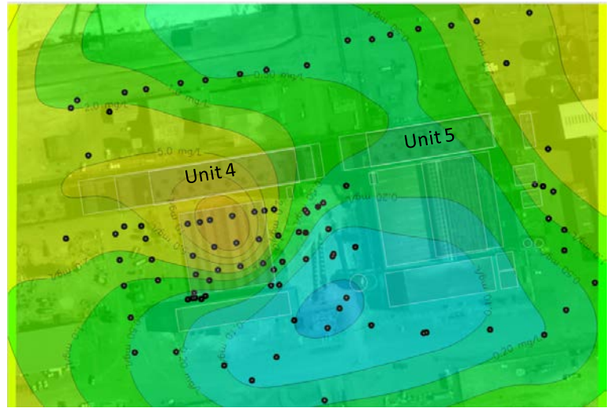
Horizontal Slice at 113’ bgs (1700 ft amsl)



Horizontal Slice at 133’ bgs (1680 ft amsl)

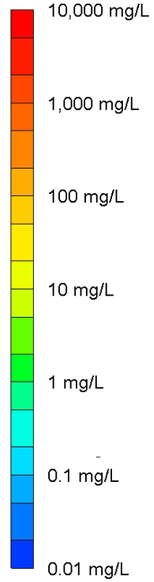


Horizontal Slice at 153’ bgs (1660 ft amsl)



Concentration Scales

Groundwater Perchlorate



Borehole Location

Notes:

1. Ground surface elevation is assumed to be 1,813 ft amsl for the purposes of illustrated depth
2. Data gap present underneath the Unit 5 building; concentrations shown are interpolated by EVS using the closest available data.

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150 S. 4th Street, Unit A
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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND UNIT 5 BUILDINGS INVESTIGATION SECOND MOBILIZATION
HENDERSON, NEVADA

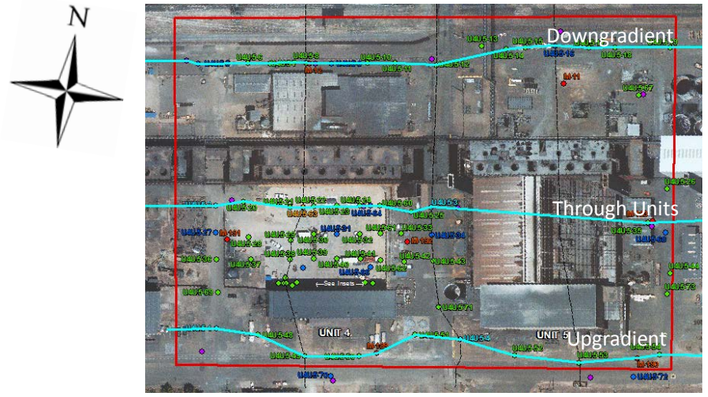
2D VISUALIZATION PLAN VIEW OF PERCHLORATE DISTRIBUTION IN GROUNDWATER, UNITS 4 AND 5

Project No.:	117-7502017
Date:	April 26, 2017
Designed By:	MRB

Figure No.
E-8

\\geos051s1\GEOLVOL1\PROJECTS\NERTM02\February Meeting\Figures\Fig E-8 - Perchlorate 2D GW_v2.pptx

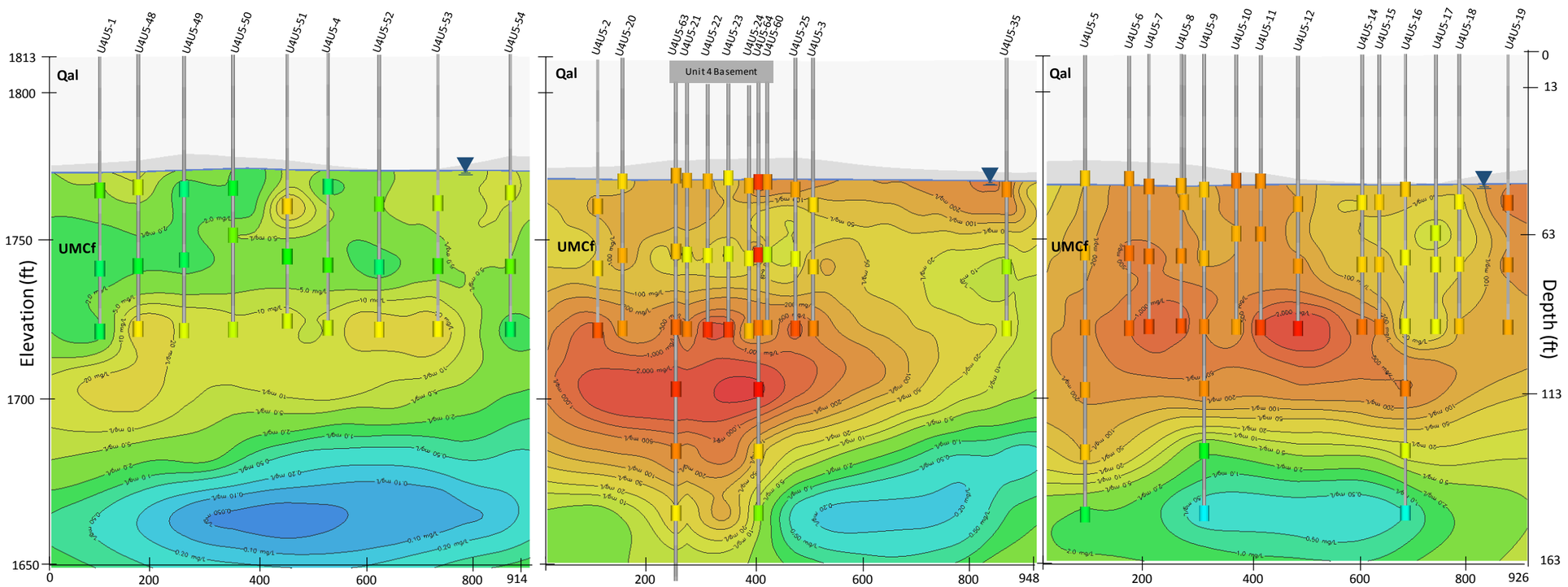
Transect Locations



Upgradient (South)

Through Units 4 and 5

Downgradient (North)



Concentration Scales

Groundwater Perchlorate

- 10,000 mg/L
- 1,000 mg/L
- 100 mg/L
- 10 mg/L
- 1 mg/L
- 0.1 mg/L
- 0.01 mg/L

Water Table Surface

Groundwater Sample Interval

Notes:

1. Vertical exaggeration: 6:1.
2. Sections are shown looking North.
3. Colored tubes show groundwater perchlorate concentration.
4. Water table surface based on June 2016 groundwater elevation data.
5. Data interpolation truncated below 163 ft bgs due to insufficient data.
6. Ground surface elevation is assumed to be 1,813 ft amsl for the purposes of illustrated depth.
7. Data gap present underneath the Unit 5 building; concentrations shown are interpolated by EVS using the closest available data.

TETRA TECH
www.tetratech.com
150 S. 4th Street, Unit A
Henderson, Nevada 89015
PHONE: (702) 966-8340

NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND UNIT 5 BUILDINGS INVESTIGATION SECOND MOBILIZATION
HENDERSON, NEVADA

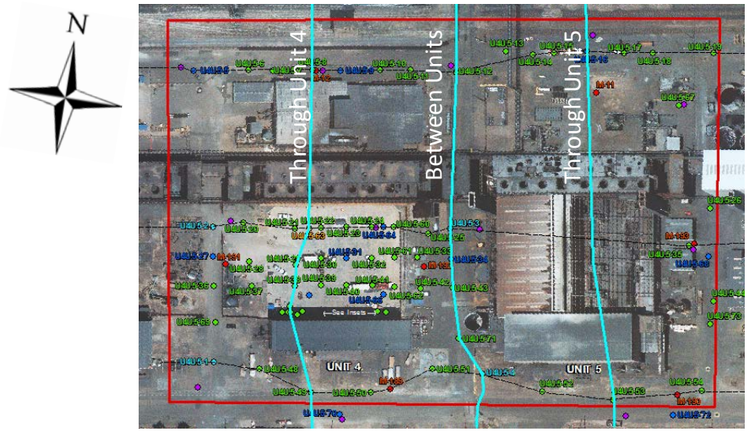
2D VISUALIZATION EAST-WEST CROSS SECTIONS OF PERCHLORATE DISTRIBUTION IN GROUNDWATER, UNITS 4 AND 5

Project No.:	117-7502017
Date:	April 27, 2017
Designed By:	MRB

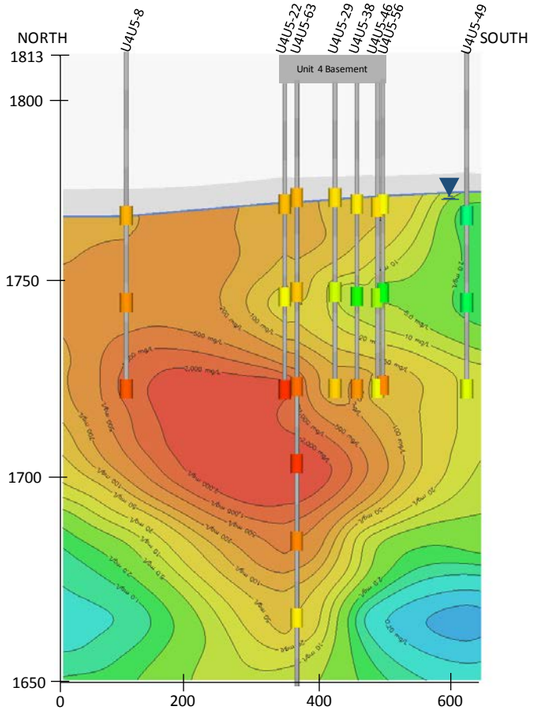
Figure No.
E-9

\\geos05\ts1\GEOLVOL1\PROJECTS\NERTM02\February Meeting\Figures\ Fig E-9 - Perchlorate GW Sections EW.pptx

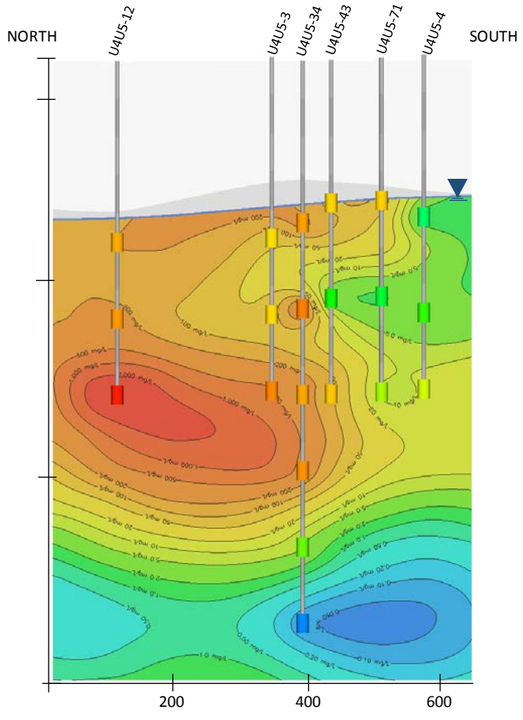
Transect Locations



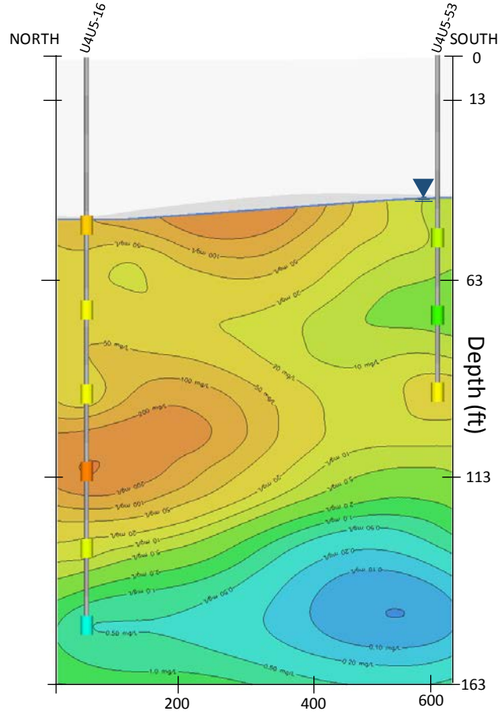
Through Unit 4



Between Units



Through Unit 5



Concentration Scales

Groundwater Perchlorate

- 10,000 mg/L
- 1,000 mg/L
- 100 mg/L
- 10 mg/L
- 1 mg/L
- 0.1 mg/L
- 0.01 mg/L

Water Table Surface

Groundwater Sample Interval

Notes:

1. Vertical exaggeration: 6:1.
2. Sections are shown looking East.
3. Colored tubes show groudnwater perchlorate concentration.
4. Water table surface based on June 2016 groundwater elevation data.
5. Data interpolation truncated below 163 ft bgs due to insufficient data.
6. Ground surface elevation is assumed to be 1,813 ft amsl for the purposes of illustrated depth.
7. Data gap present underneath the Unit 5 building; concentrations shown are interpolated by EVS using the closest available data.

TETRA TECH
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150 S. 4th Street, Unit A
Henderson, Nevada 89015
PHONE: (702) 966-8340

NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

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HENDERSON, NEVADA

2D VISUALIZATION NORTH-SOUTH CROSS SECTIONS OF PERCHLORATE DISTRIBUTION IN GROUNDWATER, UNITS 4 AND 5

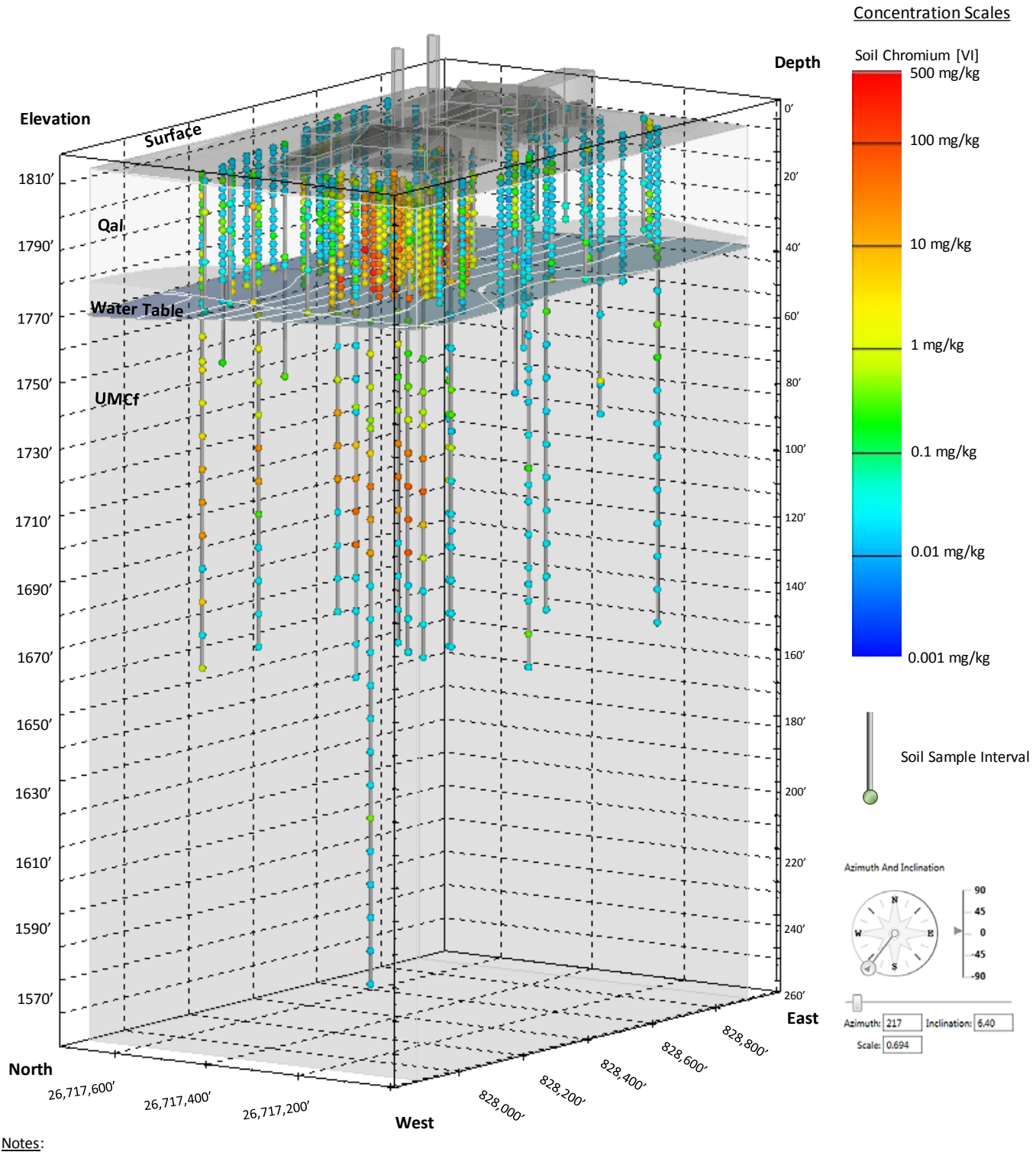
Project No.:	117-7502017
Date:	April 27, 2017
Designed By:	MRB

Figure No.
E-10

\\geos051ts1\GEOL\VOL1\PROJECTS\NERTM\02\February Meeting\Figures\Fig E-10 - Perchlorate GW Sections NS.pptx

HEXAVALENT CHROMIUM IN SOIL THREE-DIMENSIONAL VISUALIZATIONS

- Figure E-11 displays the locations and concentrations of soil samples collected within the Investigation Area. Each colored sphere represents a collected and analyzed soil sample. Each sphere is color-coded to indicate the concentration of hexavalent chromium detected in the soil sample.
- Figure E-12 provides a series of three-dimensional visualizations of the hexavalent chromium mass in soil at concentrations of 0.2, 2.0, and 20 mg/Kg. The visualizations show that the hexavalent chromium mass is centered at two depth intervals below the Unit 4 building; in the Qal between approximately 20 feet and 35 feet bgs, and in the UMCf between approximately 90 feet and 110 feet bgs. Hexavalent chromium concentrations are lower in the coarser grained interval of the UMCf immediately below the Qal.
- Figure E-13 presents two-dimensional plan view sections at different depth/elevation intervals. Figure E-13 shows that the hexavalent chromium mass in soil is concentrated along the eastern and western sides of the Unit 4 building in the Qal at 33 feet bgs and below and to the north of the Unit 4 building at 93 feet and 113 feet bgs.
- Figures E-14 and E-15 present cross-section views across the Investigation Area.
    - Figure E-14 includes three cross-section views; upgradient of Unit 4 and 5, through Unit 4 and 5, and downgradient of Unit 4 and 5 perpendicular to groundwater flow.
    - Figure E-15 includes three cross-section views; through Unit 4, between Unit 4 and 5; and through Unit 5 parallel to groundwater flow.
    - The cross sections show the highest hexavalent chromium concentrations in soil are below and north of the Unit buildings and centered at approximately 35 feet bgs in the Qal and 95 feet bgs in the UMCf.



Notes:

1. Water table surface based on June 2016 groundwater elevation data.
2. Colored spheres show soil chromium[VI] concentration.
3. Vertical Exaggeration: 6:1 Vertical:Horizontal (below ground).
4. mg/kg: milligrams per kilogram (soil).

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150 S. 4th Street, Unit A
Henderson, Nevada 89015
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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND UNIT 5 BUILDINGS INVESTIGATION SECOND MOBILIZATION
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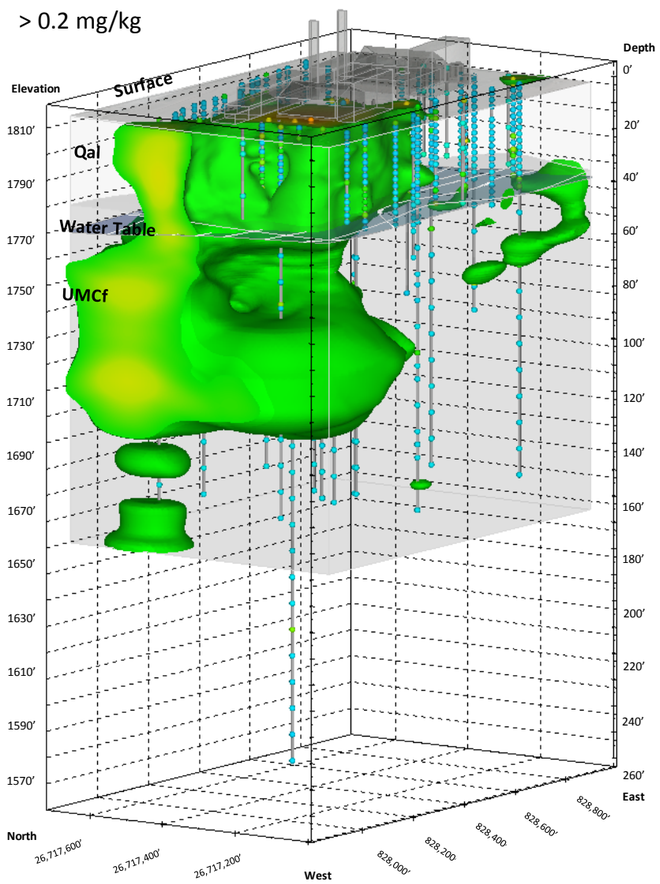
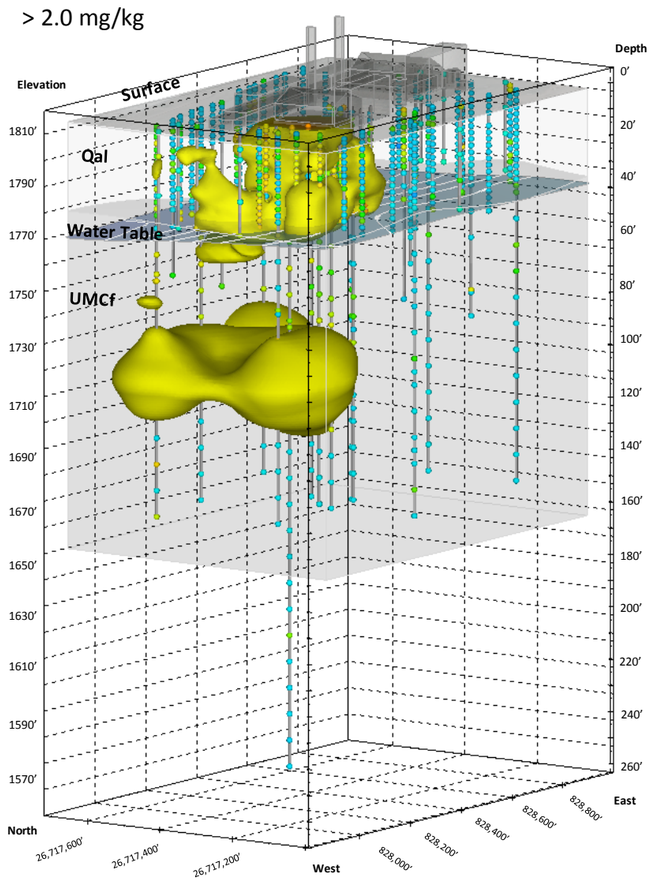
CHROMIUM [VI] SOIL SAMPLE RESULTS

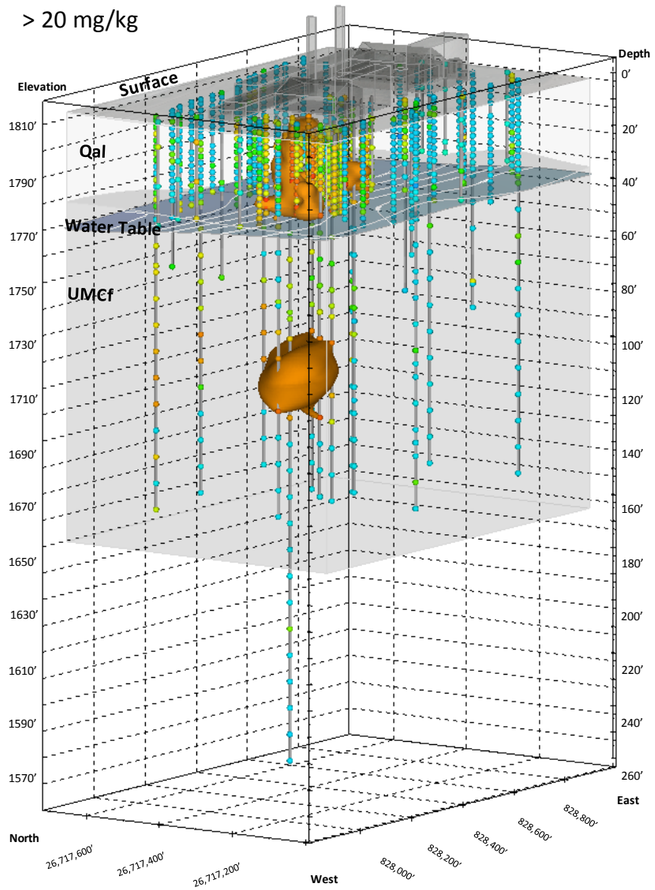
Project No.:	117-7502017
Date:	April 26, 2017
Designed By:	MRB

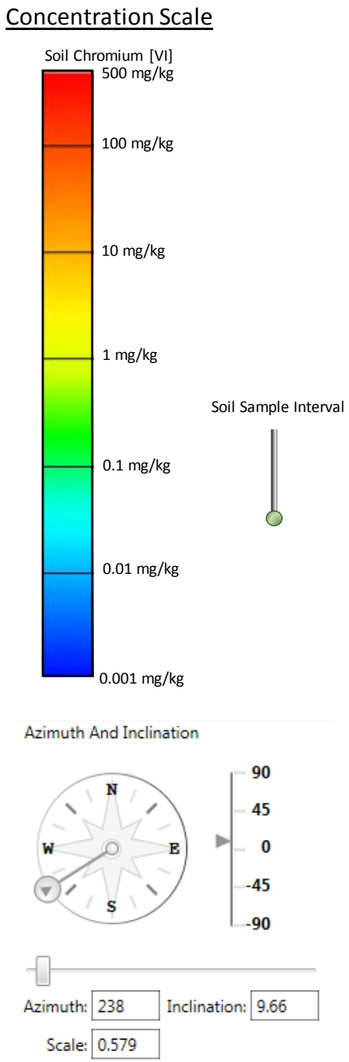
Figure No.
E-11

\\geos051\c1\GEOLVOL1\PROJECTS\NERT\M02\February Meeting\Figures\Fig E-11 - Cr6 Soil 3D PDF85_11.pptx









Notes:

1. Data interpolation truncated below 163 ft bgs due to insufficient data.
2. Water table surface based on June 2016 groundwater elevation data.
3. Colored spheres show soil chromium [VI] concentration.
4. Vertical Exaggeration: 6:1 Vertical:Horizontal (below ground).
5. mg/kg: milligrams per kilogram (soil).
6. Data gap present underneath the Unit 5 building; concentrations shown are interpolated by EVS using the closest available data.

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www.tetratech.com
150 S. 4th Street, Unit A
Henderson, Nevada 89015
PHONE: (702) 966-8340

NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND UNIT 5 BUILDINGS INVESTIGATION SECOND MOBILIZATION
HENDERSON, NEVADA

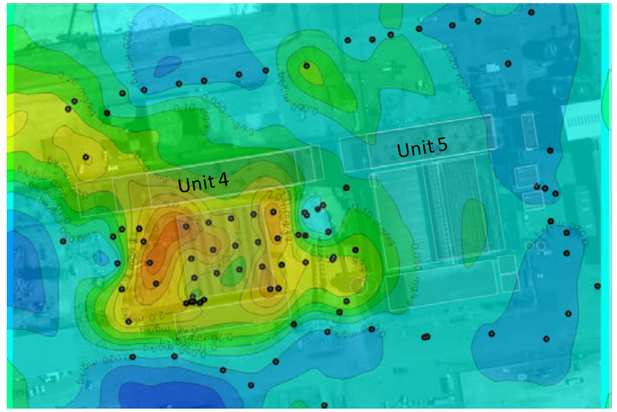
CHROMIUM [VI] DISTRIBUTION IN SOIL

Project No.:	117-7502017
Date:	April 26, 2017
Designed By:	MRB

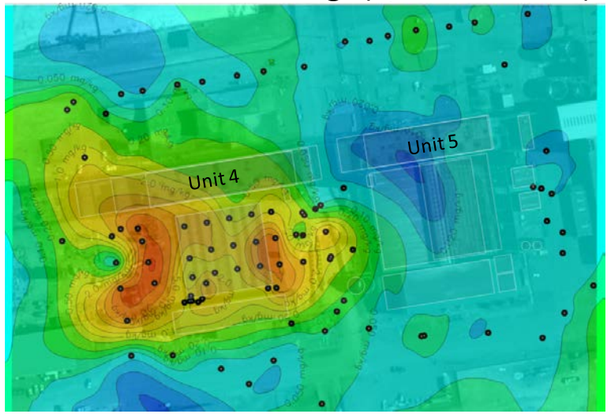
Figure No.
E-12

\\geos051s1\GEOLVOL1\PROJECTS\NERT\M02\February Meeting\Figures\Fig E-12 - Cr6 Soil 3D.pptx

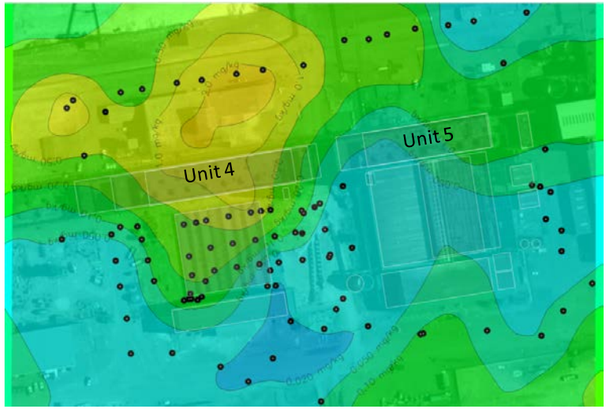
Horizontal Slice at 13’ bgs (1,800 feet amsl)



Horizontal Slice at 33’ bgs (1,780 feet amsl)



Horizontal Slice at 53’ bgs (1,760 feet amsl)



Concentration Scales

Soil Chromium [VI]

500 mg/kg

100 mg/kg

10 mg/kg

1 mg/kg

0.1 mg/kg

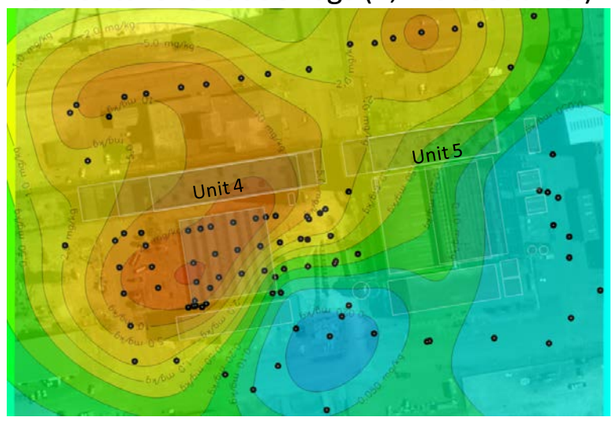
0.01 mg/kg

0.001 mg/kg

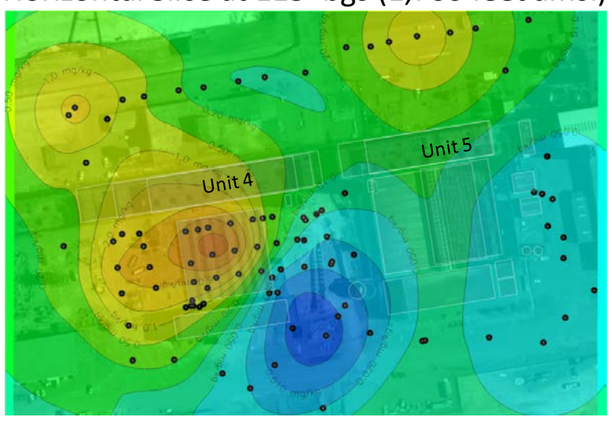
Borehole Location

N

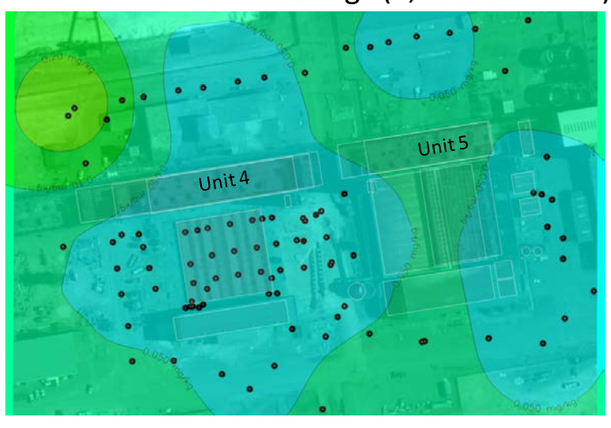
Horizontal Slice at 93’ bgs (1,720 feet amsl)



Horizontal Slice at 113’ bgs (1,700 feet amsl)



Horizontal Slice at 153’ bgs (1,660 feet amsl)



Notes:

1. Ground surface elevation is assumed to be 1,813 ft amsl for the purposes of illustrated depth.
2. Data gap present underneath the Unit 5 building; concentrations shown are interpolated by EVS using the closest available data.

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND UNIT 5 BUILDINGS INVESTIGATION SECOND MOBILIZATION
HENDERSON, NEVADA

2D VISUALIZATION PLAN VIEW OF CHROMIUM [VI] DISTRIBUTION IN SOIL, UNITS 4 AND 5

Project No.:	117-7502017
Date:	April 26, 2017
Designed By:	MRB

Figure No.
E-13

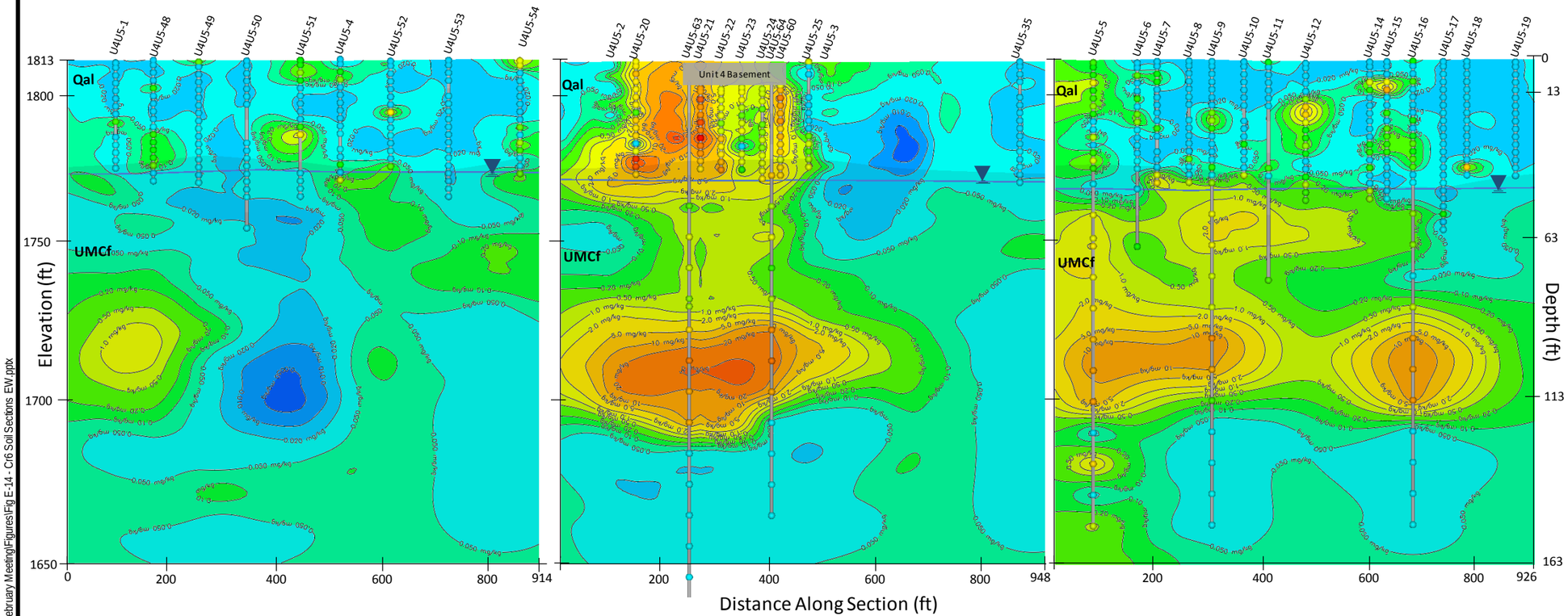
\\geos051fs1\GEOLVOL1\PROJECTS\NERT\M002\February Meeting\Figures\Fig E-13 - Cr6 2D Soil.pptx

Transect Locations

Upgradient (South)

Through Units 4 and 5

Downgradient (North)



Concentration Scale

Soil Chromium [VI]

- 500 mg/kg
- 100 mg/kg
- 10 mg/kg
- 1 mg/kg
- 0.1 mg/kg
- 0.01 mg/kg
- 0.001 mg/kg

Water Table Surface

Soil Sample Interval

Notes:

1. Vertical exaggeration: 6:1.
2. Sections are shown looking North.
3. Colored spheres show soil chromium [VI] concentration.
4. Water table surface based on June 2016 groundwater elevation data.
5. Data interpolation truncated below 163 ft bgs due to insufficient data.
6. Ground surface elevation is assumed to be 1,813 ft amsl for the purposes of illustrated depth.
7. Data gap present underneath the Unit 5 building; concentrations shown are interpolated by EVS using the closest available data.

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www.tetratech.com
150 S. 4th Street, Unit A
Henderson, Nevada 89015
PHONE: (702) 966-8340

NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND UNIT 5 BUILDINGS INVESTIGATION SECOND MOBILIZATION
HENDERSON, NEVADA

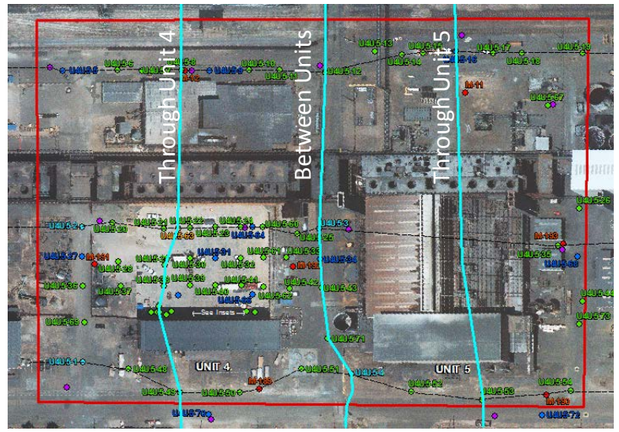
2D VISUALIZATION EAST-WEST CROSS SECTIONS OF CHROMIUM [VI] DISTRIBUTION IN SOIL, UNITS 4 AND 5

Project No.:	117-7502017
Date:	April 26, 2017
Designed By:	MRB

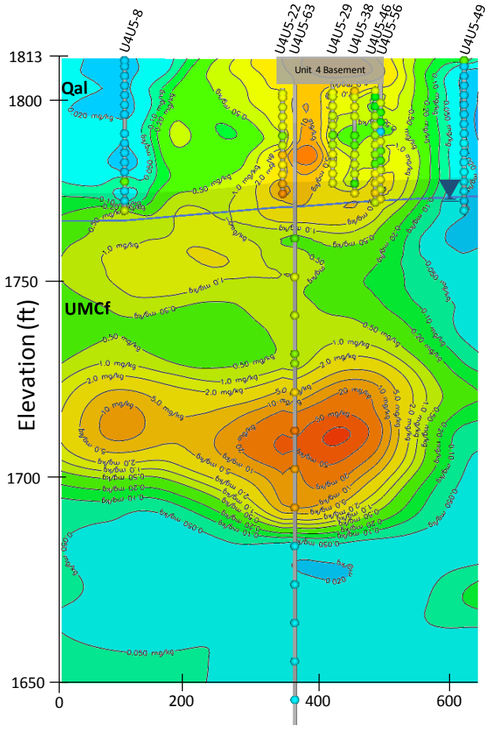
Figure No.
E-14

\\geos05\fs1\GEOLVOL1\PROJECTS\NERT\M02\February Meeting\Figures\Fig E-14 - Cr6 Soil Sections EW.pptx

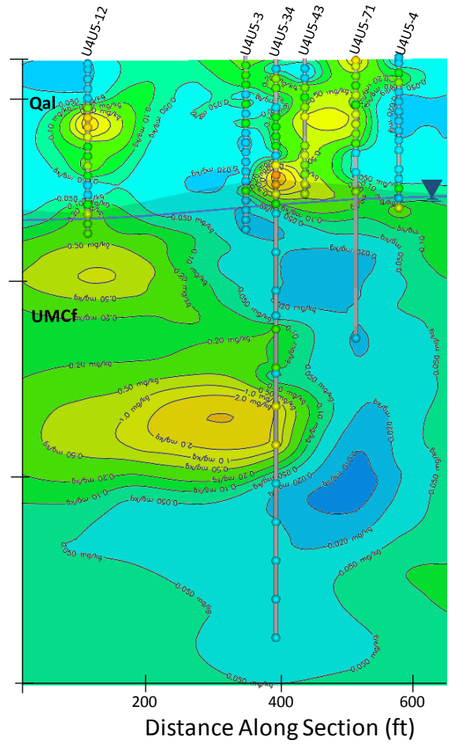
Transect Locations



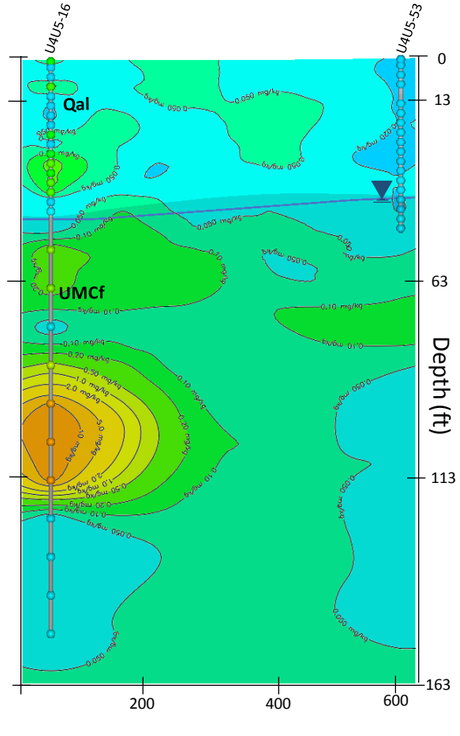
Through Unit 4



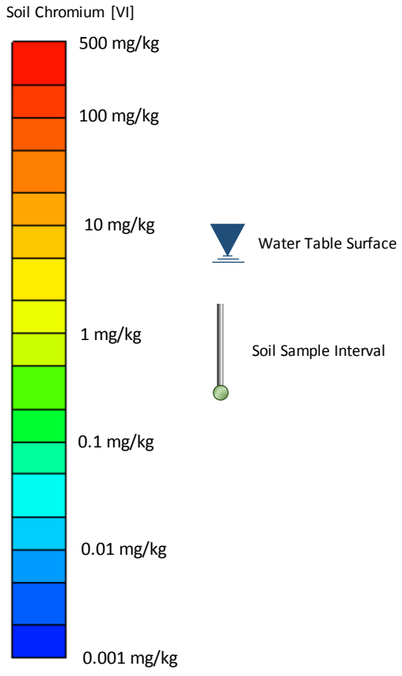
Between Units



Through Unit 5



Concentration Scale



Notes:

1. Vertical exaggeration: 6:1.
2. Sections are shown looking East.
3. Colored spheres show soil chromium [VI] concentration.
4. Water table surface based on June 2016 groundwater elevation data.
5. Data interpolation truncated below 163 ft bgs due to insufficient data.
6. Ground surface elevation is assumed to be 1,813 ft amsl for the purposes of illustrated depth.
7. Data gap present underneath the Unit 5 building; concentrations shown are interpolated by EVS using the closest available data.

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150 S. 4th Street, Unit A
Henderson, Nevada 89015
PHONE: (702) 966-8340

NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

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2D VISUALIZATION NORTH-SOUTH CROSS SECTIONS OF CHROMIUM [VI] DISTRIBUTION IN SOIL, UNITS 4 AND 5

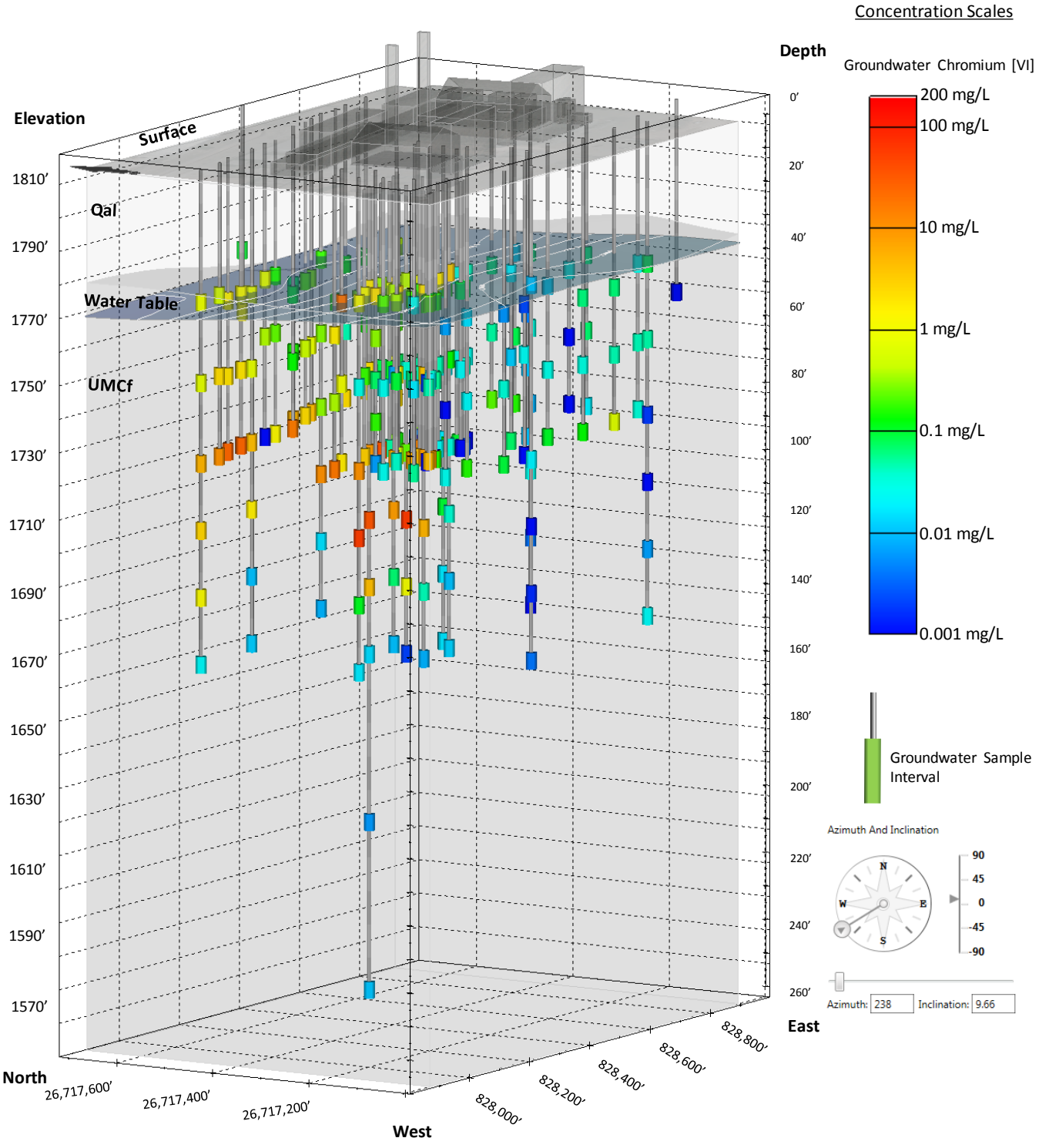
Project No.:	117-7502017
Date:	April 26, 2017
Designed By:	MRB

Figure No.
E-15

\\geos05\fs1\GEOLVOL1\PROJECTS\NERT\M02\February Meeting\Figures\Fig E-15 - Cr6 Soil Sections NS.pptx

HEXAVALENT CHROMIUM IN GROUNDWATER THREE-DIMENSIONAL VISUALIZATIONS

- Figure E-16 displays the locations and concentrations of groundwater samples collected within the Investigation Area. Each colored cylinder represents a collected and analyzed groundwater sample. Each cylinder is color-coded to indicate the concentration of hexavalent chromium detected in the groundwater sample.
- Figure E-17 provides a series of three-dimensional visualizations of the hexavalent chromium mass in groundwater at concentrations of 0.2, 2.0, and 20 mg/L. The visualizations show that the hexavalent chromium mass in groundwater is centered below and downgradient of the Unit 4 building in the UMCf between approximately 90 feet and 110 feet bgs. Hexavalent chromium concentrations are lower in groundwater samples collected above 90 feet bgs in the coarser intervals of the UMCf.
- Figure E-18 presents two-dimensional plan view sections at different depth/elevation intervals. Figure E-18 show that the hexavalent chromium mass in groundwater is concentrated along the northwestern corner of the Unit 4 building and downgradient of the Unit 4 and Unit 5 buildings at 93 feet to 113 feet bgs.
- Figures E-19 and E-20 present cross-section views across the Investigation Area.
    - Figure E-19 includes three cross-section views; upgradient of Unit 4 and 5, through Unit 4 and 5, and downgradient of Unit 4 and 5 perpendicular to groundwater flow.
    - Figure E-20 includes three cross-section views; through Unit 4, between Unit 4 and 5; and through Unit 5 parallel to groundwater flow.
    - The cross sections show the highest hexavalent chromium concentrations in groundwater are below and downgradient of the Unit buildings and centered at approximately 90 feet to 110 feet bgs in the UMCf.



Notes:

1. Water table surface based on June 2016 groundwater elevation data.
2. Colored tubes show groundwater chromium[VI] concentration.
3. Vertical Exaggeration: 6:1 Vertical:Horizontal (below ground).
4. mg/L: milligrams per liter (groundwater).

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150 S. 4th Street, Unit A
Henderson, Nevada 89015
PHONE: (702) 966-8340

NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND UNIT 5 BUILDINGS INVESTIGATION SECOND MOBILIZATION
HENDERSON, NEVADA

CHROMIUM [VI] GROUNDWATER SAMPLE RESULTS

Project No.:	117-7502017
Date:	April 26, 2017
Designed By:	MRB

Figure No.
E-16

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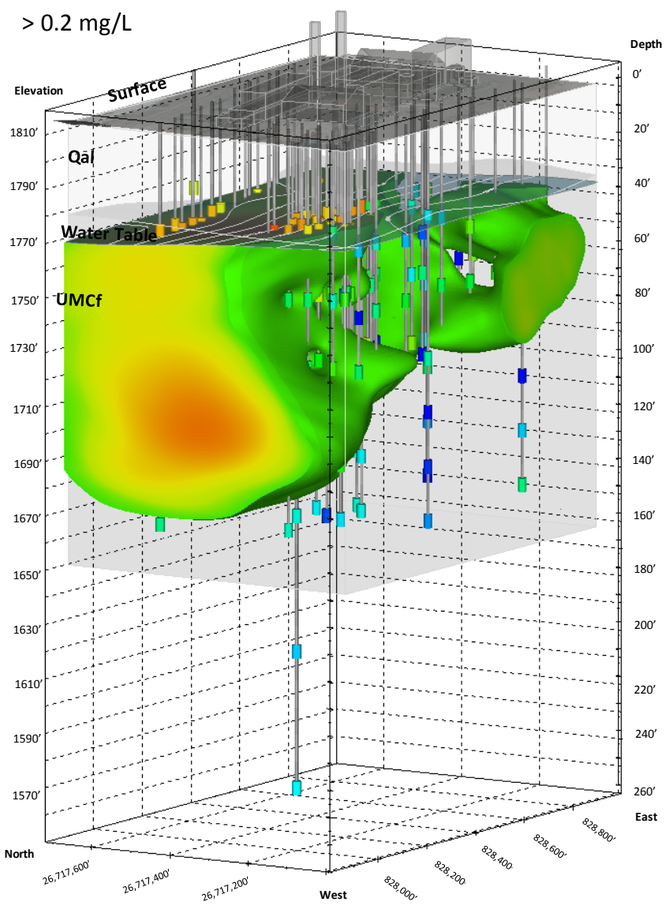
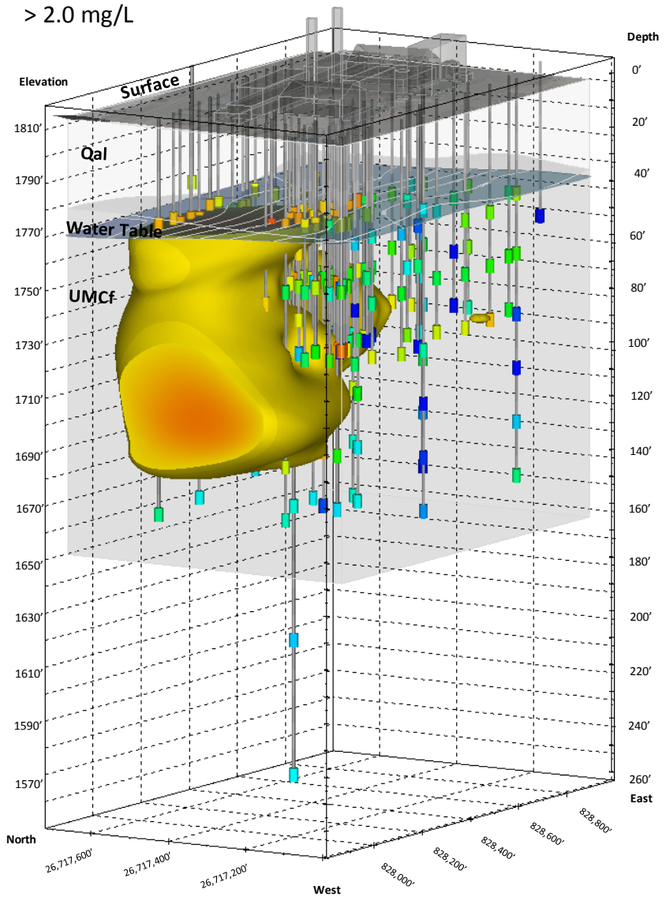
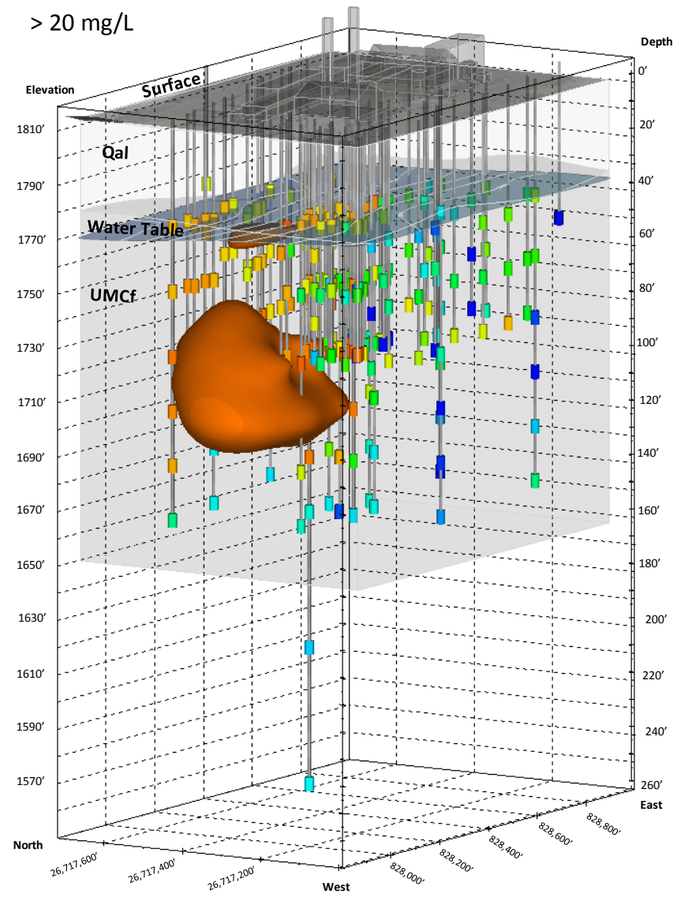
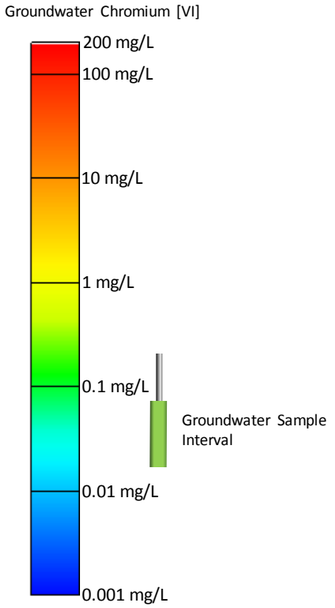
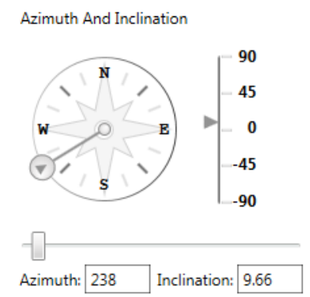






Concentration Scales





Notes:

1. Data interpolation truncated below 163 ft bgs due to insufficient data.
2. Water table surface based on June 2016 groundwater elevation data.
3. Colored tubes show groundwater chromium [VI] concentration.
4. Vertical Exaggeration: 6:1 Vertical:Horizontal (below ground).
5. mg/L: milligrams per liter (groundwater).
6. Data gap present underneath the Unit 5 building; concentrations shown are interpolated by EVS using the closest available data.

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150 S. 4th Street, Unit A
Henderson, Nevada 89015
PHONE: (702) 966-8340

NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

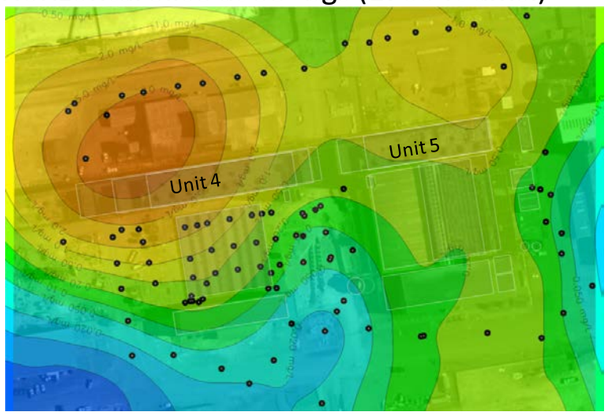
UNIT 4 AND UNIT 5 BUILDINGS INVESTIGATION SECOND MOBILIZATION
HENDERSON, NEVADA

CHROMIUM [VI] DISTRIBUTION IN GROUNDWATER

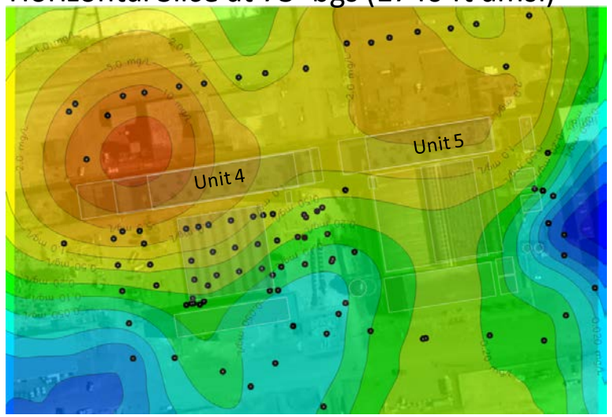
Project No.:	117-7502017
Date:	April 26, 2017
Designed By:	MRB

Figure No.
E-17

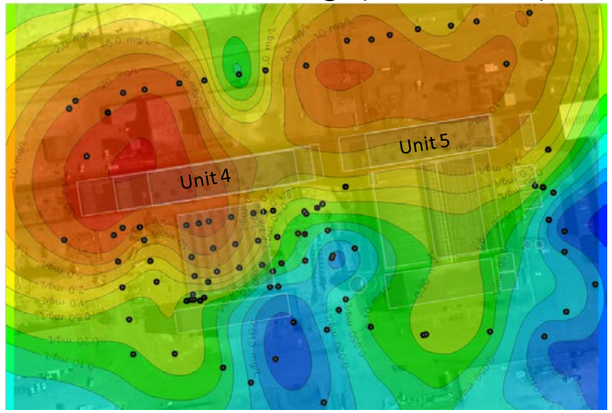
Horizontal Slice at 53’ bgs (1760 ft amsl)



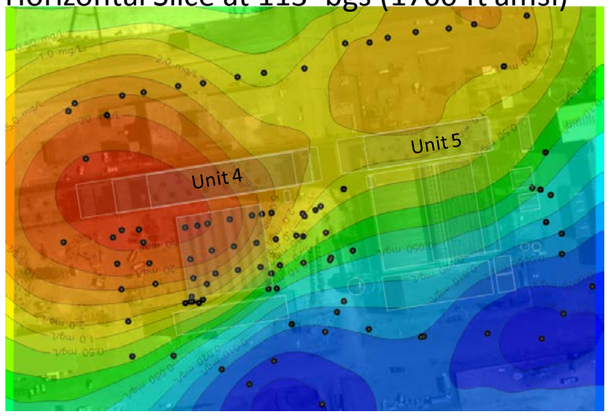
Horizontal Slice at 73’ bgs (1740 ft amsl)



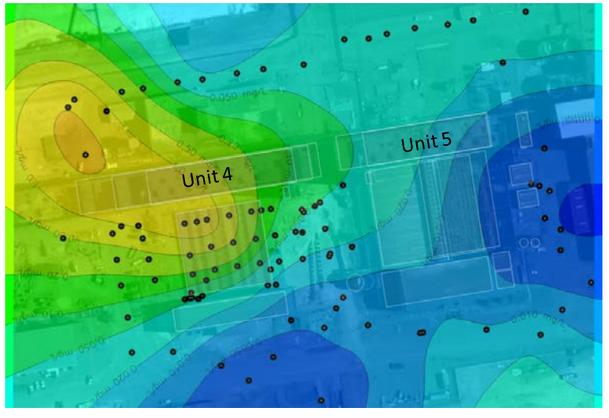
Horizontal Slice at 93’ bgs (1720 ft amsl)



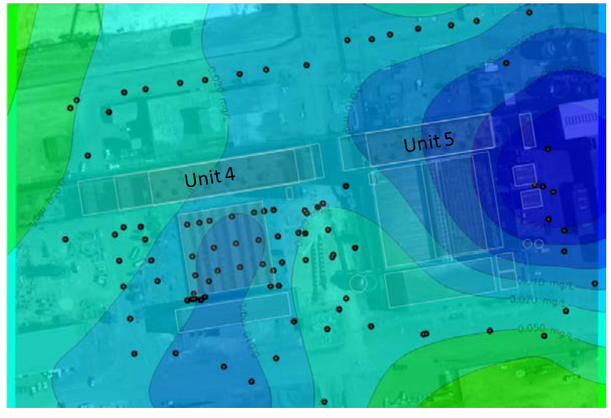
Horizontal Slice at 113’ bgs (1700 ft amsl)



Horizontal Slice at 133’ bgs (1680 ft amsl)



Horizontal Slice at 153’ bgs (1660 ft amsl)



Concentration Scales

Groundwater Chromium [VI]

- 200 mg/L
- 100 mg/L
- 10 mg/L
- 1 mg/L
- 0.1 mg/L
- 0.01 mg/L
- 0.001 mg/L

● Borehole Location

N

Notes:
1. Ground surface elevation is assumed to be 1,813 ft amsl for the purposes of illustrated depth.
2. Data gap present underneath the Unit 5 building; concentrations shown are interpolated by EVS using the closest available data.

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150 S. 4th Street, Unit A
Henderson, Nevada 89015
PHONE: (702) 966-8340

NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND UNIT 5 BUILDINGS INVESTIGATION SECOND MOBILIZATION
HENDERSON, NEVADA

2D VISUALIZATION PLAN VIEW OF CHROMIUM [VI] DISTRIBUTION IN GROUNDWATER, UNITS 4 AND 5

Project No.:	117-7502017
Date:	April 26, 2017
Designed By:	MRB
Figure No.	E-18

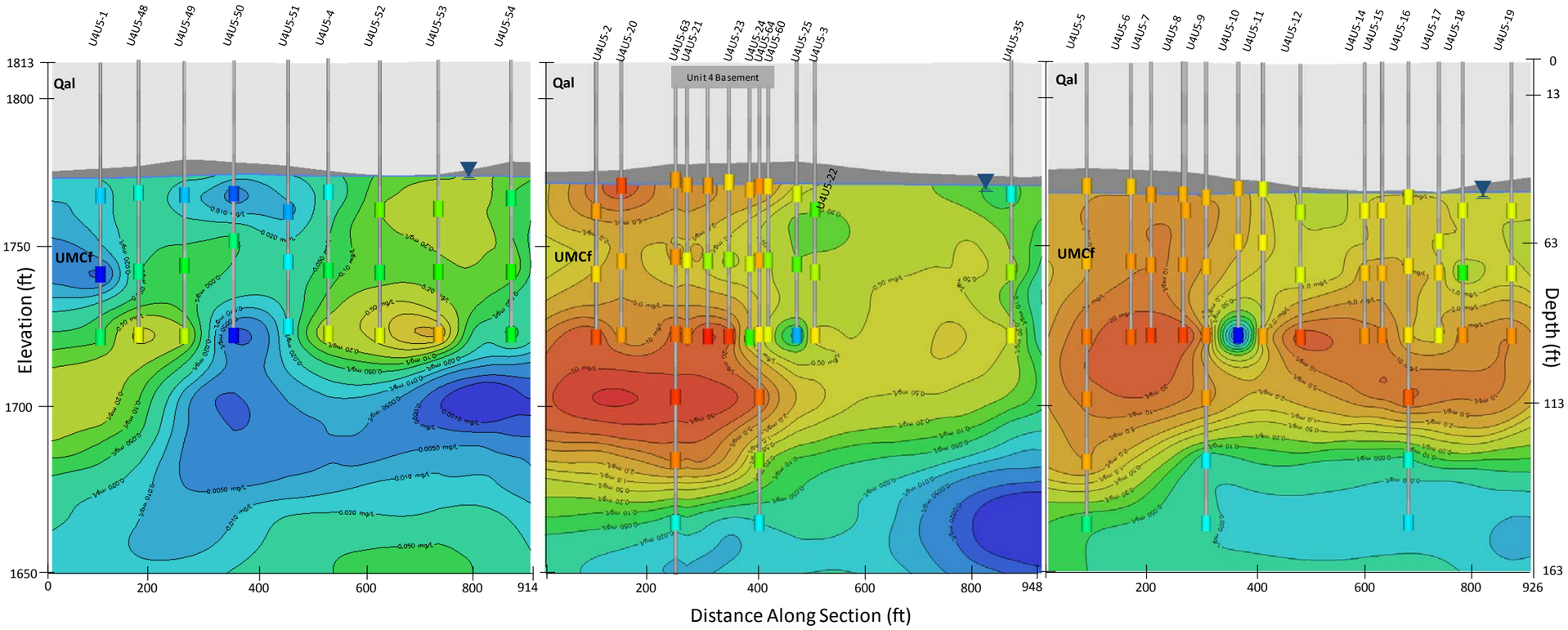
\\geos05\t1\GEOLVOL1\PROJECTS\NERTM\02\February Meeting\Figures\Fig E-18 - Cr6 2D GW_v2.pptx

Transect Locations

Upgradient (South)

Through Units 4 and 5

Downgradient (North)



Concentration Scales

Groundwater Chromium [VI]

- 200 mg/L
- 100 mg/L
- 10 mg/L
- 1 mg/L
- 0.1 mg/L
- 0.01 mg/L
- 0.001 mg/L

Water Table Surface

Groundwater Sample Interval

Notes:

1. Vertical exaggeration: 6:1.
2. Sections are shown looking North.
3. Colored tubes show groundwater chromium [VI] concentration.
4. Water table surface based on June 2016 groundwater elevation data.
5. Data interpolation truncated below 163 ft bgs due to insufficient data.
6. Ground surface elevation is assumed to be 1,813 ft amsl for the purposes of illustrated depth.
7. Data gap present underneath the Unit 5 building; concentrations shown are interpolated by EVS using the closest available data.

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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND UNIT 5 BUILDINGS INVESTIGATION SECOND MOBILIZATION
HENDERSON, NEVADA

2D VISUALIZATION EAST-WEST CROSS SECTIONS OF CHROMIUM [VI] DISTRIBUTION IN GROUNDWATER, UNITS 4 AND 5

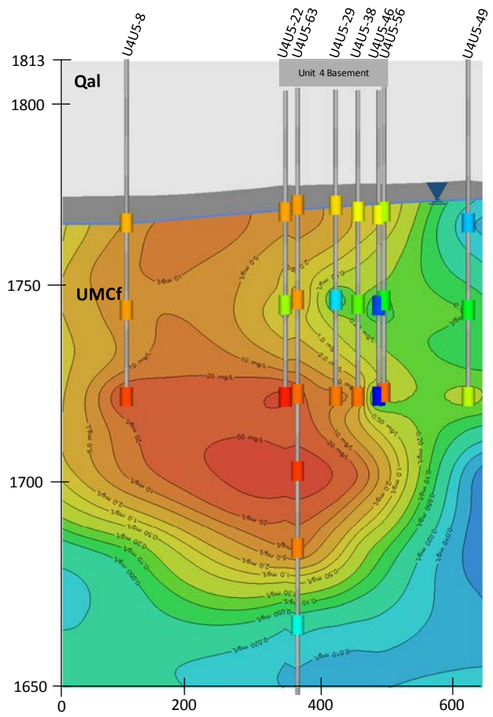
Project No.:	117-7502017
Date:	April 27, 2017
Designed By:	MRB

Figure No.
E-19

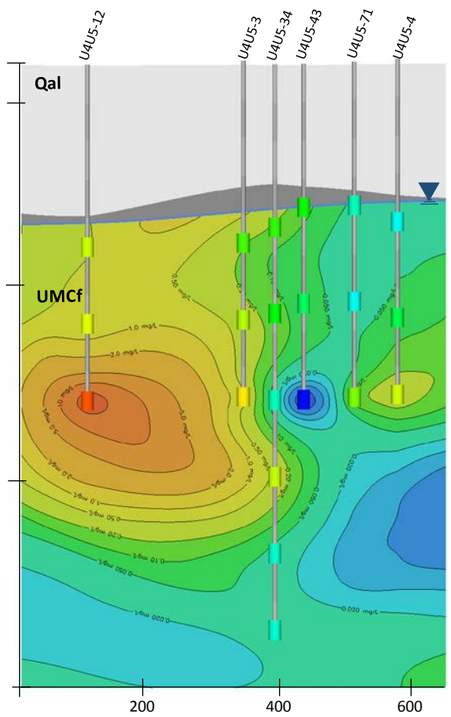
\\geos051fs1\GEOLVVOL1\PROJECTS\NERTM\02\February Meeting\Figures\Fig E-19 - Cr6 GW Sections EW.pptx

Transect Locations

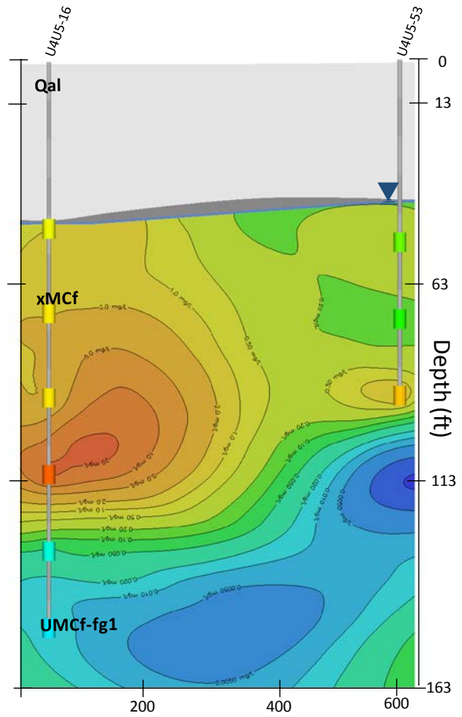
Through Unit 4



Between Units



Through Unit 5



Distance Along Section (ft)

Concentration Scales

Groundwater Chromium [VI]

200 mg/L
100 mg/L
10 mg/L
1 mg/L
0.1 mg/L
0.01 mg/L
0.001 mg/L

Water Table Surface

Groundwater Sample Interval

Notes:

1. Vertical exaggeration: 6:1.
2. Sections are shown looking East.
3. Colored tubes show groundwater chromium [VI] concentration.
4. Water table surface based on June 2016 groundwater elevation data.
5. Data interpolation truncated below 163 ft bgs due to insufficient data.
6. Ground surface elevation is assumed to be 1,813 ft amsl for the purposes of illustrated depth.
7. Data gap present underneath the Unit 5 building; concentrations shown are interpolated by EVS using the closest available data.

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www.tetratech.com
150 S. 4th Street, Unit A
Henderson, Nevada 89015
PHONE: (702) 966-8340

NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND UNIT 5 BUILDINGS INVESTIGATION SECOND MOBILIZATION
HENDERSON, NEVADA

2D VISUALIZATION NORTH-SOUTH CROSS SECTIONS OF CHROMIUM [VI] DISTRIBUTION IN GROUNDWATER, UNITS 4 AND 5

Project No.:	117-7502017
Date:	April 27, 2017
Designed By:	MRB

Figure No.
E-20

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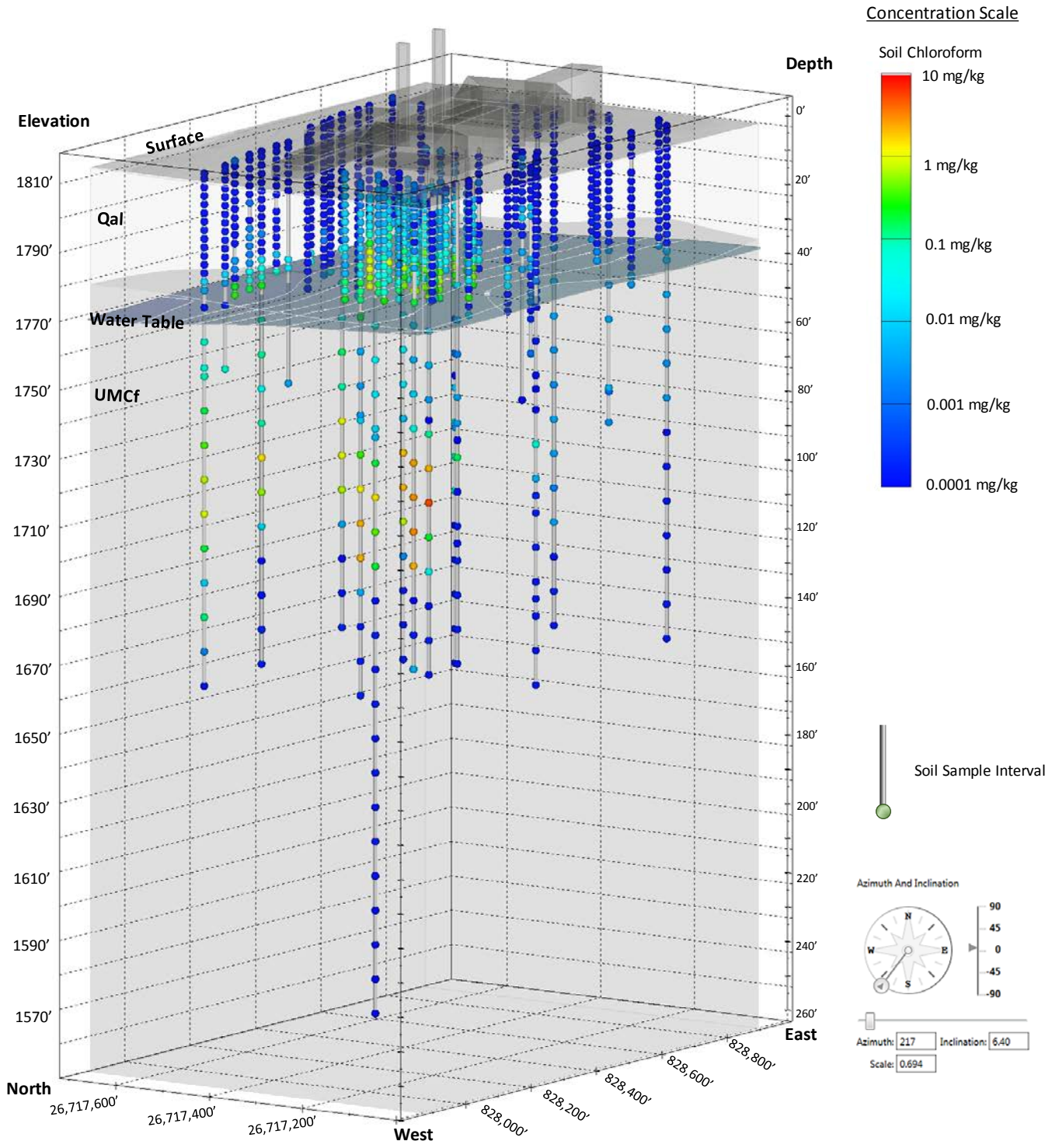
CHLOROFORM IN SOIL THREE-DIMENSIONAL VISUALIZATIONS

- Figure E-21 displays the locations and concentrations of soil samples collected within the Investigation Area. Each colored sphere represents a collected and analyzed soil sample. Each sphere is color-coded to indicate the concentration of chloroform detected in the soil sample.
- Figure E-22 provides a series of three-dimensional visualizations of the chloroform mass in soil at concentrations of 0.01, 0.1, and 1.0 mg/Kg. The visualizations show that the chloroform mass is centered at two depth intervals below the Unit 4 building; in the Qal between approximately 25 feet and 35 feet bgs, and in the UMCf between approximately 90 feet and 110 feet bgs. Chloroform concentrations are lower in the coarser grained interval of the UMCf immediately below the Qal.
- Figure E-23 presents two-dimensional plan view sections at different depth/elevation intervals. Figure E-23 shows that the chloroform mass in soil is concentrated along the northwest and southeast corners of the Unit 4 building in the Qal at 33 feet bgs and below the Unit 4 building and to the north of the Unit 4 and Unit 5 buildings at 93 feet bgs.
- Figures E-24 and E-25 present cross-section views across the Investigation Area.
    - Figure E-24 includes three cross-section views; upgradient of Unit 4 and 5, through Unit 4 and 5, and downgradient of Unit 4 and 5 perpendicular to groundwater flow.
    - Figure E-25 includes three cross-section views; through Unit 4, between Unit 4 and 5; and through Unit 5 parallel to groundwater flow.
    - The cross sections show the highest chloroform concentrations in soil are below and north of the Unit buildings and centered at approximately 35 feet bgs in the Qal and 110 feet bgs in the UMCf.



Notes:

1. Water table surface based on June 2016 groundwater elevation data.
2. Colored spheres show soil chloroform concentration.
3. Vertical Exaggeration: 6:1 Vertical:Horizontal (below ground).
4. mg/kg: milligrams per kilogram (soil).

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PHONE: (702) 966-8340

NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND UNIT 5 BUILDINGS INVESTIGATION SECOND MOBILIZATION
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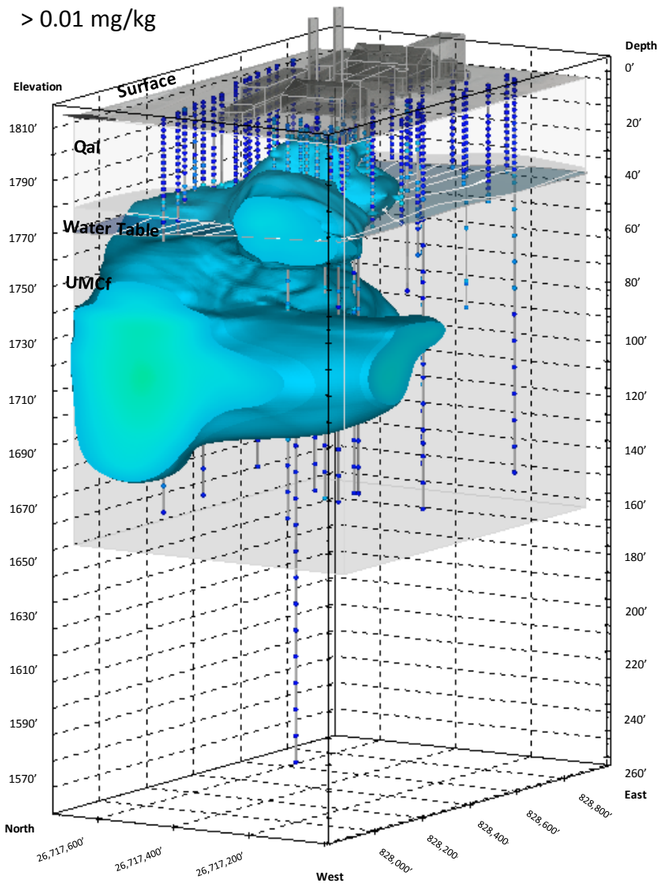
CHLOROFORM SOIL SAMPLE RESULTS

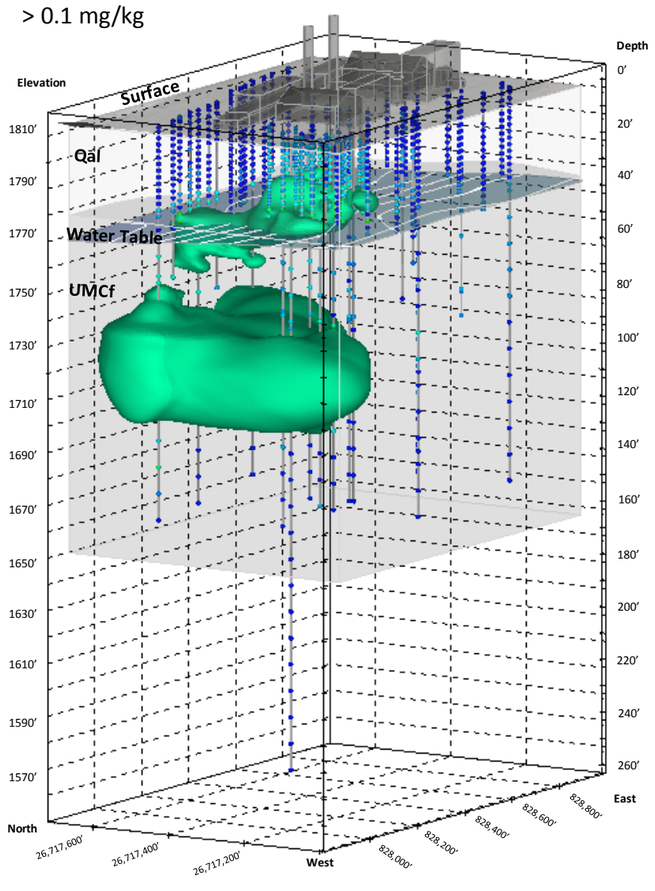
Project No.:	117-7502017
Date:	April 26, 2017
Designed By:	MRB

Figure No.
E-21

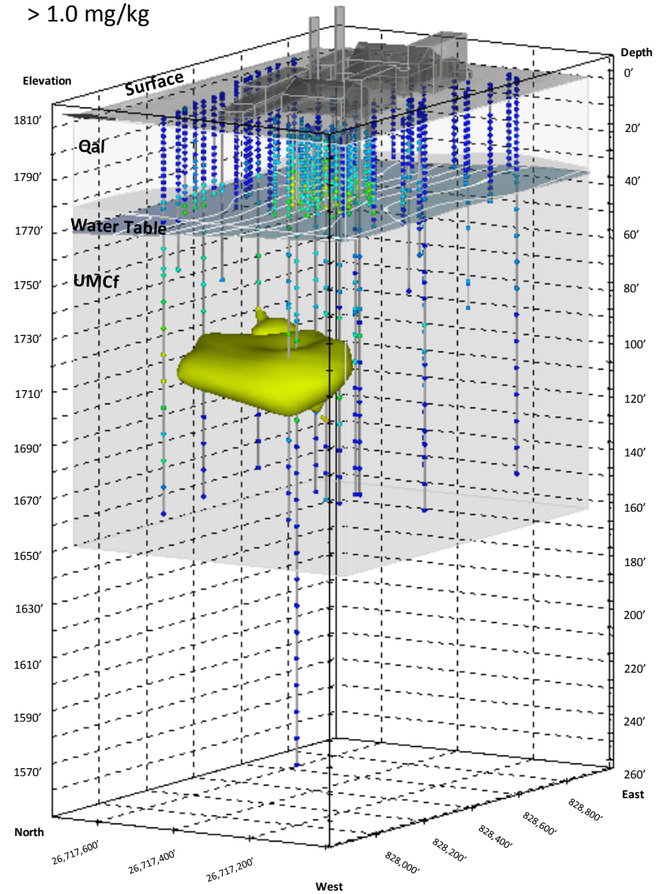
> 0.01 mg/kg



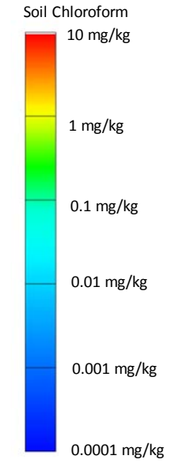
> 0.1 mg/kg



> 1.0 mg/kg

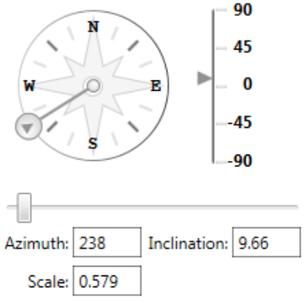


Concentration Scale



Soil Sample Interval

Azimuth And Inclination



Notes:

1. Data interpolation truncated below 163 ft bgs due to insufficient data.
2. Water table surface based on June 2016 groundwater elevation data.
3. Colored spheres show soil chloroform concentration.
4. Vertical Exaggeration: 6:1 Vertical:Horizontal (below ground).
5. mg/kg: milligrams per kilogram (soil).
6. Data gap present underneath the Unit 5 building; concentrations shown are interpolated by EVS using the closest available data.

TETRA TECH
www.tetratech.com
150 S. 4th Street, Unit A
Henderson, Nevada 89015
PHONE: (702) 966-8340

NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND UNIT 5 BUILDINGS INVESTIGATION SECOND MOBILIZATION
HENDERSON, NEVADA

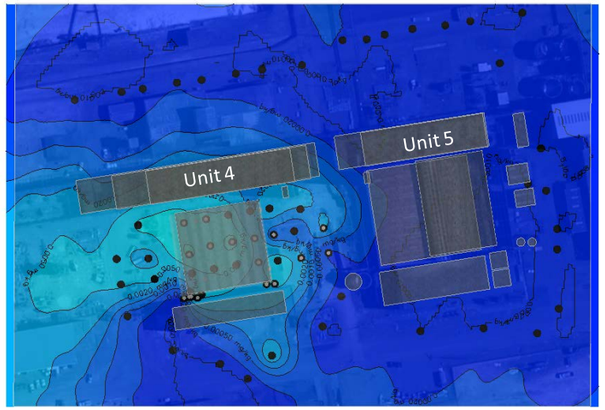
CHLOROFORM DISTRIBUTION IN SOIL

Project No.:	117-7502017
Date:	April 26, 2017
Designed By:	MRB

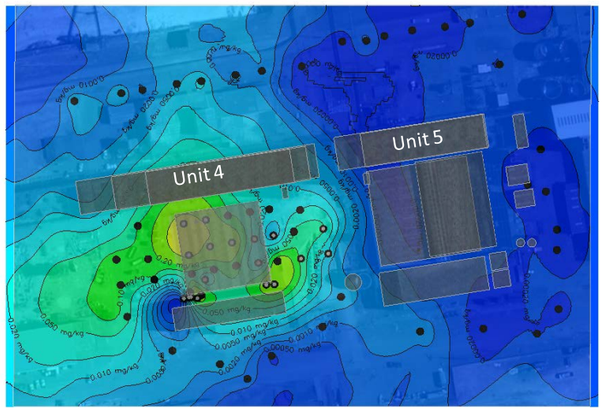
Figure No.
E-22

\\geos051ti1\GEOLVOL1\PROJECTS\NERT\M02\February Meeting\Figures\Fig E-22 - Chloroform Soil 3D.pptx

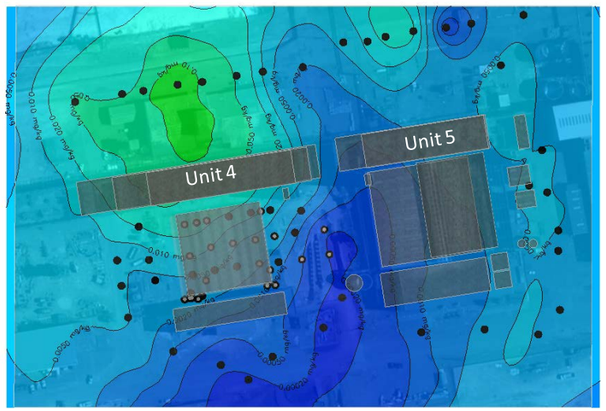
Horizontal Slice at 13’ bgs (1,800 feet amsl)



Horizontal Slice at 33’ bgs (1,780 feet amsl)



Horizontal Slice at 53’ bgs (1,760 feet amsl)



Concentration Scales

Soil Chloroform

10 mg/kg

1 mg/kg

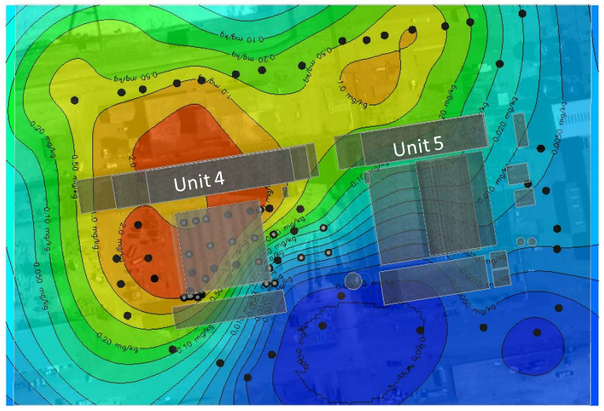
0.1 mg/kg

0.01 mg/kg

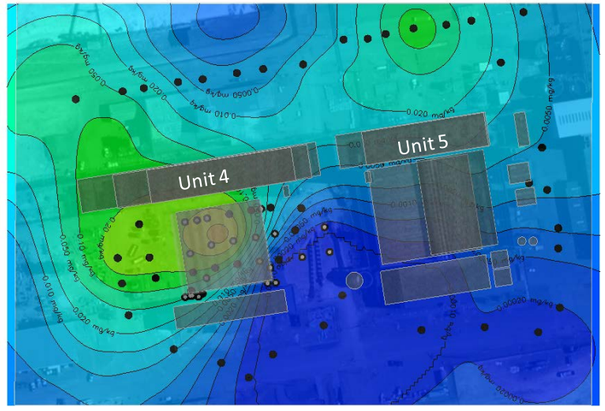
0.001 mg/kg

0.0001 mg/kg

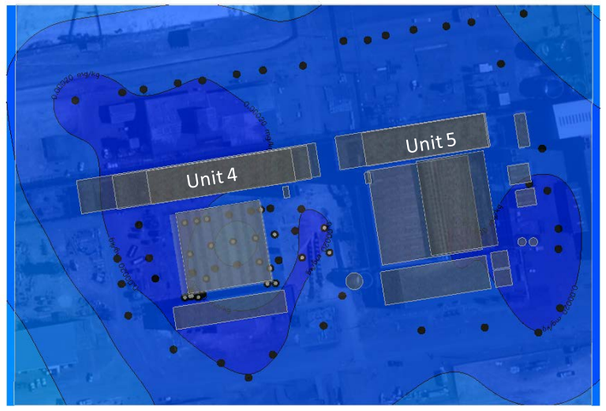
Horizontal Slice at 93’ bgs (1,720 feet amsl)



Horizontal Slice at 113’ bgs (1,700 feet amsl)



Horizontal Slice at 153’ bgs (1,660 feet amsl)



Borehole Location

N

Notes:

1. Ground surface elevation is assumed to be 1,813 ft amsl for the purposes of illustrated depth.
2. Data gap present underneath the Unit 5 building; concentrations shown are interpolated by EVS using the closest available data.

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www.tetratech.com
150 S. 4th Street, Unit A
Henderson, Nevada 89015
PHONE: (702) 966-8340

NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND UNIT 5 BUILDINGS INVESTIGATION SECOND MOBILIZATION
HENDERSON, NEVADA

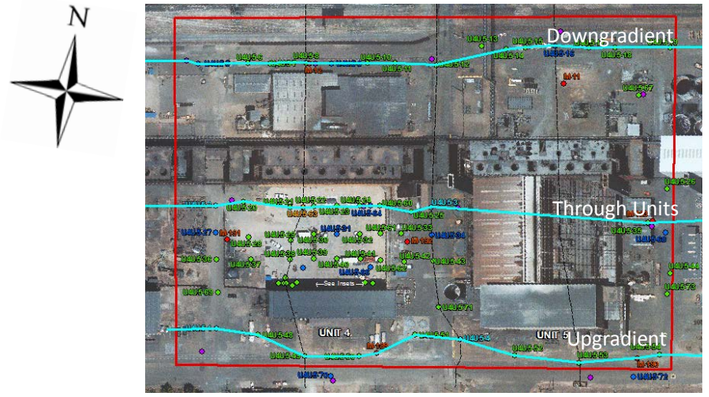
2D VISUALIZATION PLAN VIEW OF CHLOROFORM DISTRIBUTION IN SOIL, UNITS 4 AND 5

Project No.:	117-7502017
Date:	April 26, 2017
Designed By:	MRB

Figure No.
E-23

\\geos051s1\GEOLVVOL1\PROJECTS\NERT\M02\February Meeting\Figures\Fig E-23 - Chloroform 2D Soil_v2.pptx

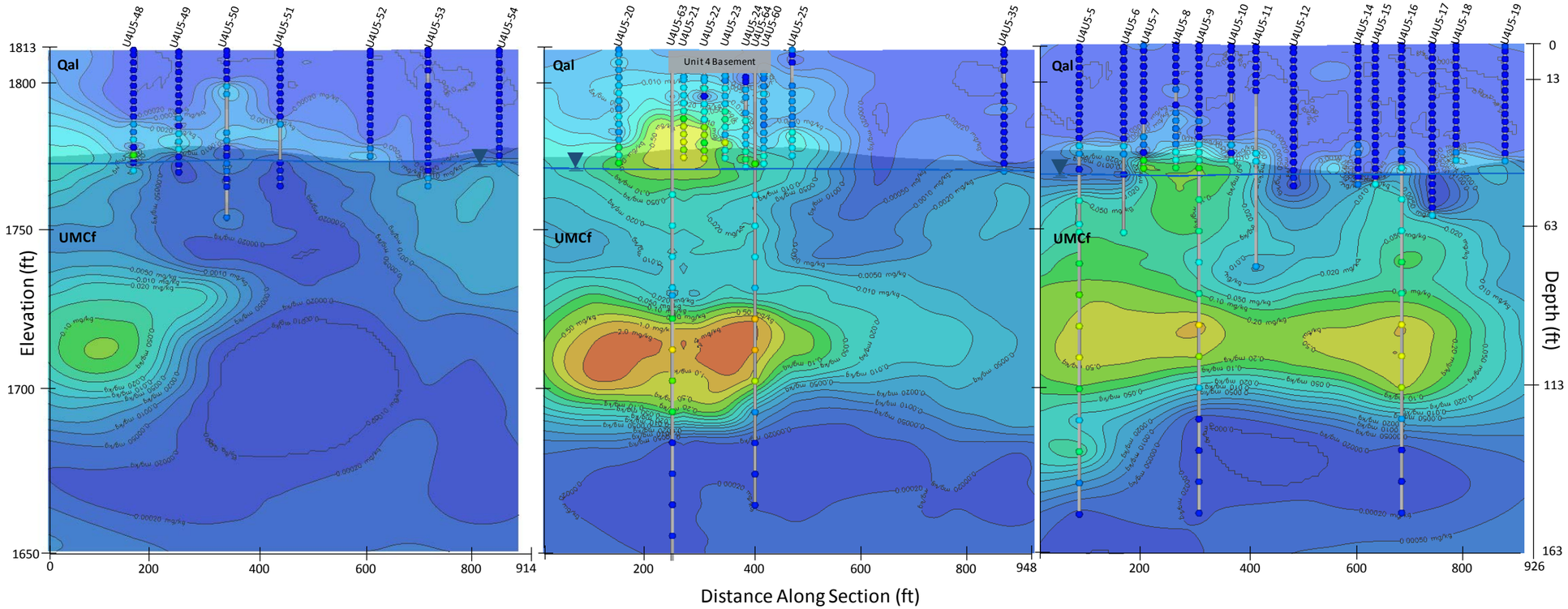
Transect Locations



Upgradient (South)

Through Units 4 and 5

Downgradient (North)



Concentration Scales

Soil Chloroform

10 mg/kg

1 mg/kg

0.1 mg/kg

0.01 mg/kg

0.001 mg/kg

0.0001 mg/kg

Water Table Surface

Soil Sample Interval

Notes:

1. Vertical exaggeration: 6:1.
2. Sections are shown looking North.
3. Colored spheres show soil chloroform concentration.
4. Water table surface based on June 2016 groundwater elevation data.
5. Data interpolation truncated below 163 ft bgs due to insufficient data.
6. Ground surface elevation is assumed to be 1,813 ft amsl for the purposes of illustrated depth.
7. Data gap present underneath the Unit 5 building; concentrations shown are interpolated by EVS using the closest available data.

TETRA TECH
www.tetratech.com
150 S. 4th Street, Unit A
Henderson, Nevada 89015
PHONE: (702) 966-8340

NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND UNIT 5 BUILDINGS INVESTIGATION SECOND MOBILIZATION
HENDERSON, NEVADA

2D VISUALIZATION EAST-WEST CROSS SECTIONS OF CHLOROFORM DISTRIBUTION IN SOIL, UNITS 4 AND 5

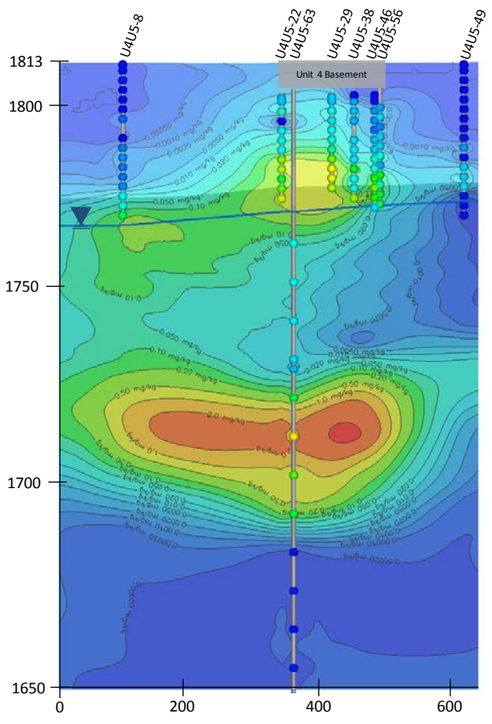
Project No.:	117-7502017
Date:	April 26, 2017
Designed By:	MRB

Figure No.
E-24

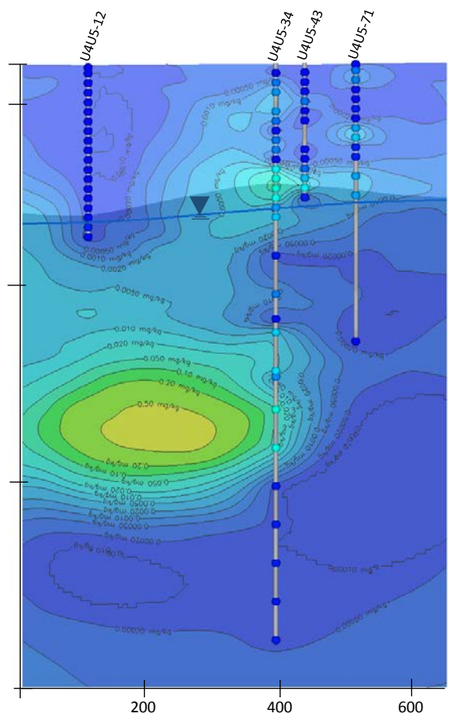
\\geos05\t1\GEOLVOL1\PROJECTS\NERT\M02\February Meeting\Figures\Fig E-24 - Chloroform Soil Sections EW.pptx

Transect Locations

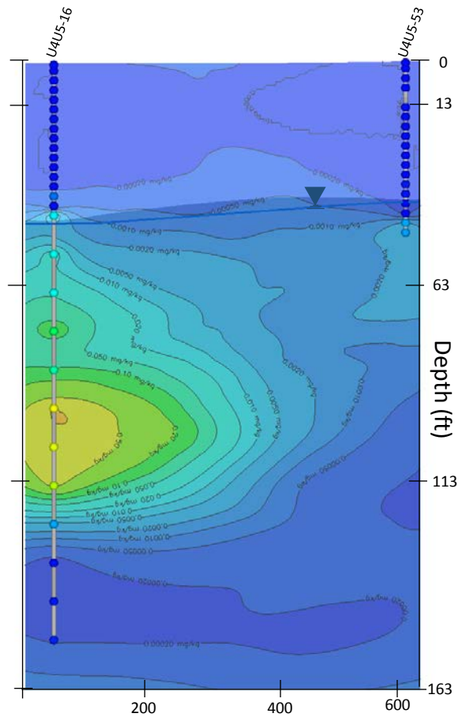
Through Unit 4



Between Units



Through Unit 5



Concentration Scales

Soil Chloroform

10 mg/kg

1 mg/kg

0.1 mg/kg

0.01 mg/kg

0.001 mg/kg

0.0001 mg/kg

Water Table Surface

Soil Sample Interval

Notes:

1. Vertical exaggeration: 6:1.
2. Sections are shown looking East.
3. Colored spheres show soil chloroform concentration.
4. Water table surface based on June 2016 groundwater elevation data.
5. Data interpolation truncated below 163 ft bgs due to insufficient data.
6. Ground surface elevation is assumed to be 1,813 ft amsl for the purposes of illustrated depth.
7. Data gap present underneath the Unit 5 building; concentrations shown are interpolated by EVS using the closest available data.

TETRA TECH
www.tetratech.com
150 S. 4th Street, Unit A
Henderson, Nevada 89015
PHONE: (702) 966-8340

NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND UNIT 5 BUILDINGS INVESTIGATION SECOND MOBILIZATION
HENDERSON, NEVADA

2D VISUALIZATION NORTH-SOUTH CROSS SECTIONS OF CHLOROFORM DISTRIBUTION IN SOIL, UNITS 4 AND 5

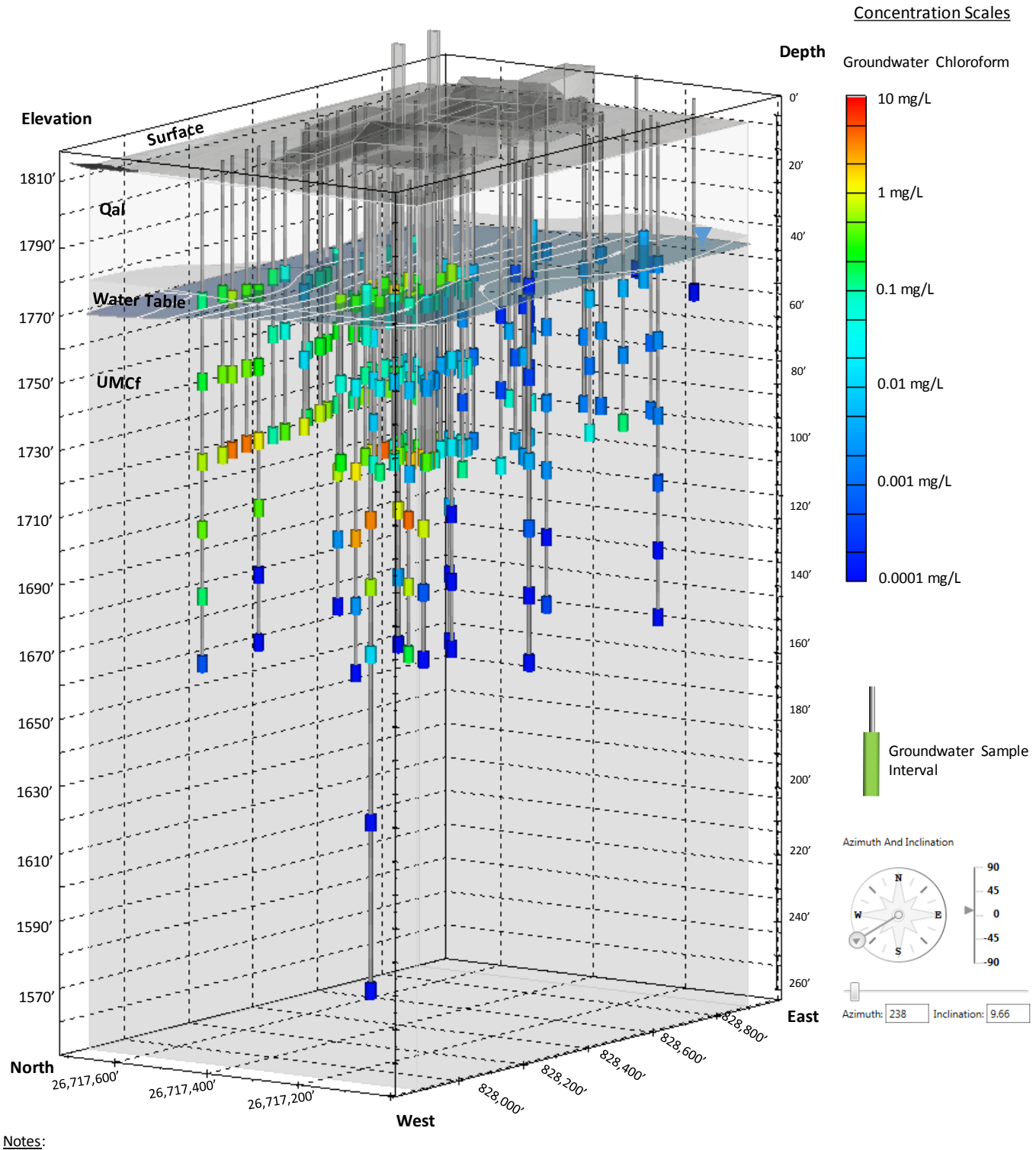
Project No.:	117-7502017
Date:	April 26, 2017
Designed By:	MRB

Figure No.
E-25

\\geos051ts1\GEOL\VOL1\PROJECTS\NERTM\02\February Meeting\Figures\Fig E-25 - Chloroform Soil Sections NS.pptx

CHLOROFORM IN GROUNDWATER THREE-DIMENSIONAL VISUALIZATIONS

- Figure E-26 displays the locations and concentrations of groundwater samples collected within the Investigation Area. Each colored cylinder represents a collected and analyzed groundwater sample. Each cylinder is color-coded to indicate the concentration of chloroform detected in the groundwater sample.
- Figure E-27 provides a series of three-dimensional visualizations of the chloroform mass in groundwater at concentrations of 0.01, 0.1, and 1.0 mg/L. The visualizations show that the chloroform mass in groundwater is centered below and downgradient of the Unit 4 building in the UMCf between approximately 90 feet and 110 feet bgs. Chloroform concentrations are lower in groundwater samples collected above 90 feet bgs in the coarser intervals of the UMCf.
- Figure E-28 presents two-dimensional plan view sections at different depth/elevation intervals. Figure E-28 shows that the chloroform mass in groundwater is concentrated along the northwestern corner of the Unit 4 building and downgradient of the Unit 4 basement at 93 feet to 113 feet bgs.
- Figures E-29 and E-30 present cross-section views across the Investigation Area.
    - Figure E-29 includes three cross-section views; upgradient of Unit 4 and 5, through Unit 4 and 5, and downgradient of Unit 4 and 5 perpendicular to groundwater flow.
    - Figure E-30 includes three cross-section views; through Unit 4, between Unit 4 and 5; and through Unit 5 parallel to groundwater flow.
    - The cross sections show the highest chloroform concentrations in groundwater are below and downgradient of the Unit 4 building and centered at approximately 90 feet to 110 feet bgs in the UMCf.



Notes:

1. Water table surface based on June 2016 groundwater elevation data.
2. Colored tubes show groundwater chloroform concentrations.
3. Vertical Exaggeration: 6:1 Vertical:Horizontal (below ground).
4. mg/L: milligrams per liter (groundwater).

TETRA TECH
www.tetratech.com
150 S. 4th Street, Unit A
Henderson, Nevada 89015
PHONE: (702) 966-8340

NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

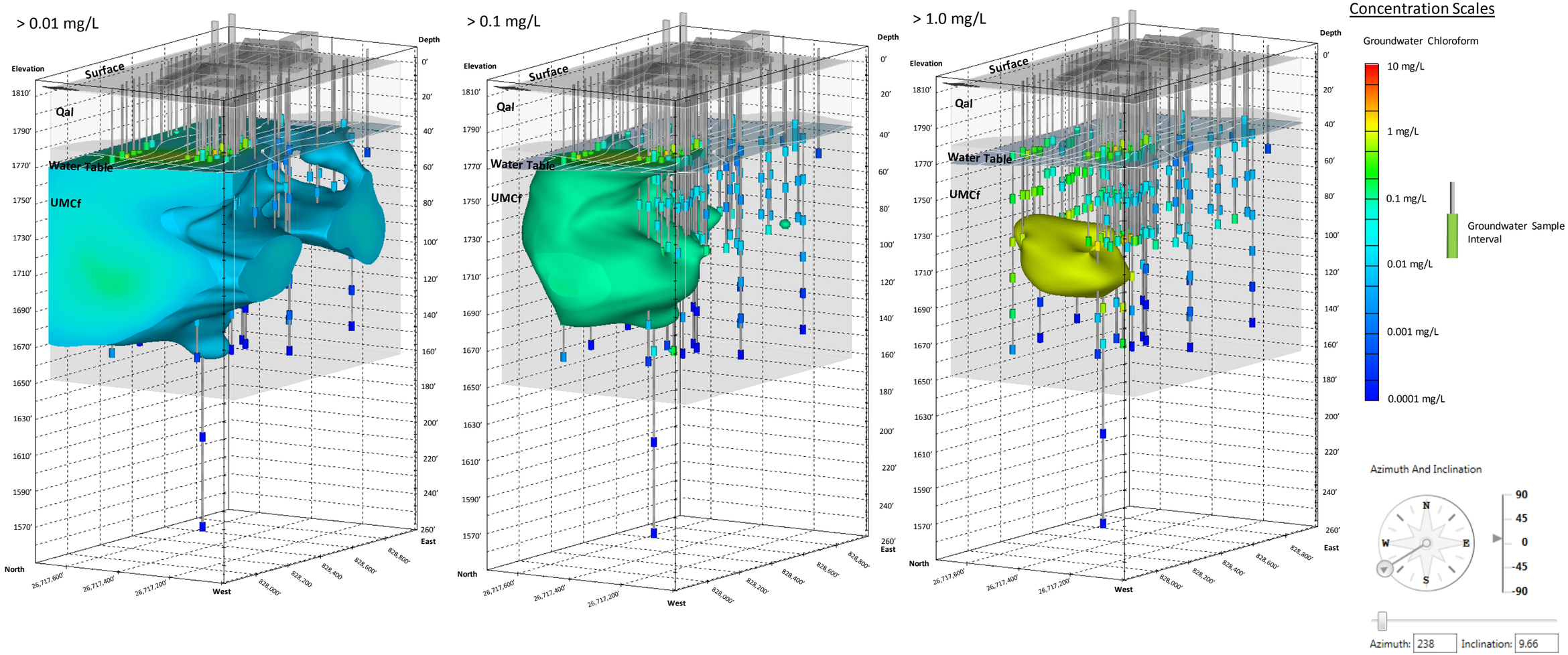
UNIT 4 AND UNIT 5 BUILDINGS INVESTIGATION SECOND MOBILIZATION
HENDERSON, NEVADA

CHLOROFORM GROUNDWATER SAMPLE RESULTS

Project No.:	117-7502017
Date:	April 26, 2017
Designed By:	MRB

Figure No.
E-26

\\geos051b1\GEOLVOL1\PROJECTS\NERTM02\February Meeting\Figures\Fig E-26 - Chloroform GW3D85_11.pptx



Notes:

1. Data interpolation truncated below 163 ft bgs due to insufficient data.
2. Water table surface based on June 2016 groundwater elevation data.
3. Colored tubes show groundwater chloroform concentrations.
4. Vertical Exaggeration: 6:1 Vertical:Horizontal (below ground).
5. mg/L: milligrams per liter (groundwater).
6. Data gap present underneath the Unit 5 building; concentrations shown are interpolated by EVS using the closest available data.

TETRA TECH
www.tetratech.com
150 S. 4th Street, Unit A
Henderson, Nevada 89015
PHONE: (702) 966-8340

NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

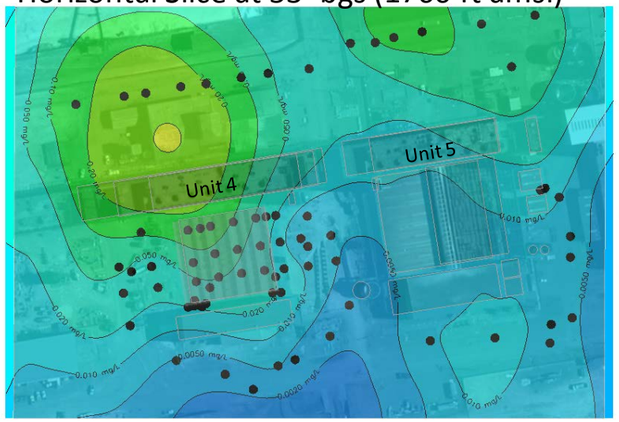
UNIT 4 AND UNIT 5 BUILDINGS INVESTIGATION SECOND MOBILIZATION
HENDERSON, NEVADA

CHLOROFORM DISTRIBUTION IN GROUNDWATER

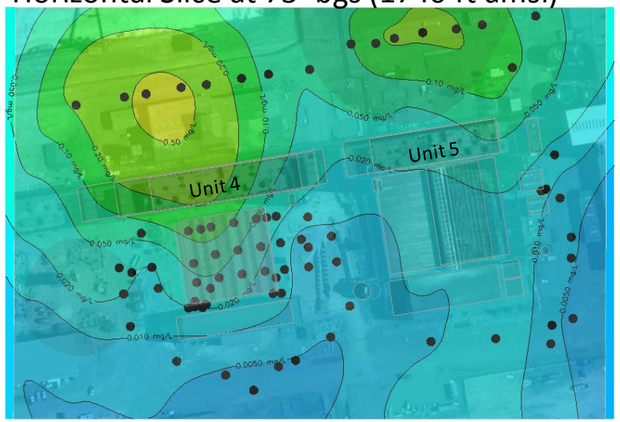
Project No.:	117-7502017
Date:	April 27, 2017
Designed By:	MRB

Figure No.
E-27

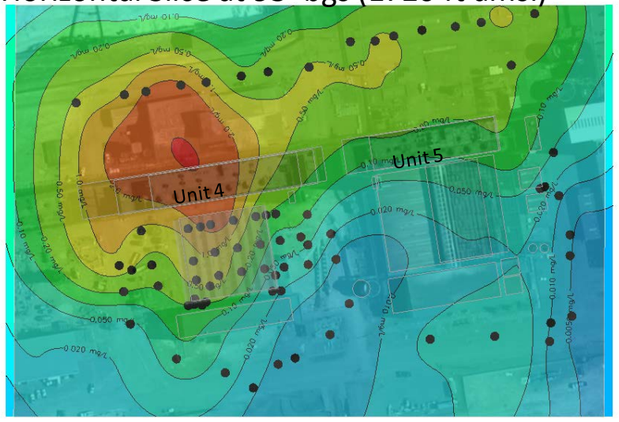
Horizontal Slice at 53’ bgs (1760 ft amsl)



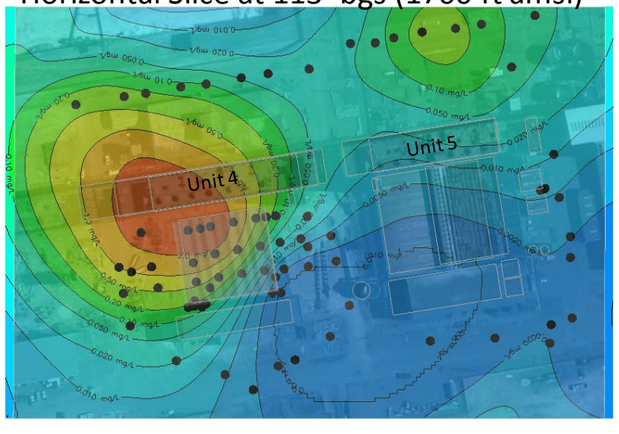
Horizontal Slice at 73’ bgs (1740 ft amsl)



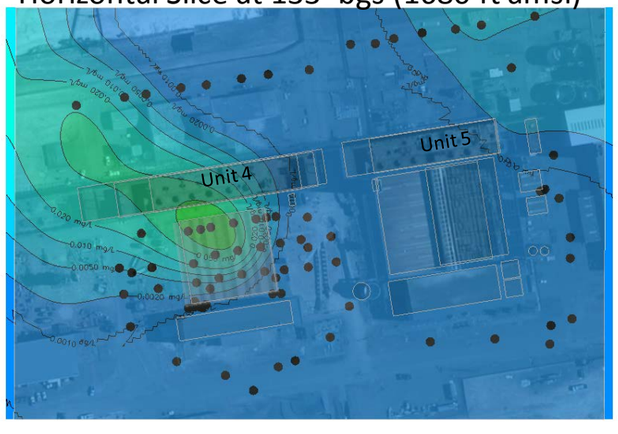
Horizontal Slice at 93’ bgs (1720 ft amsl)



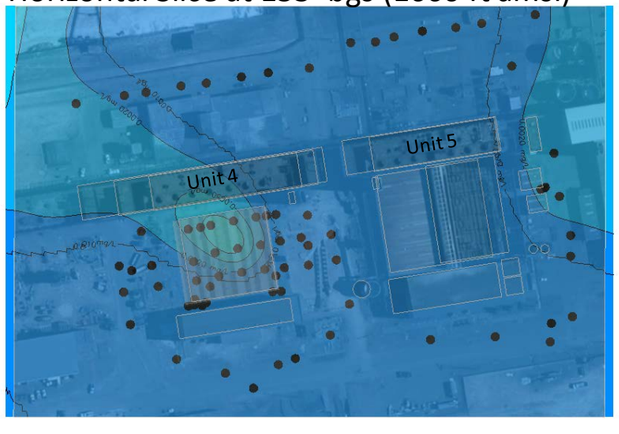
Horizontal Slice at 113’ bgs (1700 ft amsl)



Horizontal Slice at 133’ bgs (1680 ft amsl)



Horizontal Slice at 153’ bgs (1660 ft amsl)



Concentration Scale

Groundwater Chloroform

- 10 mg/L
- 1 mg/L
- 0.1 mg/L
- 0.01 mg/L
- 0.001 mg/L
- 0.0001 mg/L

Borehole Location

N

Notes:

1. Ground surface elevation is assumed to be 1,813 ft amsl for the purposes of illustrated depth.
2. Data gap present underneath the Unit 5 building; concentrations shown are interpolated by EVS using the closest available data.

TETRA TECH
www.tetratech.com
150 S. 4th Street, Unit A
Henderson, Nevada 89015
PHONE: (702) 966-8340

NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND UNIT 5 BUILDINGS INVESTIGATION SECOND MOBILIZATION
HENDERSON, NEVADA

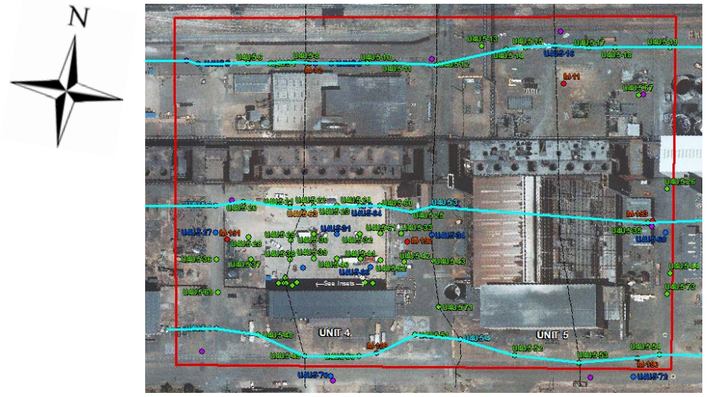
2D VISUALIZATION PLAN VIEW OF CHLOROFORM DISTRIBUTION IN GROUNDWATER, UNITS 4 AND 5

Project No.:	117-7502017
Date:	April 26, 2017
Designed By:	MRB

Figure No.
E-28

\\geos05\1&1GEOLVOL1\PROJECTS\NERT\M02\February Meeting\Figures\Fig E-28 - Chloroform 2D GW_v2.pptx

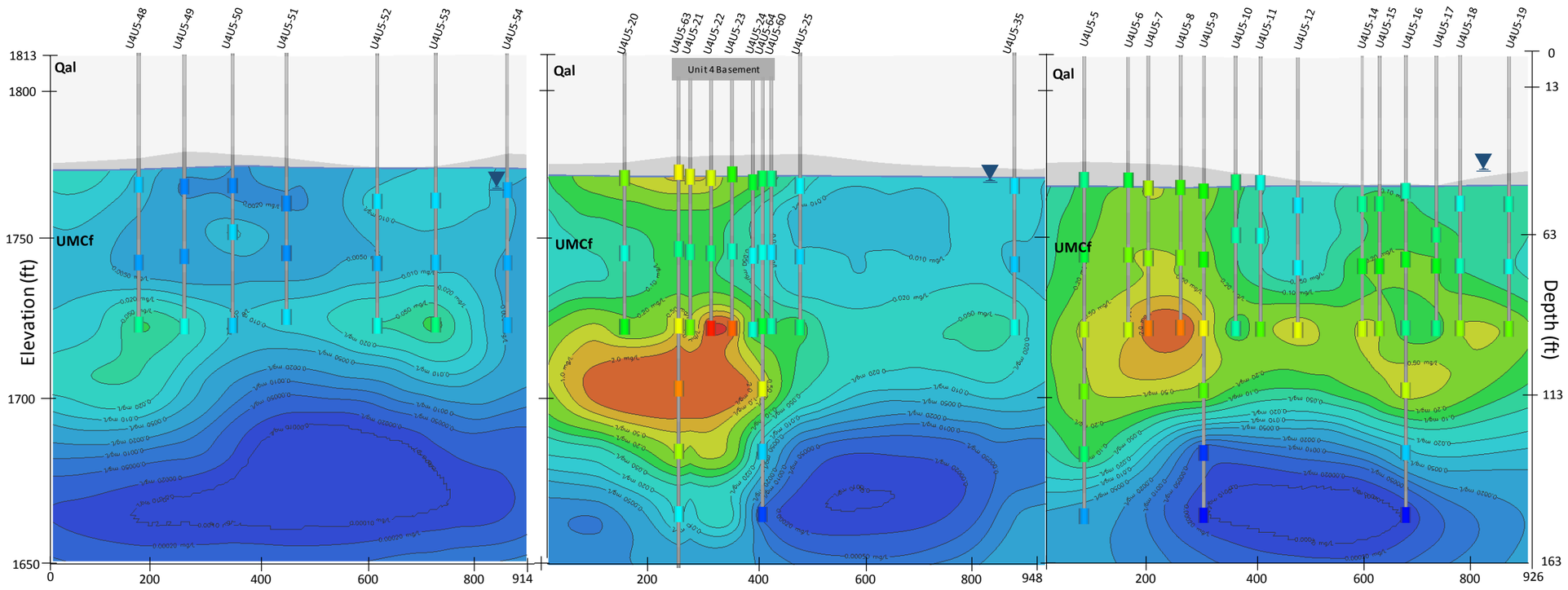
Transect Locations



Upgradient (South)

Through Units 4 and 5

Downgradient (North)



Distance Along Section (ft)

Concentration Scales

Groundwater Chloroform

10 mg/L

1 mg/L

0.1 mg/L

0.01 mg/L

0.001 mg/L

0.0001 mg/L

Water Table Surface

Groundwater Sample Interval

Notes:

1. Vertical exaggeration: 6:1.
2. Sections are shown looking North.
3. Colored tubes show groundwater chloroform concentration.
4. Water table surface based on June 2016 groundwater elevation data.
5. Data interpolation truncated below 163 ft bgs due to insufficient data.
6. Ground surface elevation is assumed to be 1,813 ft amsl for the purposes of illustrated depth.
7. Data gap present underneath the Unit 5 building; concentrations shown are interpolated by EVS using the closest available data.

TETRA TECH
www.tetratech.com
150 S. 4th Street, Unit A
Henderson, Nevada 89015
PHONE: (702) 966-8340

NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

UNIT 4 AND UNIT 5 BUILDINGS INVESTIGATION SECOND MOBILIZATION
HENDERSON, NEVADA

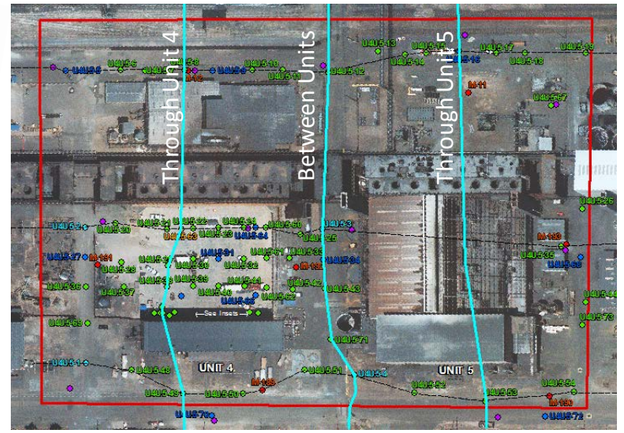
2D VISUALIZATION EAST-WEST CROSS SECTIONS OF CHLOROFORM DISTRIBUTION IN GROUNDWATER, UNITS 4 AND 5

Project No.:	117-7502017
Date:	April 27, 2017
Designed By:	MRB

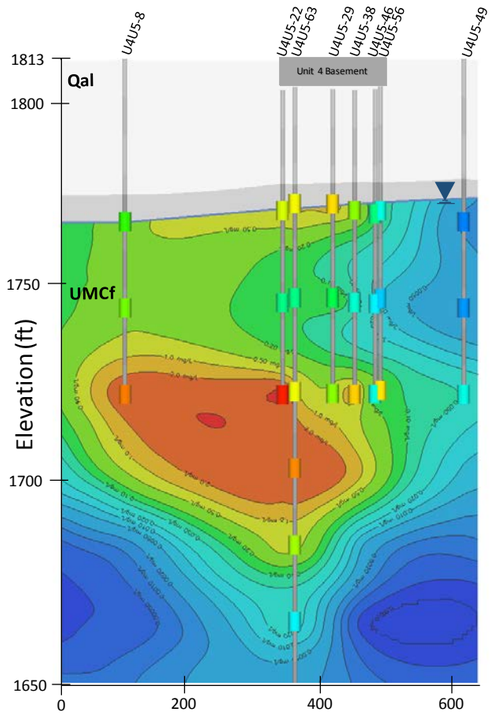
Figure No.
E-29

\\geos05\fs1\GEOLVVOL1\PROJECTS\NERTM\02\February Meeting\Figures\Fig E-29 - Chloroform GW Sections EW.pptx

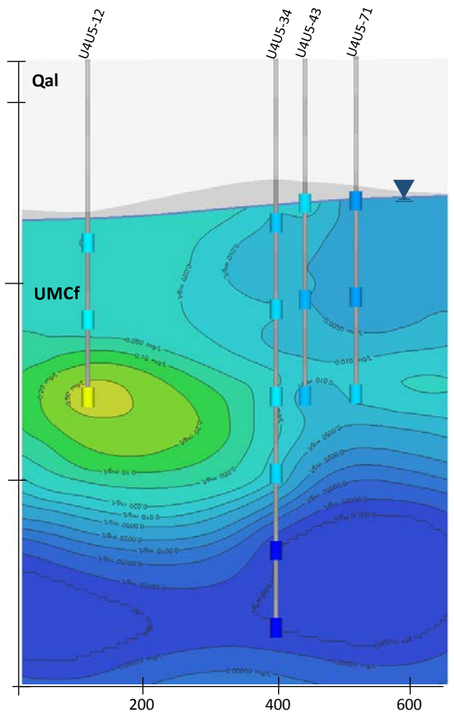
Transect Locations



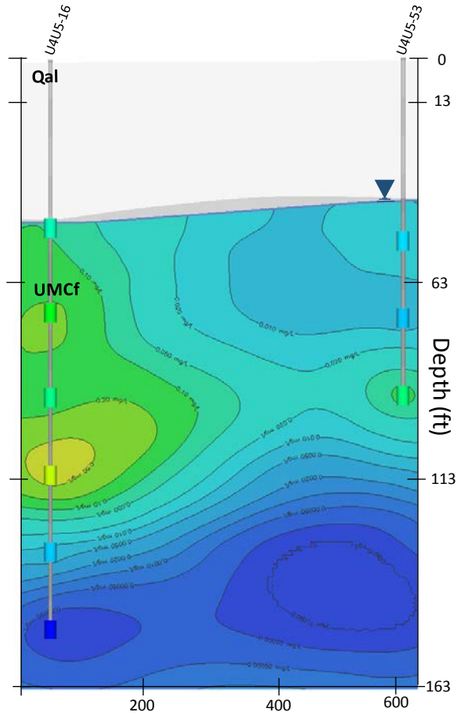
Through Unit 4



Between Units

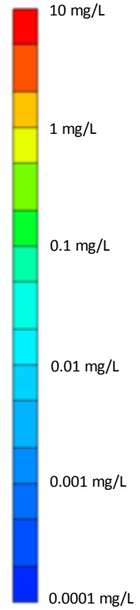


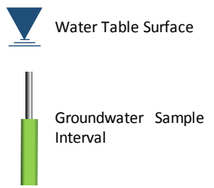
Through Unit 5



Concentration Scales

Groundwater Chloroform





Notes:

1. Vertical exaggeration: 6:1.
2. Sections are shown looking East.
3. Colored tubes show groundwater chloroform concentration.
4. Water table surface based on June 2016 groundwater elevation data.
5. Data interpolation truncated below 163 ft bgs due to insufficient data.
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TETRA TECH
www.tetratech.com
150 S. 4th Street, Unit A
Henderson, Nevada 89015
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NEVADA ENVIRONMENTAL RESPONSE TRUST SITE

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HENDERSON, NEVADA

2D VISUALIZATION NORTH-SOUTH CROSS SECTIONS OF CHLOROFORM DISTRIBUTION IN GROUNDWATER, UNITS 4 AND 5

Project No.:	117-7502017
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Designed By:	MRB

Figure No.
E-30