Former Jorgensen Forge Facility
Clean Closure Sampling Analysis Plan

Former Jorgensen Forge Facility
8531 E. Marginal Way S.
Tukwila, WA 98108

Prepared For:

Star Forge, LLC
8531 E Marginal Way S.
Tukwila, WA 98108

Prepared By:

DH Environmental, Inc.
1011 SW Klickitat Way
Suite 107
Seattle, WA 98134

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Section 1: INTRODUCTION

DH Environmental, Inc. (DH Environmental) has prepared this Sampling and Analysis Plan (SAP) on behalf of Star Forge, LLC (Star Forge), for documentation of Clean Closure of the Former Jorgensen Forge Facility located at 8531 E Marginal Way S., in Tukwila, Washington 98108 (Facility; Figure 1).

The purpose of this sampling effort is to demonstrate Clean Closure of the applicable Dangerous Waste Management Units (DWMUs; Figure 2) in accordance with WAC 173-303-610(2) and (5). In addition, suspect materials and areas at the facility will be sampled for the purpose of Waste Designation in accordance with WAC 173-303-070.

This SAP has been prepared to describe the specific sampling and analysis protocols to be followed during sampling efforts. These protocols are pursuant to the requirements of WAC 173-303-070, the technical requirements of EPA publication SW-846, *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods*, and the Washington State Department of Ecology (Ecology) Publication #97-407, revised December 2014, *Chemical Testing Methods for Designating Dangerous Waste* and Ecology Publication 94-111, *Guidance for Clean Closure of Dangerous Waste Units and Facilities* (2005).

The SAP describes the sample collection program, including the design and implementation of the proposed sampling; sample collection, handling, and analysis procedures; and quality assurance and quality control (QA/QC) requirements. The QA/QC protocols described here are necessary to achieve the site-specific objectives for sample collection and analysis. Records must be maintained documenting all sampling activities performed and data generated during implementation of this waste characterization SAP.

This SAP was developed and intended to be used for Clean Closure documentation and waste designation sampling only. Other site-specific project documents may also govern work conducted at the Site (e.g., health and safety plan, RI/FS work plans, etc.).

1.1 PROJECT ORGANIZATION

This section identifies key individuals and their responsibilities for all sampling efforts on the project.

Key personnel involved in the SAP activities and their roles and responsibilities are summarized below:

- Star Forge Project Manager: James Robertson (281.785.7875)
- DH Environmental Project Manager: David Hill, PE, CHMM, CPEA (206.293.3126)
- DH Environmental Project Geologist: Nathan Moxley, LG, LHG (509.332.9281)
- DH Environmental Health and Safety Manager: Brian Johnson, OHST, CET (206.930.4043)
- OnSite Environmental/Laboratory Project Manager: David Baumeister (425.883.3881)

OnSite Environmental, Inc. of Redmond, Washington, is a Washington State accredited environmental laboratory.

1.2 ENVIRONMENTAL CONSULTANT

The environmental consultant conducting the sampling activities will complete the following tasks:

- Communicate data quality objectives to the analytical laboratory analyzing samples collected from the Site.
- Assemble project teams, implement sample collection activities, and coordinate sample analyses.
- Ensure that the proper number, type, and quantity of sample containers, including preservation requirements, are available for field activities.
- Follow standard sampling protocols as defined in this SAP and other relevant site-specific project documents.
- Record and document all field data as specified in this SAP.
- Following applicable Standard Operating Procedures (SOPs), ensure that all samples are collected, preserved, labeled, packaged, and shipped to the contract analytical laboratory in an appropriate manner.
- Review analytical laboratory results and Quality Control (QC) data.
- Where applicable, report deficiencies in sample collection, preservation, handling, test methods, or documentation.
- Initiate and support technical audits and corrective action that may arise from deficiencies in sample collection, preservation, handling, test methods, or documentation.

1.3 ANALYTICAL LABORATORY

The analytical laboratory analyzing and reporting results for samples collected from the Site will:

- Understand and follow sampling objectives outlined in this SAP.
- Perform requested analyses using appropriate test methods specified in this SAP.
- Prepare analytical laboratory reports for the environmental consultant, including all relevant data and QC reports.
- Communicate analytical problems, issues, or concerns to the environmental consultant in a timely manner.
- Initiate corrective action when deficiencies in sample collection, preservation, handling, test methods, or documentation are identified internally by the contract analytical laboratory, or by the environmental consultant.

Section 2: PROJECT DESCRIPTION AND BACKGROUND

2.1 BACKGROUND[1]

The Jorgensen Forge Site is approximately 21.6 acres, located in an industrial area along the east bank of the Lower Duwamish Waterway. The site is bordered to the north by the Boeing Plant 2 property, and to the south by the Boeing Isaacson property. It is bordered to the west by the Lower Duwamish Waterway, and to the east by East Marginal Way South and the King County Regional Airport.

The property was used from 1942-1965 for fabrication of structural steel, tractor and road equipment. Operations at the site included forging and heat-treating by Isaacson Iron Works, which operated as a U.S. naval vessel manufacturer.

The property was owned and operated by Earle M. Jorgensen Company from 1965 until 1992, when it was purchased by the plant management group and became the Jorgensen Forge Corporation. Jorgensen manufactured specialized large-scale metal parts for the aircraft and marine industries, including open die steel forgings and rolled aluminum rings. They also processed nickel, titanium, and specialized alloys.

Following a bankruptcy settlement in 2016, Star Forge purchased the facility and began Clean Closure Activities in 2018. Although Clean Closure activities are being conducted by Star Forge, Earle M. Jorgensen Company (EMJ) is under an Agreed Order with the Washington State Department of Ecology to complete a remedial investigation and feasibility study (RI/FS) and a cleanup action plan to remediate legacy contamination at the site.

Contamination at the site is primarily the result of heavy industrial use since the 1940's, and contaminated groundwater migrating onto the property from off-site sources.

Contaminants of concern at the site include:

- Polychlorinated biphenyls (PCBs)
- Volatile organic compounds (VOCs)
- Halogenated volatile organic compounds (HVOCs)
- Metals (including arsenic, cadmium, chromium, lead, nickel, copper, and zinc)

2.2 PROJECT DESCRIPTION

Star Forge intends to demolish the structures at the site as a prerequisite to selling the property. Star Forge is conducting hazardous building materials abatement and Dangerous Waste Clean Closure necessary to obtain demolition permits. The Clean Closure efforts are considered a requirement of the Dangerous Waste Regulations and are not being conducted as part of the larger legacy contamination investigation and cleanup being concurrently conducted by EMJ.

[1] Information in this section was derived from the Washington State Department of Ecology's Jorgensen Forge Corp. Site Information webpage page: https://apps.ecology.wa.gov/gsp/Sitepage.aspx?csid=3689

The purpose of this sampling effort is to demonstrate Clean Closure of the applicable Dangerous Waste Management Units and designate any suspect materials and areas at the facility in accordance with WAC 173-303-070.

2.3 SAMPLING TARGET AREAS AND MATERIALS

Sampling is designed to target dangerous waste management units, and additional areas/material of concern identified across the facility. Each area targeted for sampling is described below.

2.3.1 Dangerous Waste Management Units

For the purposes of Clean Closure in accordance with the Dangerous Waste Regulations, we have identified the following Dangerous Waste Management Units subject to Clean Closure. These areas have been identified by historical documents and interviews with facility staff that worked at the facility when it was operational. Figure 2 shows the locations of the Dangerous Waste Management Units.

Each of the Dangerous Waste Management Units have been emptied and cleaned. The concrete floors of each unit were then cleaned using a high-pressure steam and hot water wash. Concrete wash water was contained and captured using a vacuum truck. Any waste generated as part of the cleaning process will be designated and disposed of at a properly permitted disposal facility and the documentation will be included in the final clean closure report.

Central Accumulation Area

The Central Accumulation Area (CAA) is one of two 90/180-day Dangerous Waste accumulation areas. The CAA is an approximately 1,000 SF structure with aluminum siding, a concrete slab and an approximately 1 ft. concrete base wall that served as secondary containment. The CAA stored Dangerous Waste in drums and small containers generated from facility maintenance and operations. Based on historical documents and interviews with facility staff, the structure at one time contained a 300 gallon above ground storage tank that served diesel fuel. Subsequently, the structure was also known as the “diesel house”.

Tote Storage Central Accumulation Area

The Tote Storage Central Accumulation Area (Tote Storage Area) is the other 90/180-day Dangerous Waste accumulation area. The Tote Storage Area is located north of the west end of the main building, between the main building and the baghouse. The Tote Storage Area is an approximately 800 ft^2 structure with wooden siding and a concrete slab floor. The Tote Storage Area stored Dangerous Waste and used oil totes and drums generated from facility maintenance and operations. Based on historical documents and interviews with facility staff, the structure at one time was used to clean and etch product samples prior to laboratory testing. Subsequently, the structure was also known as the “Acid House” or “Etch House” before it was used as a 90/180-day Dangerous Waste accumulation area in the 1990s.

Baghouse and Baghouse Processing Area

The baghouse and baghouse processing area are located north of the west end of the main building and tote storage building. The baghouse building is approximately 4,000 ft^2, and housed equipment to capture and contain dust from the baghouse tunnel that conveyed air and dust from the former melt shop to the baghouse. The baghouse dust was designated as a K061 waste stream as it meets the

definition of K061 Specific Source Waste from iron and steel sources in accordance with WAC 173-303-9904.

The baghouse processing area and concrete slab is divided by a wall thereby creating two separate areas denoted as Baghouse North and Baghouse South for the purposes of cleaning and sampling.

A subsurface utility trench was also located adjacent to the Baghouse, running parallel with the building along its east side. The utility trench is approximately 2-feet wide by 2-feet deep, and lined with concrete. The trench is covered by removable steel plates, and over the years of operations, material had accumulated in the trench. This material was removed using shovels, and the trench was cleaned using a hot pressure washer and a vacuum truck. The solids were placed into supersacks for designation and disposal, and the wash water liquids were placed into a tote.

2.3.2 Targeted Areas and Materials of Concern

Several areas and materials of concern were identified across the facility during site inspections, a review of historical operations, and interviews with former employees.

Melt Shop/Forge Shop Pits

The former Melt Shop and Forge Shop areas of the facility contain numerous subsurface process pits. Three of these pits were identified and targeted for sampling because the interior of the pits contain residual slag-like material, possibly from past forging operations.

Machine Shop Concrete Stockpile

During previous site closure activities, a stockpile of broken concrete debris was placed in the Machine Shop. The source of this concrete was from the Heat Treat Area located to the south. The material was targeted for sampling in order to properly designate the waste for disposal.

Underground Storage Tanks

Star Forge has previously identified 18 USTs at the Facility potentially subject to regulation under Washington State's UST regulations, WAC 173-360A. The USTs include UST-15 through UST-22, and UST-26 through UST-35. These tanks are associated with Ecology UST identification number 6163. The USTs are grouped into a North Tank Farm area (UST-26 through -35) and a South Tank Farm area (UST-15 through -22), as shown on Figure 8.

Samples will be collected from the liquids or solids in the tanks, if present, to properly designate the waste for disposal. In addition, fragments of metal slag-like material were observed to be covering the tanks, and this material will also be sampled for designation and disposal purposes.

Area Wide Statistical Sampling

The interior of the main structure comprising the former melt shop, forge shop, and the heat treat area is shown in Figure 2. Star Forge conducted extensive removal of dust, fine particles, and exposed soil (henceforth "area wide dust") from the floor, trusses, and other structural surfaces during 2019 to early 2020. The area wide dust has been referred to as process waste in previous documents and correspondence. This material is a mixture of dust, fine particulates, soil "track-in" and exposed soil that accumulated throughout the facility over many years of operation. The material is not a waste stream that was generated from any one process or unit operation.

Previous designation of this material is based on total metals, TCLP metals and total PCBs. This waste stream previously "passed" TCLP for RCRA 8 metals. However, the total metals content caused the area-wide dust to "book designate" as a Toxic Criteria Dangerous Waste and was assigned WA State Dangerous Waste number WT02. A fish bioassay was not conducted to refute the book designation. Therefore, the WT02 designation was assumed and approximately 2,500,000 lbs. of the area wide dust were removed and disposed of as WA State Toxic Criteria WT02 waste during 2019 and early 2020.

Although most of the area wide dust has been removed from the facility interior, some of this material remains on the floor of the facility and has possibly comingled with areas of exposed soil. Therefore, an area wide statistical analysis of the dust, fine particles, and exposed soil will be conducted to designate the remaining material so that it can be properly managed during the forthcoming demolition of the structures.

Section 3: SAMPLING DESIGN

3.1 DANGEROUS WASTE MANAGEMENT UNITS

The objective of the sampling design of the dangerous waste management units is to determine if the concrete floor surfaces have been adequately cleaned, and to determine if the concrete itself designates as dangerous waste. The Dangerous Waste Management units include the former Central Accumulation Area, Tote Storage Area, and the Baghouse.

The sampling design for the Central Accumulation Area, Tote Storage Area, and the northern portion of the baghouse will consist of gridding each area into four quadrants. The southern portion of the baghouse will be gridded into six equal sized areas due to its larger size. The concrete utility trench east of the baghouse will be divided into three equally spaced intervals along the length of the trench.

A minimum of one sample will be collected from the concrete floor surface in each of the sampling grids. Each sample will be collected from areas of staining, if present. If no areas of staining are present, the sample will be collected from the center of each grid.

3.2 MELT SHOP/FORGE SHOP PITS

Three pits were observed to contain slag-like material in the former Melt Shop area. These include the AOD Pit, the Arc Furnace Pit, and the Ingot Mold Pit.

A minimum of three samples will be collected from slag-like material in the AOD Pit and Arc Furnace Pit. In addition, a white fibrous material will also be sampled from the upper portions of the south wall of the AOD Pit. A minimum of two samples of the slag-like material will be collected from the Ingot Mold Pit.

3.3 MACHINE SHOP CONCRETE STOCKPILE

A pile of concrete debris located in the Machine Shop area was previously sampled by SoundEarth Strategies, Inc. (SoundEarth). A minimum of one composite sample will be collected from the concrete pile to confirm the results of the previous sampling, and to perform additional analysis for Dangerous Waste Fish Bioassay, if necessary. The composite sample will be collected from four to six locations around the stockpile.

3.4 UNDERGROUND STORAGE TANKS

Samples will be collected from each of the USTs containing liquids or solids. Three of the USTs had previously been closed in place and were filled with sand. A minimum of one sample will be collected from each of the USTs to designate the contents for disposal.

3.5 AREA WIDE STATISTICAL SAMPLING

The Area Wide sampling has been designed as a random sampling plan in accordance with EPA Publication SW-846, *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods* (EPA SW846). Previous sampling at the facility indicated concentrations of total lead and chromium in dust/soil in the Melt and Forge shop areas ranged up to 3,830 milligrams per kilogram (mg/kg) for chromium and up to 1,270 mg/kg for lead. Additionally, this same material was previously designated with a WT02 waste code due to an equivalent concentration greater than 0.001%, primarily based on

the concentration of total metals. Therefore, the focus of this sampling design is to determine if the soil will designate as characteristic waste for any of the RCRA 8 metals (Resource Conservation and Recovery Act list of eight metals [Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium, and Silver]) and be subject to Federal Land Disposal Restrictions.

The number of samples and location of sample points prescribed for this sampling plan was calculated using Visual Sampling Plan (VSP), a statistical sampling software package developed by the Pacific Northwest National Laboratory. A non-parametric random sampling plan was chosen for this site because spatial distribution of potential contamination is unknown, and due to the potential heterogeneous nature of the material.

Null Hypothesis. For this sampling design, we have chosen to assume the site is unacceptable (i.e., it will designate as RCRA Hazardous Waste) until proven otherwise. The working hypothesis (or 'null' hypothesis) is that the median concentration of leachable lead and chromium (e.g., lead and chromium concentrations in leachate after performing a Toxicity Characteristic Leaching Procedure [TCLP] test, Environmental Protection Agency [EPA] Method 1311) at the site is equal to or greater than the threshold of 5 milligrams per liter (mg/L). The alternative hypothesis is that the median TCLP lead and chromium concentrations are less than 5 mg/L.

In other words, if the data do not indicate with at least 95% confidence that the true median TCLP lead and chromium concentrations are less than 5 mg/L, the null hypothesis will not be rejected, and we will thus conclude that the soil is RCRA Hazardous Waste for Characteristic of Lead or Chromium Toxicity.

Although the design basis is lead and chromium, the results of all of the RCRA 8 metals can be evaluated statistically once the data is available. A design basis must be chosen however; and lead an chromium were chosen due to their prevalence in historical data.

The same null hypothesis will also be evaluated for the concentration of the other leachable RCRA 8 metals and total polychlorinated biphenyls (PCBs), compared with their respective regulatory levels (Maximum Concentration of Contaminants for the Toxicity Characteristic, 40 CFR 261.24(b); and 40 CFR 761.61 for PCBs). A Summary of the maximum concentrations is included in Table 1.

Table 1 - Maximum Concentration of Contaminants for VSP Analysis

Contaminant	Regulatory Level
TCLP Arsenic	5.0 mg/L
TCLP Barium	100.0 mg/L
TCLP Cadmium	1.0 mg/L
TCLP Chromium	5.0 mg/L
TCLP Lead	5.0 mg/L
TCLP Mercury	0.2 mg/L
TCLP Selenium	1.0 mg/L
TCLP Silver	5.0 mg/L
TCLP PCBs	50 mg/kg

Simple Random Sampling. In random sampling, VSP places samples within a sample area in a random arrangement using a random number generator.

Number of Samples. Using a nonparametric model and the input parameters summarized in Table 2, VSP calculated a minimum of 18 samples required to reject the null hypotheses with 95 percent confidence and ensure that soil would not be mistakenly designated as non-hazardous if it is hazardous. The total number of samples was increased by 20%, as recommended by MARSSIM (EPA,2000), to account for missing or unusable data and uncertainty in the calculated value of *n*. Therefore, a total of 22 samples was chosen for the sample plan to ensure convergence of statistical confidence.

Sample Locations. The X and Y coordinates for each of the randomly located samples are included in the VSP sample design summary in Appendix A. The coordinates were set based on the scale of the Site Map (Figure 2) with the origin set at the southeast corner of the building. A field copy of the VSP output map is included as Figure 3. Each sample location will be located in the field to the nearest 1-foot using a measuring wheel and the relative proximity to nearby site features. If there is not a sufficient volume of material to collect a sample at a given sample location, the location will be adjusted in the field to the nearest area with sufficient dust to collect a sample.

Table 2 below shows the VSP Parameter Inputs.

Table 2: Visual Sample Plan Inputs

Parameter	Value	Basis
Primary Objective of the Sampling Design	Compare a site mean or median to a fixed threshold	Reject the null hypothesis.
Type of Sampling Design	Non-parametric	Spatial distribution of potential contamination is unknown, and previous sampling experience suggests that parametric assumptions of the data may not be accurate.
Sample Placement	Simple Random Sampling	Random sampling is a probability-based sample design that provides an unbiased distribution over the entire sampling area. Probability-based design also allows for statistical inferences to be made about the sample population, based on the data obtained from a limited number of samples.
Standard deviation (S)	0.8	Estimated based on an expected range of concentration of 5 mg/L, and dividing that range by 6 in accordance with guidance by EPA, 1989 and EPA, 2002.
Delta (Δ)	5	This is the width of the gray region. It is a user-defined value relative to a unit action level.
Alpha (α)	5%	This is the acceptable error of deciding a dirty site is clean when the true mean is equal to the Action Level. It is a maximum error rate since dirty sites with a true mean above the Action Level will be easier to detect. A value of 5% was

		chosen as a practical balance between health risks and sampling cost.
Beta (β)	5%	This is the acceptable error of deciding a clean site is dirty when the true mean is at the lower bound of the gray region.
MARSSIM sampling overage	20%	MARSSIM suggests that the number of samples should be increased by at least 20% to account for missing or unusable data and uncertainty in the calculated value of n.

Section 4: FIELD SAMPLING AND ANALYTICAL PROCEDURES

All field sampling activities will be conducted and supervised by experienced personnel with appropriate training to conduct the sampling and work at hazardous waste sites. The sampling procedures for each of the sampling areas are described below.

Following sample collection, all samples shall be immediately labeled with the sample ID, date and time of collection, and placed on ice. Samples will be delivered to the selected analytical laboratory following standard chain of custody protocols. A field log will also be kept describing field conditions, observations, and any deviations from the sampling plan. Following sample collection, the location of each of the samples will be marked on the ground using marking paint for future reference, and a photo of the location will be taken as part of the sampling record.

4.1 SAMPLING PROCEDURES SUMMARY

4.1.1 Central Accumulation Area, Tote Storage Area, and Baghouse Areas

Sample locations from the concrete floor of the CAA, Tote Storage Area, and Baghouse areas will be determined in the field by dividing each area into its respective sampling grids and selecting the target sampling locations as described in Section 3.1. Samples will be targeted from areas of staining, if present. Samples will be collected by using a roto-hammer concrete drill and drilling into the concrete surface approximately 3- to 4-inches and extracting the drill bit. The drill cuttings will then be scraped up onto a dedicated piece of cardstock and placed into laboratory supplied sampling containers. Multiple drill holes will likely be required to obtain sufficient sample volume, in which case the drill holes will be located in close proximity to each other.

Samples will be identified, at a minimum, with the name of the sample area (e.g. 'CAA' for Central Accumulation Area; 'BH' for Baghouse; 'TS' for Tote Storage, etc.), followed by a directional indicator to indicate which sampling quadrant the sample was obtained from (e.g., 'NW' for northwest, 'SE' for southeast, etc.). If a clear directional indicator cannot easily identify the quadrant the sample was obtained from, such as in the baghouse utility trench, the samples will be identified by a unique numerical identifier, and the location of the samples will be recorded in a field log book.

4.1.2 Subsurface Process Pits

All sampling activities from the subsurface process pits must follow Health and Safety guidelines and procedures described in the Site-Specific Health and Safety Plan (DH Environmental, 2020). The subsurface process pits are deep and are not protected with railings, and they present a unique health and safety risk to sampling personnel. In addition, the pits are considered confined spaces, and will be treated as a permit required confined space that requires fall protection, confined space rescue equipment, and monitoring of the air space for potential atmospheric hazards.

Samples will be collected of the slag-like material observed in the AOD Pit, the Arc Furnace Pit, and the Ingot Mold Pit. In addition, a white fibrous insulation-like material will also be sampled from the AOD pit. Samples of the slag-like material will be obtained using a rock hammer, pick ax, or other sampling utensils as determined based on the conditions in the field. Some of the material appears to be friable and may be relatively easy to remove from the concrete surfaces of the pit walls and floor. Other material may be more difficult to remove.

Once the samples of the slag-like material have been separated from the concrete, they will be placed into a dedicated 1-gallon plastic bag. The samples will then be reduced in size to the extent practical by hammering the plastic bag until enough material has been reduced to fragments to fill the sampling containers. The material needs to be reduced in size to less than approximately 0.5-inches in diameter. If the material cannot be reasonably reduced in the field, it will be submitted to the laboratory in sealed plastic bags for additional processing by the laboratory.

Samples will be identified with the name of the process pit followed by a numerical identifier, and the location of the samples will be recorded in a field log book.

4.1.3 Machine Shop Concrete Pile

A minimum of one six-point composite sample will be collected from the concrete debris pile located in the Machine Shop area. The sample will be collected using a shovel and digging a minimum of 12-inches into the stockpiled material. An equal portion of material will be composited together from six locations spaced equally around the stockpile. The material will then be homogenized, and fragments larger than approximately 0.5-inches in diameter will be manually removed. The homogenized sample will then be placed into laboratory supplied sampling containers.

4.1.4 Underground Storage Tanks

A minimum of one sample will be collected from each of the USTs containing more than 1-inch of liquids or solids. The USTs will be accessed by opening the entrance hatch of each tank. USTs containing liquids will be sampled by lowering a disposable polyethylene bailer through the column of liquid. USTs that have previously been closed in place and filled with sand will be sampled by retrieving the sand from the tank using a shovel. Following retrieval, the samples will be placed directly into laboratory supplied sampling containers.

Samples from the USTs will be identified by the UST number each sample was collected from. Samples of the sand material will also be identified with the term '-sand' in the sample name.

4.1.5 Area Wide Sampling

The area-wide samples will be collected by directly scraping up dust and/or soil at each sample location using a shovel or hand shovel. If insufficient material is available at a sample location to fill the laboratory supplied sampling containers, the location will be adjusted in the field to the closest possible position with sufficient material to sample. The location of any samples that have been moved will be recorded in the field log book.

Some of the samples may fall within areas of the facility that have been previously covered with visqueen to prevent infiltration of stormwater through open holes in the roof. In this case, the visqueen will be temporarily pulled back to allow access to the underlying sample location. Once the sample has been collected, the visqueen will be pulled back and secured.

Samples will be identified by the prefix 'AW' for 'area-wide' and a numerical identifier as determined by VSP.

4.2 ANALYTICAL PROCEDURES

All samples will be analyzed for total RCRA 8 metals by EPA Methods 6010D (arsenic, barium, cadmium, chromium, copper, lead, nickel, selenium, silver, and zinc) and 7471B (mercury); TCLP RCRA 8 metals

by EPA methods 1311 (extraction), 6010D (all except mercury), and 7471B (mercury); PCBs by EPA method 8082; and VOCs by EPA Method 8260. The analytical methods, bottle type, preservations, and holding times are summarized in Table 3, including for the additional analytes described in Section 4.3.

Table 3: Containers, Preservatives, and Holding Times for Media Samples

Analysis	Matrix	EPA Analytical Method	Sample Container Size/Type	Preservation	Holding Time
Total metals	solids	• EPA 6010D (all except Hg) • EPA 7471 (Hg)	4-oz. clear wide mouth glass jar	None. Store on ice ≤ 6˚C	• 6 months (all except Hg) • 28 days (Hg)
TCLP Metals	solids	• EPA 1311 (extraction) • EPA 6010/6020 (all except Hg) • EPA 7470 (Hg)	4-oz. clear wide mouth glass jar	None. Store on ice ≤ 6˚C	6 months
PCBs	solids	• EPA 8082	4-oz. clear wide mouth glass jar	None. Store on ice ≤ 6˚C	none
VOCs	Solids	• EPA 8260	(3) 40-ml VOAs, (2) with a stir bar, (1) without a stir bar	None. Store on ice ≤ 6˚C	48-hours
Fish Bioassay	solids	• Method 80-12	4-oz. clear wide mouth glass jar	None. Store on ice ≤ 6˚C	45 days
PAHs	Solids	• EPA 8270	4-oz. clear wide mouth glass jar	None. Store on ice ≤ 6˚C	14-days to extract, 40-days to analyze
TPH-Gx	Solids	• NWTPH-Gx	(3) 40-ml VOAs, (2) with a stir bar, (1) without a stir bar	None. Store on ice ≤ 6˚C	48-hours
TPH-Dx	Solids	• NWTPH-Dx	4-oz. clear wide mouth glass jar	None. Store on ice ≤ 6˚C	14-days to extract, 40-days to analyze

Note: some samples may be able to be combined when analyzing for multiple compounds.

4.3 ADDITIONAL ANALYSIS

Additional compounds may also need to be analyzed to make a complete waste determination for the Site, following receipt of initial sampling results. This could include a fish bioassay test per *Biological Testing Method 80-12 for the Designation of Dangerous Waste* (Ecology, 2009). If an initial book designation results in an initial designation as WT-02, a fish bioassay test will be performed on that sample. If two or more samples result in an initial designation as WT-02, then a fish bioassay test will be performed on the two samples with the highest equivalent concentrations.

Polycyclic aromatic hydrocarbons (PAHs) are not considered a contaminant of concern in the waste streams described in this SAP. However, out of an abundance of caution, PAHs will be checked in selected waste designation samples for persistent criteria screening, and TCLP Semivolatile screening. A minimum of two samples will be analyzed for PAHs from the Area Wide sampling, and a minimum of one sample will be analyzed for PAHs from each of the Arc Furnace Pit and AOD Pit slag-like material, the CAA area, and both baghouse areas (Baghouse-North and Baghouse-South). The selection of

samples for PAH analysis will be made at random by personnel in the field. Samples submitted for analysis of PAHs will be analyzed by EPA Method 8270.

The presence or absence of petroleum hydrocarbons will not affect the waste designation determination because petroleum does not meet any of the toxicity criteria under WAC 173-303-100. However, samples collected from the CAA, TSA and Baghouse areas will be analyzed for hydrocarbons to evaluate the containment for clean closure requirements. Analysis for both gasoline- and diesel-range hydrocarbons will be by Method NWTPH-Gx and -Dx, respectively.

4.4 EQUIPMENT DECONTAMINATION PROCEDURES

All non-dedicated sampling equipment (trowels, sampling spoons, etc.) will be thoroughly decontaminated using a solution of anionic soap (e.g., Liquonox®) and deionized water followed by a "clean" rinse using deionized water. Samples will be collected using dedicated sampling equipment wherever possible to reduce the generation of investigation derived waste (IDW). All liquids generated during decontamination procedures will be containerized in Department of Transportation approved containers. The characterization and disposition of IDW is described in Section 4.10.

4.5 FIELD LOGBOOKS

Field logbooks and/or pre-printed field logs will be used to document where, when, how, and from whom any vital project information was obtained. Log entries will be complete and accurate enough to allow reconstruction of field activities. All entries will be legible, written in blue or black ink, and signed by the individual making the entries. Only factual and objective language should be used.

At a minimum, the following information will be recorded during the collection of each sample:

- Sample location and description
- Site or Sampling area sketch showing sample location and measured distances
- Sampler's name(s)
- Date and Time of each sample collection
- Designation of sample as composite or grab
- Type of sample (e.g., soil, sediment, or water)
- Type of sampling equipment used to collect each sample
- Field instrument readings and calibrations
- Field observations and details related to analysis or integrity of samples (e.g., weather conditions, noticeable odors, colors, etc.)
- Preliminary sample descriptions (e.g., for soils: clay loam, very wet; for water: clear water with strong ammonia-like odor)
- Sample preservations
- Sample identification numbers and any explanatory codes, and chain-of-custody form numbers
- Shipping arrangements (overnight air bill number)
- Name of recipient laboratories

In addition to the sampling information listed above, the following specific information will also be recorded in the field logbook for each day of sampling:

- Team members and their responsibilities

- Time of arrival/entry on site and time of site departure
- Other personnel on site
- Summary of any site meetings or discussions with contractors, agency personnel, site personnel, etc.
- Deviations from sampling plans, site safety plans, and QAPP procedures
- Changes in personnel and responsibilities with reasons for the changes
- Levels of safety protection

4.6 PHOTOGRAPHS

Photographs will be taken at all sampling locations and at other areas of interest on site. Photographs will serve to verify information entered in the field logbook, and/or to show sample areas, conditions, and individual samples. For each photograph taken, the following information will be written in the field logbook or recorded in a separate field photography log:

- Time, date, location, direction, and weather conditions
- Description of the subject photographed
- Name of person taking the photograph and name of person witnessing the photograph

4.7 LABELING

All samples collected will be labeled in a clear and precise way for proper identification in the field and for tracking in the laboratory. The samples will have preassigned, identifiable, and unique numbers. At a minimum, the sample labels will contain the following information:

- Station location
- Date of collection
- Analytical parameter(s)
- Method of preservation, if applicable

Every sample, including samples collected from a single location but going to separate laboratories, will be assigned a unique sample number.

4.8 CHAIN OF CUSTODY FORMS AND PROCEDURES

Chain-of-custody forms are used to document sample collection and shipment to laboratories for analysis. All sample shipments for analyses will be accompanied by a chain-of-custody form.

The chain-of-custody form will identify the contents of each shipment and maintain the custodial integrity of the samples. Generally, a sample is considered to be in someone's custody if it is either in someone's physical possession, in someone's view, locked up, or kept in a secured area that is restricted to authorized personnel. Until the samples are shipped or delivered to a Washington State accredited environmental laboratory, the custody of the samples will be the responsibility of DH Environmental personnel. The sampling team leader or designee will sign the chain-of-custody form in the "relinquished by" box and note date, time, and air bill number (if applicable).

The sample numbers for all rinsate samples, reference samples, laboratory QC samples, and duplicates will be documented on the chain-of-custody form. The original form is left with the laboratory analyzing the samples.

The shipping containers in which the samples are stored (e.g., usually an ice chest), will be sealed with self-adhesive custody seals any time the samples are not in someone's possession or view before shipping. All custody seals will be signed and dated.

4.9 PACKAGING

The packaging procedures that will be followed:

- When ice is used, it will be packed in double plastic bags.
- The bottom of the cooler will be lined with bubble wrap to prevent breakage.
- All sample bottles will be placed in plastic zip-lock bags or equivalent.

4.10 INVESTIGATION DERIVED WASTE

IDW generated during this investigation could include, but is not limited to, extra sample volume not retained for laboratory analysis, or decontamination liquids. All IDW will be placed in DOT approved containers and labeled with the container number, contents, date of accumulation, property owner, and contact information for the property owner or representative.

Section 5: REFERENCES

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EPA, 2002. RCRA Waste Sampling Draft Technical Guidance; Planning, Implementation, and Assessment. EPA Publication EPA530-D-02-002. August.

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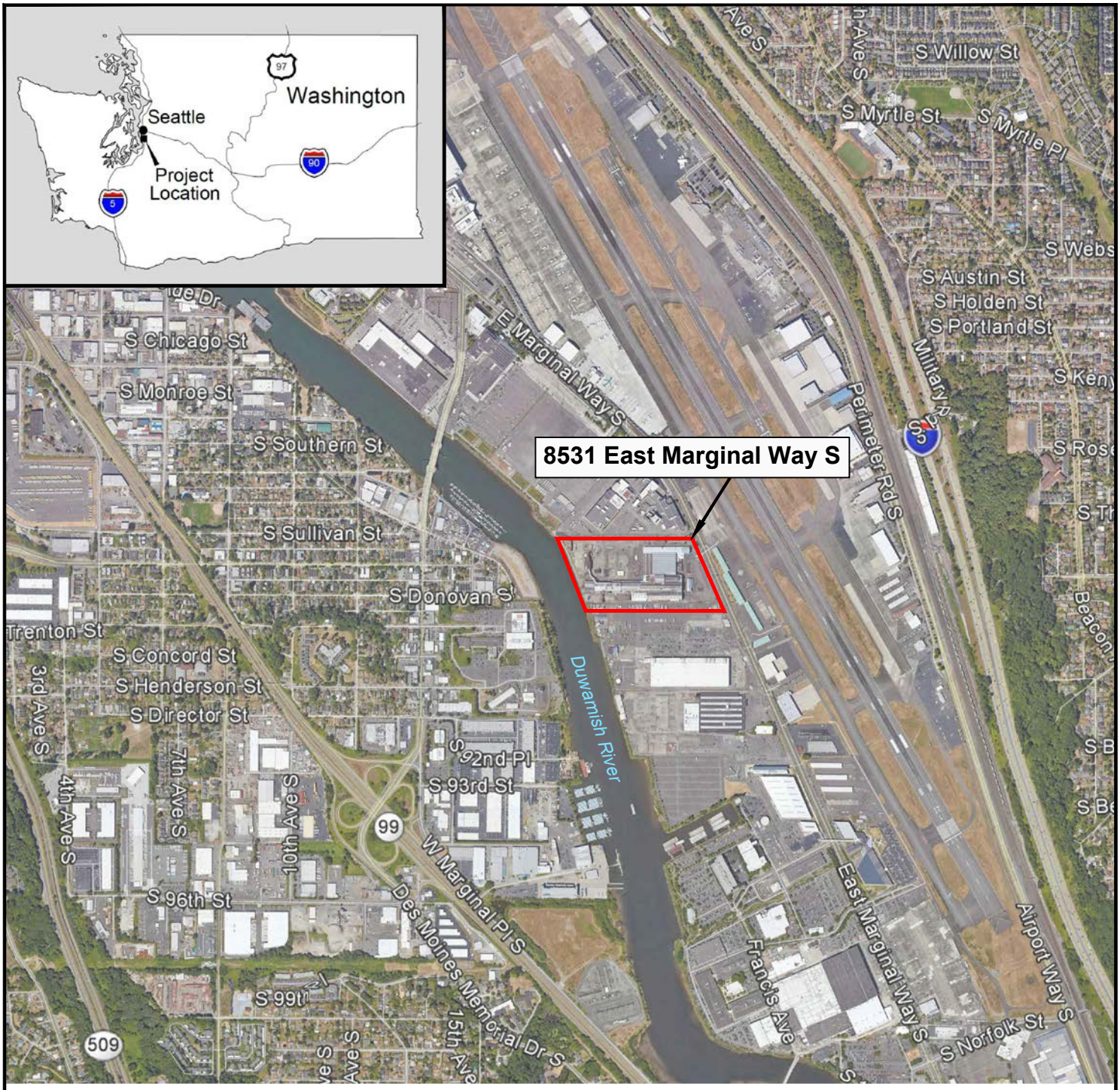

Vicinity Map

0 750 1500
Scale in Feet

LEGEND
Site Location

N

Background Images Source: Google Earth Pro 5/26/2018

DH Environmental Inc

VICINITY MAP

Former Jorgensen Forge Facility 8531 East Marginal Way S Tukwila, WA, 98108	06-19-2020	Figure 1

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Southwest Bank Area
Approximate Area of JFOS Removal Action
Property Line Outfall
Sheet Pile Footprint
2-66 Area
2016 Excavation
Former SCL Transformers
6-Inch Diameter Lateral
12-Inch Diameter Lateral
Dangerous Waste Central Accumulation Area (Fig. 3)
Bethlehem Steel 12-Inch Diameter Lateral
12-Inch Diameter Property Line Pipe
15-Inch Diameter Lateral
Boeing Plant 2 Facility
South Yard Area
15-Inch Diameter Lateral
Office Building Lateral
King County International Airport (Boeing Field)
East Marginal Way South
Galvanized Bolt Storage
Black Shack Motor Storage
300 Gallon Diesel AST
Shipping Yard
Truck Scale
Former Aboveground Cutting Oil Supply Tank
Main Office
24-Inch Diameter Property Line Pipe
4-Inch Diameter Lateral
Machine Shop Concrete Pile (Fig. 7)
Shipping Chemical Storage Area
Shipping Area
Melt Bag House Air Pumps
Galvanizing Shop
Power House
Templet Shop
Receiving Yard
Former Cutting Oil Supply Line
Hollowbore Area
Diesel Fueling and Used Oil Storage (Former Waste Chemical Storage) Building
Former Billet/Ingot Storage
Tower Shop
Melt Bag House Control Room
Baghouse (Fig. 5)
Former Swarf Storage Area
Metal Storage Shed
Fastenal Warehouse
Area 1 LNAPL Plume
Offices
Former Unregistered 2000-Gallon UST
Excavation Limits
Delivered Material Storage Area
Fabricating Shop
Stoke House
Machine Shop Area
Oil House
Former Unregistered 1000-Gallon UST
Former 8000-Gallon UST
Sludge Location (Observed in 1990)
Melt Bag House
Stormwater Treatment System
Former Oil-Water Separator
Receiving
Engineering Office Trailer
Electrical Shop
Maintenance Tooling
Auto Repair Shop
Carpentry Shop
Former Human Resources Trailer
Former Product Dispenser Location
SB3 Excavation Area
Former Acid Pit
Bolt and Rivet Storage
Blacksmith Shop
Former Gasoline AST
Tool Room
Former Steam Clean Area
Covered Metal Chip Storage
Heat Treat Area
Offices
Lab
Machine Shop
Mach. 1st Floor Engineering 2nd Floor
SB4 Excavation Area
Tote/Drum Storage Building (Fig. 4)
Former Etch House/Temporary Storage Area
Melt Shop Pits (Fig. 6)
Former Steam Clean Area
Underground Storage Tank Area (Fig. 8)
Former Liquid Cooling Gas Storage
Former Shops and Locker Rooms
Former Shops and Locker Rooms
Portable Quench Tank Q9
Portable Quench Tank Q4
Fuel Oil Supply and Return Lines
6,000 Gallon Propane Tank
Electric Trench
Hydraulic Oil Tank
Forge Furnaces
Area 2 LNAPL Plume
Aluminum Heat Treat Building
Former Electrical Station
Utilidor
Former Melt Shop Area
Former Metals Storage Area
Forge Furnaces
Forge Furnaces
Forge Shop Area
Finished Material Storage Area
Former Melt Steel Slag and Mill Scale AOD/EAF Slag Storage Area
Former Scrap and Magnetic Scrap
Billet and Grinding
Billet Grinding Bag House
Former Billet Storage
Former Upsetter Machine
Former Tank Fill Ports
Magnetic Metal Chips/Turnings Storage Area
Former Scrap Storage Bins
Former Swarf Stockpile Area
Boeing/Isaacson Property
Area Wide Sampling (Fig. 9)
LOWER DUWAMISH WATERWAY
9
8
7
6
5
4
3
2
1
-5
-10
-15
N
0 60 120
Scale in Feet

Legend

- Approximate Property Boundary
- Top of Shoreline Bank (2012)
- Top of Shoreline Bank (2014)
- Former Bethlehem Steel Facility
- Former Embayment
- Property Line Outfall Pipes
- Estimated Extent of LNAPL on Groundwater (Farallon, August 2009)
- Approximate Excavation Extents
- Bulkhead Area
- 3 Outfall (Active)
- 9 Outfall (Inactive)
- Railroad
- Fence
- T Transformer
- Below Ground Feature

Notes:

1. Figure adapted from client file, 141500101002_1-8.dwg, prepared by PES Environmental, Inc. dated July 2017, and 01012802-006.dwg, prepared by Achor Environmental, LLC and Farallon Consulting. Property Boundary from client file, 11078 Topo E-MAIL.dwg, prepared by Anchor QEA, LLC., Dated Jan 24, 2012.
2. Red text refers to features of the former Bethlehem Steel Facility.

DH Environmental Inc

SITE MAP

Former Jorgensen Forge Facility 8531 E. Marginal Way S. Tukwila, WA, 98108	06-19-2020	Figure 2

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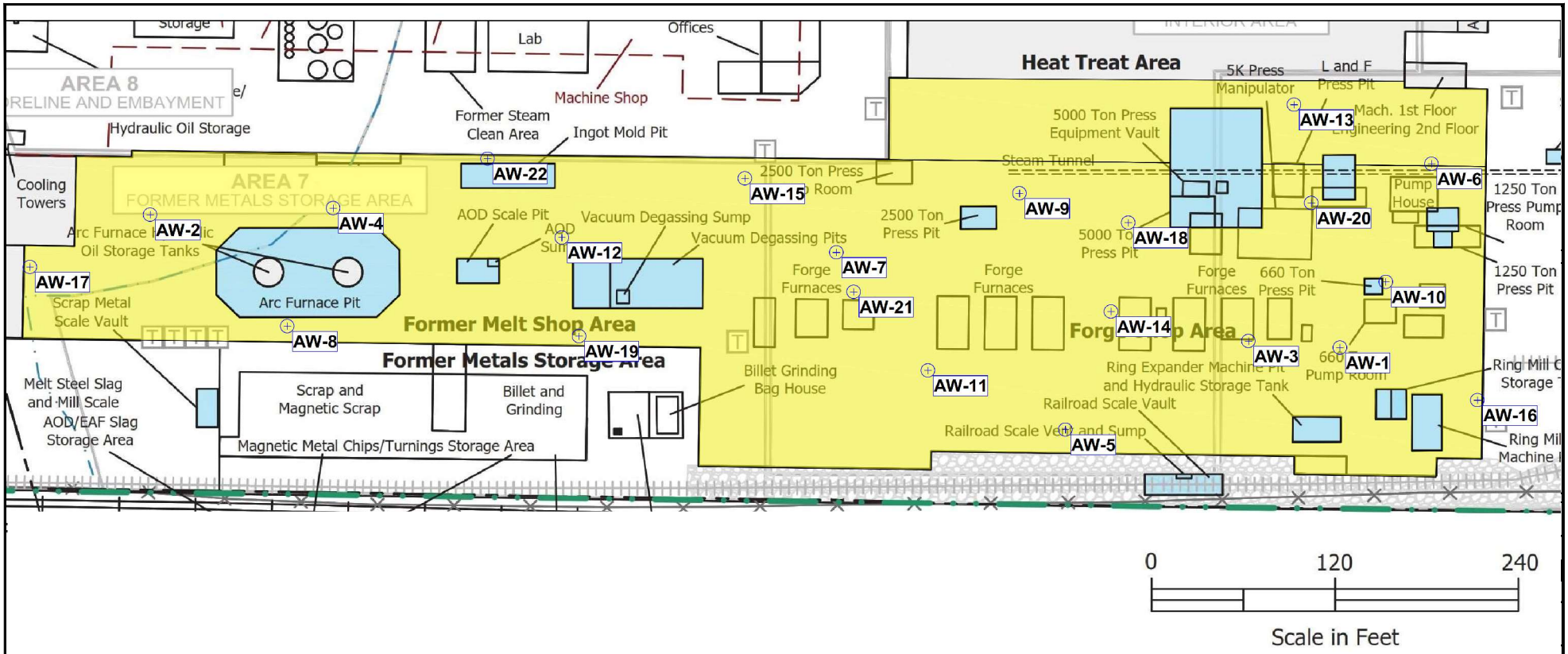


DH Environmental Inc

Area Wide
VSP Sampling Map

Former Jorgensen Forge Facility 8531 East Marginal Way S Tukwila, WA, 98108	05-29-2020	Figure 3

N

Field Copy

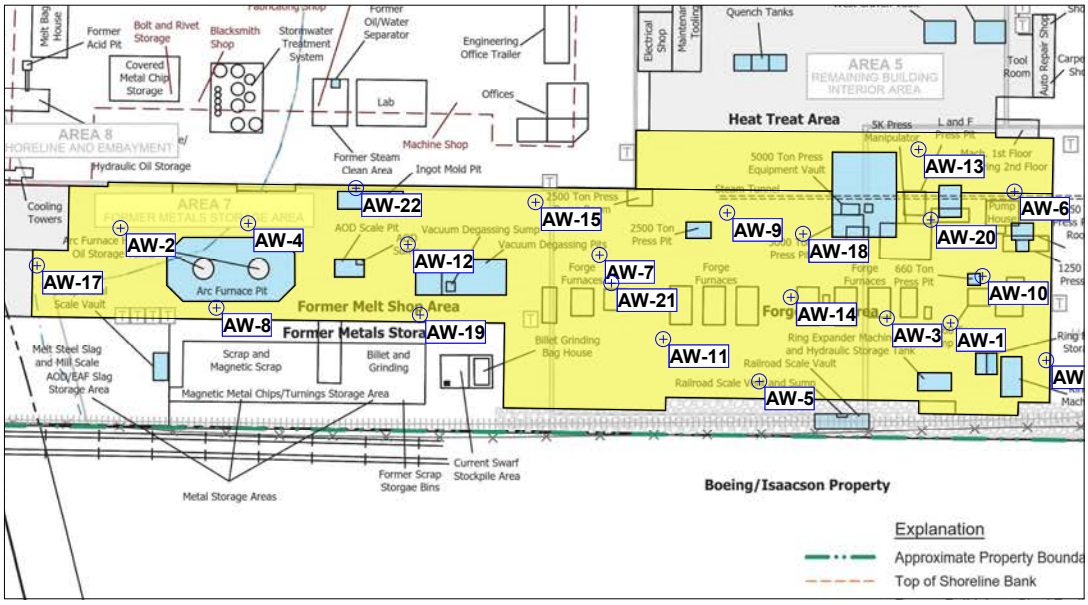
Random sampling locations for comparing a median with a fixed threshold (nonparametric - MARSSIM)

Summary
This report summarizes the sampling design used, associated statistical assumptions, as well as general guidelines for conducting post-sampling data analysis. Sampling plan components presented here include how many sampling locations to choose and where within the sampling area to collect those samples. The type of medium to sample (i.e., soil, groundwater, etc.) and how to analyze the samples (in-situ, fixed laboratory, etc.) are addressed in other sections of the sampling plan.

The following table summarizes the sampling design developed. A figure that shows sampling locations in the field and a table that lists sampling location coordinates are also provided below.

SUMMARY OF SAMPLING DESIGN	
Primary Objective of Design	Compare a site mean or median to a fixed threshold
Type of Sampling Design	Nonparametric
Sample Placement (Location) in the Field	Simple random sampling
Working (Null) Hypothesis	The median(mean) value at the site exceeds the threshold
Formula for calculating number of sampling locations	Sign Test - MARSSIM version
Calculated number of samples	18
Number of samples adjusted for EMC	18
Number of samples with MARSSIM Overage	22
Number of samples on map [a]	22
Number of selected sample areas [b]	1
Specified sampling area [c]	159472.83 ft^2

[a] This number may differ from the calculated number because of 1) grid edge effects, 2) adding judgment samples, or 3) selecting or unselecting sample areas.
[b] The number of selected sample areas is the number of colored areas on the map of the site. These sample areas contain the locations where samples are collected.
[c] The sampling area is the total surface area of the selected colored sample areas on the map of the site.



Area: melt/forge shops						
X Coord	**Y Coord**	**Label**	**Value**	**Type**	**Historical**	**Sample Area**
-92.8	74.8	AW-1		Random		
-871.4	163.8	AW-2		Random		
-152.7	79.2	AW-3		Random		
-751.6	168.2	AW-4		Random		
-272.5	19.8	AW-5		Random		
-32.9	197.9	AW-6		Random		
-422.2	138.5	AW-7		Random		
-781.6	89.1	AW-8		Random		
-302.5	178.1	AW-9		Random		
-62.9	118.7	AW-10		Random		
-362.3	59.4	AW-11		Random		
-601.9	148.4	AW-12		Random		
-122.8	237.4	AW-13		Random		
-242.6	99.0	AW-14		Random		
-482.1	188.0	AW-15		Random		
-3.0	39.6	AW-16		Random		
-950.0	128.6	AW-17		Random		
-231.3	158.3	AW-18		Random		
-590.7	82.5	AW-19		Random		
-111.5	171.5	AW-20		Random		
-411.0	112.1	AW-21		Random		
-650.6	201.2	AW-22		Random		

Primary Sampling Objective
The primary purpose of sampling at this site is to compare a site median or mean value with a fixed threshold. The working hypothesis (or 'null' hypothesis) is that the median(mean) value at the site is equal to or exceeds the threshold. The alternative hypothesis is that the median(mean) value is less than the threshold. VSP calculates the number of samples required to reject the null hypothesis in favor of the alternative one, given a selected sampling approach and inputs to the associated equation.

Selected Sampling Approach
A nonparametric random sampling approach was used to determine the number of samples and to specify sampling locations. A nonparametric formula was chosen because the conceptual model and historical information (e.g., historical data from this site or a very similar site) indicate that typical parametric assumptions may not be true.

Both parametric and non-parametric equations rely on assumptions about the population. Typically, however, non-parametric equations require fewer assumptions and allow for more uncertainty about the statistical distribution of values at the site. The trade-off is that if the parametric assumptions are valid, the required number of samples is usually less than if a non-parametric equation was used.

VSP offers many options to determine the locations at which measurements are made or samples are collected and subsequently measured. For this design, simple random point sampling was chosen. Locating the sample points randomly provides data that are separated by varying distances, providing good information about the spatial structure of the potential contamination. Knowledge of the spatial structure is useful for geostatistical analysis. However, it may not ensure that all portions of the site are equally represented.

Number of Total Samples: Calculation Equation and Inputs
The equation used to calculate the number of samples is based on a Sign test (see PNNL 13450 for discussion). For this

site, the null hypothesis is rejected in favor of the alternative one if the median(mean) is sufficiently smaller than the threshold. The number of samples to collect is calculated so that if the inputs to the equation are true, the calculated number of samples will cause the null hypothesis to be rejected.

The formula used to calculate the number of samples is:

$$n = \frac{\left(Z_{1-\alpha} + Z_{1-\beta}\right)^2}{4(SignP - 0.5)^2}$$

where

$$SignP = \Phi\left(\frac{\Delta}{S_{total}}\right)$$

$\Phi(z)$ is the cumulative standard normal distribution on $(-\infty,z)$ (see PNNL-13450 for details),
n is the number of samples,
S_{total} is the estimated standard deviation of the measured values including analytical error,
Δ is the width of the gray region,
α is the acceptable probability of incorrectly concluding the site median(mean) is less than the threshold,
β is the acceptable probability of incorrectly concluding the site median(mean) exceeds the threshold,
$Z_{1-\alpha}$ is the value of the standard normal distribution such that the proportion of the distribution less than $Z_{1-\alpha}$ is $1-\alpha$,
$Z_{1-\beta}$ is the value of the standard normal distribution such that the proportion of the distribution less than $Z_{1-\beta}$ is $1-\beta$.

Note: MARSSIM suggests that the number of samples should be increased by at least 20% to account for missing or unusable data and uncertainty in the calculated value of n. VSP allows a user-supplied percent overage as discussed in MARSSIM (EPA 2000, p. 5-33).

For each nuclide in the table, the values of these inputs that result in the calculated number of sampling locations are:

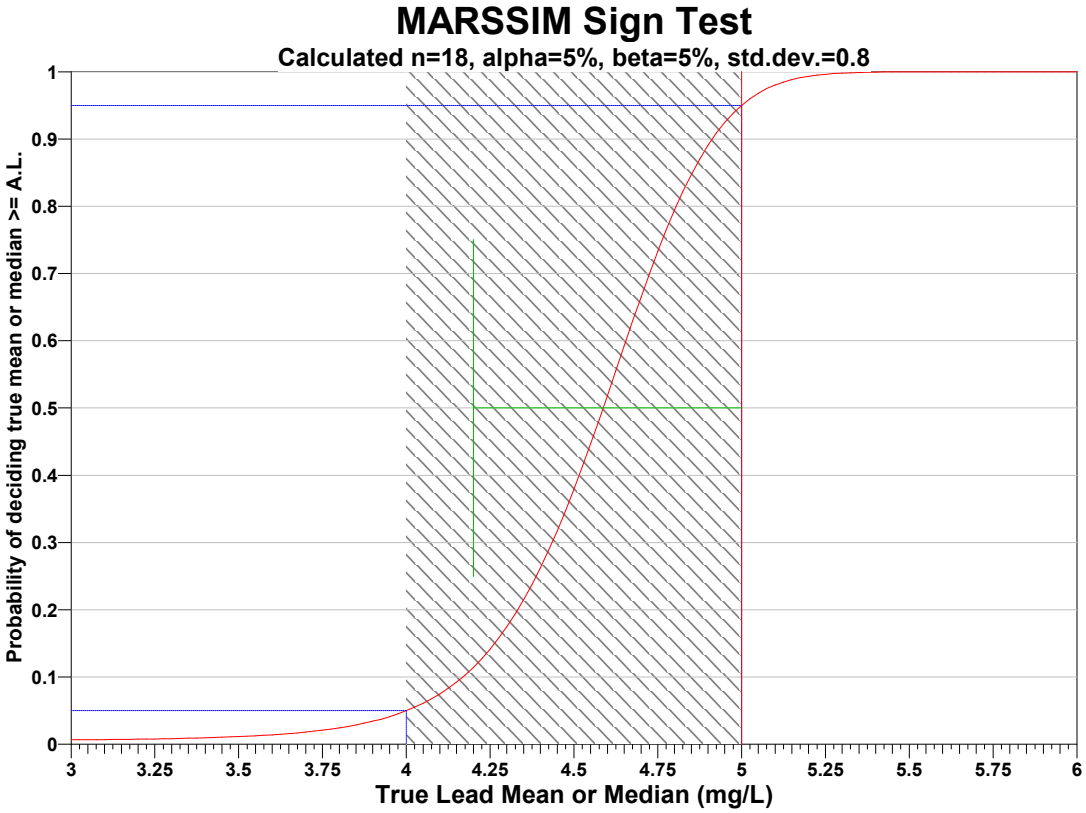
Nuclide	n[a]	n[b]	n[c]	Parameter					
				S_{total}	Δ	α	β	$Z_{1-\alpha}$ [d]	$Z_{1-\beta}$ [e]
PCB	0	0	0		5	0.05	0.05	1.64485	1.64485
Arsenic	0	0	0						
Barium	0	0	0						
Cadmium	0	0	0						
Chromium	0	0	0						
Lead	18	18	22	0.8	1	0.05	0.05	1.64485	1.64485
Mercury	0	0	0						
Selenium	0	0	0						
Silver	0	0	0						

[a] The number of samples calculated by the formula.
[b] The number of samples increased by EMC calculations.
[c] The final number of samples increased by the MARSSIM Overage of 20%.
[d] This value is automatically calculated by VSP based upon the user defined value of α.
[e] This value is automatically calculated by VSP based upon the user defined value of β.

Performance
The following figure is a performance goal diagram, described in EPA's QA/G-4 guidance (EPA, 2000). It shows the probability of concluding the sample area is dirty on the vertical axis versus a range of possible true median(mean) values for the site on the horizontal axis. This graph contains all of the inputs to the number of samples equation and pictorially represents the calculation.

The red vertical line is shown at the threshold (action limit) on the horizontal axis. The width of the gray shaded area is

equal to Δ; the upper horizontal dashed blue line is positioned at 1-α on the vertical axis; the lower horizontal dashed blue line is positioned at β on the vertical axis. The vertical green line is positioned at one standard deviation below the threshold. The shape of the red curve corresponds to the estimates of variability. The calculated number of samples results in the curve that passes through the lower bound of Δ at β and the upper bound of Δ at 1-α. If any of the inputs change, the number of samples that result in the correct curve changes.



Statistical Assumptions

The assumptions associated with the formulas for computing the number of samples are:

1. the computed sign test statistic is normally distributed,
2. the variance estimate, S^2, is reasonable and representative of the population being sampled,
3. the population values are not spatially or temporally correlated, and
4. the sampling locations will be selected randomly.

The first three assumptions will be assessed in a post data collection analysis. The last assumption is valid because the sample locations were selected using a random process.

Sensitivity Analysis

The sensitivity of the calculation of number of samples was explored by varying the standard deviation, lower bound of gray region (% of action level), beta (%), probability of mistakenly concluding that μ > action level and alpha (%), probability of mistakenly concluding that μ < action level. The following table shows the results of this analysis.

Number of Samples							
AL=5		α=5		α=10		α=15	
		s=1.6	s=0.8	s=1.6	s=0.8	s=1.6	s=0.8
LBGR=90	β=5	216	60	172	48	144	40
	β=10	172	48	132	36	108	30
	β=15	144	40	108	30	87	24
LBGR=80	β=5	60	22	48	17	40	15
	β=10	48	17	36	14	30	11

	β=15	40	15	30	11	24	9
LBGR=70	**β=5**	32	16	26	12	21	11
	β=10	26	12	20	10	16	9
	β=15	21	11	16	9	14	6

s = Standard Deviation
LBGR = Lower Bound of Gray Region (% of Action Level)
β = Beta (%), Probability of mistakenly concluding that μ > action level
α = Alpha (%), Probability of mistakenly concluding that μ < action level
AL = Action Level (Threshold)

Note: Values in table are not adjusted for EMC.

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Site Health and Safety Plan

PROJECT INFORMATION

Site/Project Name	*Star Forge – Clean Closure*
Location	*8531 E Marginal Way S, Seattle, WA 98108*
Plan Prepared by	*Brian Johnson*
Project Manager	*Scott St John*
Project Engineer	*David Hill*
Site Safety Officer	*Brian Johnson / Tony Bahnick*
Client Contact/Phone	*Wayne Turk / Matteo Sanesi*
Start Date	*04/21/2020*
End Date	*TBD*
Key Project Personnel/Phone	*Wayne Turk, Star Forge – (206-255-8177)* *Matteo Sanesi, Star Forge – (253-878-6415)* *Scott St John, DH Environmental – Project Manager (206-327-0026)* *Nathan Moxley, DH Environmental – Task Leader (509-332-9281)* *David Hill, DH Environmental - Principal Engineer (206-293-3126)* *Tony Bahnick, DH Environmental – Project Supervisor (206-445-4556)* *Brian Johnson, DH Environmental – Safety Officer (206-930-4043)* *Jacob Briere, DH Environmental – Project Lead (425-591-8223)*
Site Team/Crew Size	*5-10*
Will Client, Agency or Other Personnel be On Onsite?	☒ Yes ☐ No
Work Hours	*Work will be performed during daylight hours.*

<u>Responsibilities of the Site Safety Officer</u>

The Project Site Safety Officer (SSO), who will be on site daily, shall:

- *Implement this HASP and report any observed deviations from site conditions anticipated in the plan;*
- *Verify that on-site personnel and visitors are working in a manner consistent with applicable environmental and H&S regulations, site work plans and this project HASP, Advise the affected individual if a deviation is noted, and follow-up as appropriate;*
- *Verify that required personal protective, monitoring, and emergency equipment is used as required;*
- *Report observed accidents/incidents or inadequate work practices to the Contract Manager and Client;*
- *Report all accidents/incidents and findings regarding personnel exposure and work practices to the Contract Manager and Client;*
- *Conduct daily or pre-entry safety briefings*

FACILITY DESCRIPTION AND BACKGROUND

Type of Facility	*Star Forge – Former Large-scale metal fabrication plant*
Buildings/Structures	*The site is approximately 21.6 acres and has a mixture of industrial use buildings as well as office buildings.* *18 UST's/AST's of various sizes are located on site.*
Access	*Field Vehicles*
General Geologic and Hydraulic Setting	*Property located on east bank of the Duwamish Waterway. The depth to groundwater varies across the site but is approximately 10-feet below grade. Groundwater and soil are known to be, or have the potential to be, impacted with petroleum, metals, and PCBs.*
Site History	*The Jorgensen Forge Site is approximately 21.6 acres, located in an industrial area along the east bank of the Lower Duwamish Waterway. The site is bordered to the north by the Boeing Plant 2 property, and to the south by the Boeing Isaacson property. It is bordered to the west by the Lower Duwamish Waterway, and to the east by East Marginal Way South and the King County Regional Airport.* *The property was used from 1942-1965 for fabrication of structural steel, tractor and road equipment. Operations at the site included forging and heat-treating by Isaacson Iron Works, which operated as a U.S. naval vessel manufacturer.* *The property was owned and operated by Earle M. Jorgensen Company from 1965 until 1992, when it was purchased by the plant management group and became the Jorgensen Forge Corporation. Jorgensen manufactured specialized large-scale metal parts for the aircraft and marine industries, including open die steel forgings and rolled aluminum rings. They also processed nickel, titanium, and specialized alloys.*
Special Conditions/Comments	*Physical hazards such as vacant buildings, exposed pits, demolition debris, etc. are known to be present across the Site.*
Are Sources of Hazardous Substances Known to Have Been Stored/Spilled On Site?	☒ Yes ☐ No Comments:

PROJECT SCOPE OF WORK

SCOPE OF WORK

Mobilization / Site Preparation

- Mobilize all personnel, equipment, and materials as required to the site
- Inspect site prior to starting work to evaluate conditions
- Establish work perimeter via survey and staking of work area
- Establish work zones (exclusion, decontamination reduction, and support zones)
- Establish equipment, drum, and supplies management locations

Implement Monitoring and Control Measures

- Assure relevant and appropriate equipment (e.g. excavator, dump truck, air monitoring equipment, etc.) is on site and functioning prior to work activities.
- Test systems for operation and trouble shoot as necessary

Conduct Daily Safety Meeting and Periodic Safety Evaluations

- Assure all personnel are briefed on the day's tasks, known hazards, and hazard mitigation strategies.
- Encourage reporting unforeseen / unanticipated physical, equipment, and / or chemical hazards – issue STOP WORK AUTHORITY when necessary and review with all personnel – update Daily Toolbox Safety Meeting sheet

Site Orientation

- Prior to work assignment (layout, ingress; egress; emergency evacuation, phones)

Waste Characterization Sampling

- The number of samples and the location of the samples to be taken will vary throughout the facility
- Sampling in the "Metal Forge" area will require personnel to enter into trenches to collect samples of metal slag and concrete chippings. The pits that require entry vary in depth with a maximum depth of 18'. These trenches will be entered as permit required confined spaces, see attached confined space permit
- A 28' extension ladder will be used to access the trenches in the "Metal Forge" area. Personnel traveling the ladder for access or egress to the trenches will be utilizing fall protection, and will be secured to a 5,000lb anchor point
- Samples that will be collected in the "Metal Forge" will require using a roto-hammer/drill. Concrete chippings and metal slag will be collected from each location and placed directly into laboratory supplied sampling containers
- Samples that will be collected throughout the rest of the facility will be collected from each location and placed directly into laboratory supplied sampling containers

SCOPE OF WORK

Transportation and Disposal

- Assure proper waste characterization (waste profiling), acceptance by the proposed receiving facility, and transportation documentation prior to off site management (for each waste stream).
- Assure transport vehicles loaded with waste are within the legal weight limit.

Decontamination – Personnel

- All personnel will proceed through decontamination (dry and wet methods may be used) and exit through an established Contamination Reduction Zone.
- An emergency eye wash & sanitation stations that will have soap and water will be available onsite.
- Containerize wash water and other materials generated during decontamination into DOT shippable containers.
- Characterize waste generated from personnel decontamination.
- Properly dispose of waste following State and Federal regulations.

Equipment Decontamination

- Decontaminate all equipment prior to leaving the site.
- Complete decontamination in controlled areas, ensure all waste generated is controlled and contained on site.
- Containerize wash water and other materials generated during decontamination into DOT shippable containers.
- Characterize waste generated from equipment decontamination.
- Properly dispose of waste following State and Federal regulations.

Demobilize Equipment

- De-Mobilize all personnel, equipment, materials and washing facilities from the site.
- Inspect site prior to conclusion of work to evaluate conditions and ensure client concurs with completion of the project.

CHEMICALS OF CONCERN

CHEMICAL / CAS	CHEMICAL PROPERTIES	EXPOSURE LIMITS	ROUTES OF ENTRY	SYMPTOMS
Barium Sulfate 7727-43-7	▪ Flash Point: NA ▪ Odor: Odorless ▪ LEL = NA ▪ UEL = NA ▪ Vapor Density: NA (Air =1)	PEL-TWA: 10 mg/m³ IDLH: N.D.	▪ Inhalation ▪ Ingestion ▪ Skin contact ▪ Absorption	Irritates eyes, nose, upper respiratory system; benign pneumoconiosis (baritosis).
Mercury 7439-97-6	▪ Flash Point: NA ▪ Odor: Odorless liquid ▪ LEL = NA ▪ UEL = NA ▪ Vapor Density: NA (Air =1)	PEL-TWA: 0.05 mg/m³ IDLH: 10 mg/m³	▪ Inhalation ▪ Ingestion ▪ Skin absorption ▪ Skin and/or eye contact	Irritates eyes, skin; cough, chest pain, dyspnea (breathing difficulty), bronchitis, pneumonitis; tremor, insomnia, irritability, indecision, headache, lassitude (weakness, exhaustion); stomatitis, salivation; gastrointestinal disturbance, anorexia, weight loss; proteinuria.
Selenium 7782-49-2	▪ Flash Point: NA ▪ Odor: Odorless solid ▪ LEL = NA ▪ UEL = NA ▪ Vapor Density: NA (Air =1)	PEL-TWA: 0.2 mg/m³ IDLH: 1 mg/m³	▪ Inhalation ▪ Ingestion ▪ Skin and/or eye contact	Irritates eyes, skin, nose, throat; visual disturbance; headache; chills, fever; dyspnea (breathing difficulty), bronchitis; metallic taste, garlic breath, gastrointestinal disturbance; dermatitis; eye, skin burns; In Animals: anemia; liver necrosis, cirrhosis; kidney, spleen damage
Silver 7440-22-4	▪ Flash Point: NA ▪ Odor: Odorless solid ▪ LEL = NA ▪ UEL = NA	PEL-TWA: 0.01 mg/m³ IDLH: 10 mg/m³	▪ Inhalation ▪ Ingestion ▪ Skin and/or eye contact	Blue-gray eyes, nasal septum, throat, skin; irritation, ulceration skin; gastrointestinal disturbance.

CHEMICAL / CAS	CHEMICAL PROPERTIES	EXPOSURE LIMITS	ROUTES OF ENTRY	SYMPTOMS
	▪ Vapor Density: NA (Air =1)			
Copper 7440-50-8	▪ Flash Point: NA ▪ Odor: Odorless solid ▪ LEL = NA ▪ UEL = NA ▪ Vapor Density: NA (Air =1)	PEL-TWA: 1 mg/m³ IDLH: 100 mg/m³	▪ Inhalation ▪ Ingestion ▪ Skin and/or eye contact	Irritates eyes, nose, pharynx; nasal septum perforation; metallic taste; dermatitis; In Animals: lung, liver, kidney damage; anemia.
Nickel 7440-02-0	▪ Flash Point: NA ▪ Odor: Odorless solid ▪ LEL = NA ▪ UEL = NA ▪ Vapor Density: NA (Air =1)	PEL-TWA: 0.015 mg/m³ IDLH: Ca 1 mg/m³	▪ Inhalation ▪ Ingestion ▪ Skin and/or eye contact	Sensitization dermatitis, allergic asthma, pneumonitis; [potential occupational carcinogen].
Zinc 1314-13-2	▪ Flash Point: NA ▪ Odor: Odorless solid ▪ LEL = NA ▪ UEL = NA ▪ Vapor Density: NA (Air =1)	PEL-TWA: 5 mg/m³ IDLH: 500 mg/m³	▪ Inhalation	Metal fume fever: chills, muscle ache, nausea, fever, dry throat, cough; lassitude (weakness, exhaustion); metallic taste; headache; blurred vision; low back pain; vomiting; malaise (vague feeling of discomfort); chest tightness; dyspnea (breathing difficulty), rales, decreased pulmonary function.
Arsenic 7440-38-2	▪ Flash Point: NA ▪ Odor: Odorless solid ▪ LEL = NA ▪ UEL = NA	PEL/TWA: 0.010 mg/m3 REL: C 0.002 mg/m3 IDLH: Ca (5 mg/m3)	▪ Inhalation ▪ Ingestion ▪ Skin contact ▪ Absorption	Ulceration of nasal septum, GI disturbances, respirator irritation, peripheral neuropathy, dermatitis, hyperpigmentation of skin.
Cadmium 7440-43-9	▪ Flash Point: NA ▪ Odor: Odorless solid ▪ LEL = NA ▪ UEL = NA	PEL/TWA: 0.005 mg/m3 REL: Ca	▪ Inhalation ▪ Ingestion	Pulmonary edema, breathing difficulty, cough, chest tightness, substernal pain,

CHEMICAL / CAS	CHEMICAL PROPERTIES	EXPOSURE LIMITS	ROUTES OF ENTRY	SYMPTOMS
		IDLH: Ca (9 mg/m3)		headache, chills, muscle aches, nausea, vomiting, diarrhea, loss of sense of smell, emphysema, proteinuria, mild anemia.
Chromium 7440-47-3	▪ Flash Point: NA ▪ Odor: Odorless solid ▪ LEL = NA ▪ UEL = NA	PEL/TWA: 0.5 mg/m3 REL: 0.5 mg/m3 IDLH: 250 mg/m3	▪ Inhalation ▪ Ingestion ▪ Skin contact	Irritation eyes, skin; lung fibrosis (histologic).
Lead 7439-92-1	▪ Flash Point: NA ▪ Odor: Odorless solid ▪ LEL = NA ▪ UEL = NA	PEL/TWA: 0.050 mg/m3 REL (8-hour): 0.050 mg/m3 IDLH: 100 mg/m3	▪ Inhalation ▪ Ingestion ▪ Skin contact	Lassitude (weakness, exhaustion), insomnia; facial pallor; anorexia, weight loss, malnutrition; constipation, abdominal pain, colic; anemia; gingival lead line; tremor; paralysis wrist, ankles; encephalopathy; kidney disease; irritation eyes; hypertension.
Poly Chlorinated Biphenyl 53469-21-9	▪ Flash Point: NA ▪ Odor: Mild hydrocarbon odor ▪ LEL = NA ▪ UEL = NA ▪	PEL: 1 mg/m3 (skin) TWA: 0.001 mg/m3 IDLH: Ca (5 mg/m3)	▪ Inhalation ▪ Ingestion ▪ Skin contact ▪ Absorption	Irritates eyes, chloracne, liver damage, reproductive effects.

PERSONNEL PROTECTIVE EQUIPMENT BY TASK

TASK	Level	MASK /CARTRIDGE /AIR	ADDITIONAL PPE
Establish support area / prepare	**D**	N/A	Hardhats, safety glasses, gloves, steel toe boots, high visible traffic vests.
Waste designation sampling	**C/D**	GME P-100 Cartridge	Hardhats, safety glasses, gloves, steel toe boots, high visible traffic vests, respirator if needed, and fall protection as needed.
Decontaminate equipment	**C/D**	GME P-100 Cartridge	Hardhats, polycoated tyvek suit, nitrile inner gloves, neoprene outer gloves, leather gloves as appropriate, PVC or boot covered steel toe boots.
Mobilize Equipment to area / establish management waste systems or locations	**D**	N/A	Hardhats, safety glasses, cotton coveralls or tyvek (as needed), hi-visibility safety vest, leather gloves (as needed), steel toe boots
Conduct daily safety meeting (before shift & after shift)	**D**	N/A	Hardhats, safety glasses, cotton coveralls or tyvek, hi-visibility safety vest, steel toe boots (each as appropriate)
Site Preparation / site security / site postings and notifications	**D**	N/A	Hardhats, safety glasses, cotton coveralls or tyvek (as needed), hi-visibility safety vest, leather gloves (as needed), steel toe boots
Inspect appropriate equipment each day / monitor perimeter	**D**	N/A	Hardhats, safety glasses, cotton coveralls or tyvek (as needed), hi-visibility safety vest, leather gloves (as needed), steel toe boots
Install erosion control measures	**D**	N/A	Hardhats, safety glasses, cotton coveralls or tyvek (as needed), hi-visibility safety vest, leather gloves (as needed), steel toe boots
Disposal and transportation	**C/D**	Full / Face P100/ OVA	Hardhats, polycoated tyvek suit, nitrile inner gloves, neoprene outer gloves, leather gloves as appropriate, PVC or boot covered steel toe boots
Site reclamation	**D**	N/A	Hardhats, safety glasses, white tyvek coveralls, hi-visibility safety vest, nitrile inner gloves, leather gloves (as needed), steel toe boots
De-mobilize	**D**	N/A	Hardhats, safety glasses, cotton coveralls or tyvek (as needed), hi-visibility safety vest, leather gloves (as needed), steel toe boots

SAFETY EQUIPMENT AND PROCEDURES

Initial Level of Protection	*Based off our evaluation of the work site, and the tasks that are to be completed, we have determined Level D PPE to be adequate.* *If nuisance dust becomes a factor during sampling, then Level C PPE will be donned.*
Training Requirements for Site Workers	*HAZWOPER 40, Current 8 Hour Refresher, First Aid /CPR, HAZWOPER Supervisor*
Decontamination Procedures	*Boots and hands will be decontaminated with soap and water as necessary.*

Health and Safety Equipment Checklist
☒ *Respirator with Cartridges*
☒ *Protective Clothing (coveralls, FRCs)*
☒ *Chemical Protective Gloves*
☒ *Decontamination equipment*
☒ *Steel-toed Boots*
☒ *Disposable Boot Covers*
☒ *Safety Glasses — use when appropriate*
☒ *Hard Hat*
☒ *Caution Tape, Traffic Cones, or Barriers*
☒ *Emergency Eye Wash Bottles*
☒ *Fall Protection Harness*
☒ *First Aid Kit: located in field Vehicle*
☒ *Fire Extinguisher — located in field vehicle (2 per truck)*
☒ *Drinking Water*
☒ *Rain Gear*
☒ *High Visibility Vest*

☒ *Cell Phone*
☒ *Radios*
☒ *Tychem Coveralls*

HAZARD EVALUATION

ITEM	HAZARD	PREVENTION

Ambient weather / PPE load	Heat stress
	
	Dehydration
		• Must follow WAC 296-62-095 regulation for heat illness prevention
		• Implement heat stress plan for personnel for any of the following temperature
		  ○ 52° - Nonbreathing clothes including vapor barrier clothing or PPE such as chemical resistant suits
		  ○ 77° - Double-layer woven clothes including coveralls, jackets and sweatshirts
		  ○ 89° - All other clothing
		• Provide shaded rest area for personnel
		• Shall provide one quart of water per employee per hour for drinking for the entire shift
		• Supervisor to track site temperature conditions to monitor for weather

Mobilization to site	Site Security Slips, Trips, Falls Traffic Overhead Hazards	• Clear & Mark off drop off area with barrier tape (if required) • Visual barriers will be in place during work hours, and when site is unattended. • Limit all walking and access to designated paths / destinations
Air monitoring	Inhalation Over exposure	• Ensure current calibration of equipment • Fresh air calibration • Monitor work zone area • Monitor work area perimeter
General work area	Slip / trip / fall	• Designated pathways • Maintain pathways cleared of debris • Enforce good construction housekeeping
General work area – lifting	Lifting	• Plan and stage to minimize long distance carrying • Split heavy loads into smaller loads • Use mechanical lifting aids (i.e. forklift or excavator bucket) where possible and can be done safely • Use assistant for heavy (>30 lbs.) or awkward load • Use proper lifting techniques with good footing

ITEM	HAZARD	PREVENTION
General work area – traffic	Struck by	• Set up visible barricades on access roads; • Wear high visibility safety vests (except in exclusion zone)
Traffic	Struck by	• Set up visible barricades • Wear high visibility safety vests • Only authorized personnel in work zones
Break time	Ingestion	• Thoroughly wash hands before eating, drinking, smoking
Delivery of site equipment & supplies	Back Strains, Hand Injuries	• Verify before lifting that all hoses are bundled and secured in roll. • Do not throw equipment from truck, • Lift any object over 30lbs with assistance. If in doubt of the weight ask for HELP first. • Lift properly with legs and maintain footing.
Loading, moving, and transportation activities (on-site)	Struck by Noise	• PPE on page 5 • Hearing protection • Back up alarms or rotating beacons • Keep unauthorized personnel out of operating areas • Train personnel on working safely around equipment • Wear Reflective Vests • Make eye to eye contact between operator/driver; • Signal or communicate movements • Equipment operator controls movement of personnel in and out of swing zone or equipment travel area • Stay clear of swing zone of equipment
Use of hand tools	Pinch points Strain-sprain Difficult- positions Cut-hazards	• Use proper holding and supporting techniques when turning wrenches, screw-drivers, and other torque-enhancing tools • Ensure proper direction and grip on plumbing fixtures prior to use of full body weight for counterbalance – use proper footing stance • Verify correct pipelines prior to disassembly
Confined space entry	Illness Death	• See attached confined space permit
Falling	Bodily injury Death	• Fall protection will be used while accessing and egressing the trenches. • A 50’ self will be secured to an anchor point of at least 5,000lbs. • Only authorized personnel will be allowed in fenced areas where fall hazards exist.

ITEM	HAZARD	PREVENTION
Excavation, loading, Compacting, and transportation activities	Struck by Noise Metals Falls	• PPE on page 5 • Personnel will remain 4' or more from excavation leading edge. • Hearing protection • Back up alarms or rotating beacons • Keep unauthorized personnel out of operating areas • Train personnel on working safely around equipment • Wear Reflective Vests • Make eye to eye contact between operator/driver; • signal or communicate movements • Equipment operator controls movement of personnel in and out of swing zone or equipment travel area • Stay clear of swing zone of equipment
Heavy Machinery	Equipment failure Slips, trips, falls Overhead hazards Not in use	• Conduct pre-operation inspection of all parts including connections. • Ensure grease and spare parts are available in case of failure • Inspect fire extinguishers on equipment • Never operate machinery outside of manufacturer's specifications • Never alter equipment • Board machinery use handrails & maintain three contact points at all times. • Ensure surfaces and boots are dry and free form debris • Power lines and other structures on site may interfere with operation of equipment. Where these hazards cannot be removed or controlled, the operator will only proceed with approval and direction from the Safety Officer. • When equipment is not in use, ensure parking brake is set & equipment is staged on level ground, not blocking entry /exit paths.
Dust Mitigation (if required)	Dust levels visible	• Water will be sprayed periodically over exposed work area
Debris Removal /Material Handling	Struck by Overhead Skin irritation	• Establish visual contact with operator prior to any movement of excavator bucket • Ground personnel to wear high visibility vest • Avoid skin contact with poison ivy /oak

ACCIDENT/EXPOSURE PROCEDURES

TYPE CONTACT	FIRST AID
Eyes	• Flush each eyes continuously for 15 minutes • Tilt head to side to ensure liquid runs onto floor not in the other eye • Refer to EMT for evaluation
Skin	• Remove contaminated clothing immediately • Wash skin continuously for 15 minutes • Refer to physician if redness, swelling, or pain persists after washing
Not Breathing	• Call 911 • Remove to fresh air immediately if respiratory distress develops; • Begin CPR until EMT arrives
Ingestion	• Aspiration hazard • Do not induce vomiting • Do not give anything by mouth
Emergency Contact Information	City of Seattle - • Fire/Ambulance: **(911)** • Police: **(911)** • **Hospital: Swedish Cherry Hill (206-320-2000)**
Accident Reporting	• Employees immediately report all accidents or incidents to the Site Project Manager / Safety Officer • Project Manager / Safety Officer will relay information to Contract Manager • Determination will be made regarding need for post-accident drug testing • **Notify Client immediately in the event of any incident**

EMERGENCY RESOURCES AND PROCEDURES

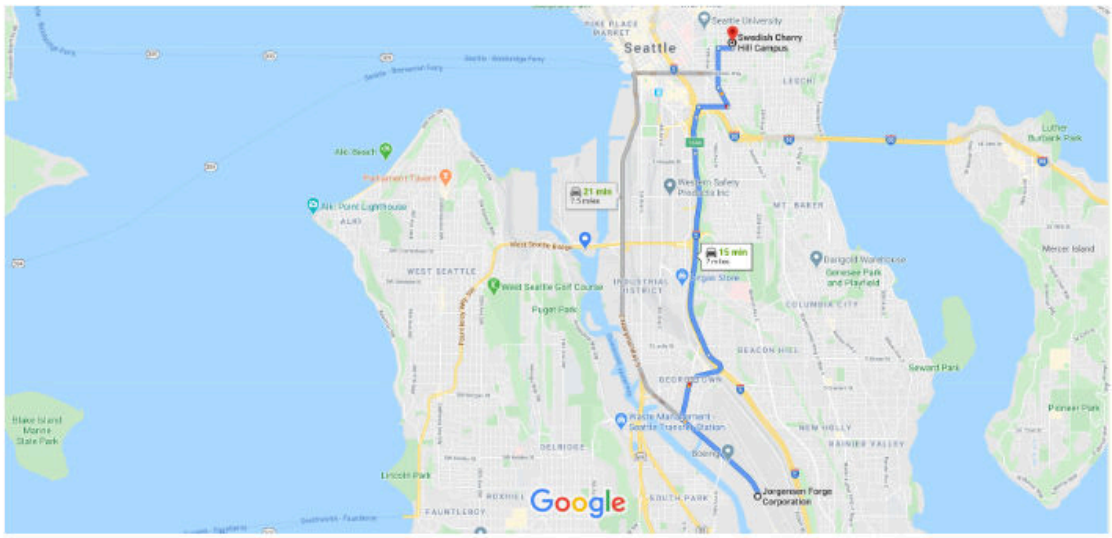
ELEMENT	LOCATION, SPECIFICATION OR REASON FOR USE
NEAREST HOSPITAL	**Hospital: Swedish Cherry Hill Campus** **500 17th Ave, Seattle, WA 98122 (See Figure 2 for directions)** **206-320-2000**
NEAREST PHONE	Supervisor cell phone
FIRST AID KIT	DH Environmental pickup truck
FIRE EXTINGUISHER	DH Environmental pickup truck
EYEWASH STATION AND EMERGENCY SHOWER	Locate facility emergency eyewash during H&S meeting
EVACUATION ROUTE / MEETING POINT	Determine after arrival at site Draw on site map Discuss with crew before start of project
SPILL CONTAINMENT	Work involving liquids shall be performed to the extent possible on sheet plastic and or secondary containment. In the event of a spill, absorbent shall be applied and the absorbed waste shall be immediately transferred to container.

SIGNATURE PAGE

I have read and understand the attached Site Health and Safety Plan and the DH Environmental, Inc. health and safety policies and agree to comply with the requirements described within.		
Date	**Print Name**	**Signature**

Figure 1: Map and Directions to Swedish Cherry Hill Campus

Google Maps **Jorgensen Forge Corporation to Swedish Cherry Hill Campus** Drive 7.0 miles, 15 min



Jorgensen Forge Corporation

8531 E Marginal Way S, Tukwila, WA 98108

Take E Marginal Way S and I-5 N to 14th Ave S in Seattle

13 min (6.2 mi)

1. Head northwest on E Marginal Way S

1.3 mi

2. Turn right onto Corson Ave S

0.5 mi

3. Turn right onto S Bailey St

335 ft

4. Use the left 2 lanes to turn left onto the Interstate 5 N ramp

0.6 mi

5. Merge onto I-5 N

2.5 mi

6. Use the 2nd from the right lane to take exit 164A for Dearborn St toward James St/Madison St

0.4 mi

7. Keep right, follow signs for Dearborn Street

0.1 mi

8. Turn right onto S Dearborn St

0.4 mi

9. Turn left onto Rainier Ave S

Pass by Raineer Oven Corp. (on the right in 0.2 mi)

0.3 mi

Continue on 14th Ave S. Drive to 17th Ave

3 min (0.7 mi)

10. Turn right before Rainier Center

0.5 mi

11. Turn right onto E Jefferson St

0.2 mi

12. Turn left at the 3rd cross street onto 17th Ave

308 ft

Swedish Cherry Hill Campus

500 17th Ave, Seattle, WA 98122

Site Health and Safety Plan

PROJECT INFORMATION

Site/Project Name	*Star Forge UST Sampling and Tank Decommission*
Location	*8531 E Marginal Way S, Seattle, WA 98108*
Plan Prepared by	*Brian Johnson*
Project Manager	*Scott St John*
Project Engineer	*David Hill*
Site Safety Officer	*Brian Johnson / Tony Bahnick*
Client Contact/Phone	*Wayne Turk / Matteo Sanesi*
Start Date	*04/21/2020*
End Date	*TBD*
Key Project Personnel/Phone	*Wayne Turk, Star Forge – (206-255-8177)* *Matteo Sanesi, Star Forge – (253-878-6415)* *Scott St John, DH Environmental – Project Manager (206-327-0026)* *Nathan Moxley, DH Environmental – Task Leader (509-332-9281)* *David Hill, DH Environmental - Principal Engineer (206-293-3126)* *Tony Bahnick, DH Environmental – Project Supervisor (206-445-4556)* *Brian Johnson, DH Environmental – Safety Officer (206-930-4043)* *Jacob Briere, DH Environmental – Project Lead (425-591-8223)*
Site Team/Crew Size	*5-10*
Will Client, Agency or Other Personnel be On Onsite?	☒ Yes ☐ No
Work Hours	*Work will be performed during daylight hours.*

<u>Responsibilities of the Site Safety Officer</u>

The Project Site Safety Officer (SSO), who will be on site daily, shall:

- *Implement this HASP and report any observed deviations from site conditions anticipated in the plan;*
- *Verify that on-site personnel and visitors are working in a manner consistent with applicable environmental and H&S regulations, site work plans and this project HASP, Advise the affected individual if a deviation is noted, and follow-up as appropriate;*
- *Verify that required personal protective, monitoring, and emergency equipment is used as required;*
- *Report observed accidents/incidents or inadequate work practices to the Contract Manager and Client;*
- *Report all accidents/incidents and findings regarding personnel exposure and work practices to the Contract Manager and Client;*
- *Conduct daily or pre-entry safety briefings*

FACILITY DESCRIPTION AND BACKGROUND

Type of Facility	*Star Forge – Former Large-scale metal fabrication plant*
Buildings/Structures	*The site is approximately 21.6 acres and has a mixture if industrial use buildings as well as office buildings.* *18 UST's/AST's of various sizes are located on site.*
Access	*Field Vehicles*
General Geologic and Hydraulic Setting	*Property located on east bank of the Duwamish Waterway. The depth to groundwater varies across the site but is approximately 10-feet below grade. Groundwater and soil are known to be, or have the potential to be, impacted with petroleum, metals, and PCBs.*
Site History	*The Jorgensen Forge Site is approximately 21.6 acres, located in an industrial area along the east bank of the Lower Duwamish Waterway. The site is bordered to the north by the Boeing Plant 2 property, and to the south by the Boeing Isaacson property. It is bordered to the west by the Lower Duwamish Waterway, and to the east by East Marginal Way South and the King County Regional Airport.* *The property was used from 1942-1965 for fabrication of structural steel, tractor and road equipment. Operations at the site included forging and heat-treating by Isaacson Iron Works, which operated as a U.S. naval vessel manufacturer.* *The property was owned and operated by Earle M. Jorgensen Company from 1965 until 1992, when it was purchased by the plant management group and became the Jorgensen Forge Corporation. Jorgensen manufactured specialized large-scale metal parts for the aircraft and marine industries, including open die steel forgings and rolled aluminum rings. They also processed nickel, titanium, and specialized alloys.*
Special Conditions/Comments	*Physical hazards such as vacant buildings, exposed pits, demolition debris, etc. are known to be present across the Site.*
Are Sources of Hazardous Substances Known to Have Been Stored/Spilled On Site?	☒ Yes ☐ No Comments:

PROJECT SCOPE OF WORK

SCOPE OF WORK

Mobilization / Site Preparation

- Mobilize all personnel, equipment, and materials as required to the site
- Inspect site prior to starting work to evaluate conditions
- Establish work perimeter via survey and staking of work area
- Establish work zones (exclusion, decontamination reduction, and support zones)
- Establish equipment, drum, and supplies management locations

Implement Monitoring and Control Measures

- Assure relevant and appropriate equipment (e.g. excavator, dump truck, air monitoring equipment, etc.) is on site and functioning prior to work activities.
- Test systems for operation and trouble shoot as necessary.

Conduct Daily Safety Meeting and Periodic Safety Evaluations

- Assure all personnel are briefed on the day's tasks, known hazards, and hazard mitigation strategies.
- Encourage reporting unforeseen / unanticipated physical, equipment, and / or chemical hazards – issue STOP WORK AUTHORITY when necessary and review with all personnel – update Daily Toolbox Safety Meeting sheet.

Site Orientation

- Prior to work assignment (layout, ingress; egress; emergency evacuation, phones)

Lockout

- DH Environmental and Facilities manager will ensure lock out / tagout /block /bleed of all energized systems that are part of the project scope of work

Tank Set-Up

- Calibrate 4-gas/PID monitor prior to the start of the project
- Conduct air monitoring with 4-gas/PID monitor

Tank Sampling

- Sample the contents of 18 UST's/AST's
- Prepare and deliver samples to an accredited lab for analysis
- Sample slag material that has been used as surface covering and fill around the UST's
- Create waste designation packages for the contents of the tanks using lab data

Tank Decommission and Disposal

SCOPE OF WORK

- Remove fuel from USTs with vacuum truck, personnel with vacuum lines will remain outside USTs
- Triple rinse UST, collect rinsate/sludge and transport for disposal
- Disconnect and cap all remaining piping connections to each UST
- Inert all USTs with compressed Carbon Dioxide or Nitrogen (conducted by Marine Chemist)
- Document tank atmosphere readings and inert conditions
- All collected waste will be disposed of offsite at a properly permitted disposal facility

Soil Excavation

- Remove slag that has been used as fill around the tanks
- Limited excavation of contaminated soil
- Field screening methods will be utilized to verify that impacted soil has been removed

Soil Transportation and Disposal

- Assure proper waste characterization (waste profiling), acceptance by the proposed receiving facility, and transportation documentation prior to off site management
- Load excavated soil into dump trucks
- Assure transport vehicles loaded with waste are within the legal weight limit
- Assure transport vehicles are equipped with the correct DOT paperwork for the waste material they are hauling

Decontamination and Demobilization

- Decontaminate all personnel and equipment
- Demobilize from facility
- Provide re-certification of inert tank status at a later date using Marine Chemist

CHEMICALS OF CONCERN

CHEMICAL / CAS	CHEMICAL PROPERTIES	EXPOSURE LIMITS	ROUTES OF ENTRY	SYMPTOMS
Diesel Fuel 68476-34-6	▪ Flash Point: >100.0 °F ▪ Odor: Oily liquid with a strong characteristic odor ▪ LEL = 0.4% ▪ UEL = 8% ▪ Vapor Density: 3 (Air =1)	PEL-TWA: 100 mg/m3 IDLH: N.D.	▪ Inhalation ▪ Ingestion ▪ Skin contact ▪ Absorption	Irritation of nose and throat, irritation of eyes and mucous membranes, skin irritation, unconsciousness, corneal damage, narcosis, decrease in motor functions, behavioral changes, edema, liver enlargement, jaundice, conjunctivitis, proteinuria, defatting of the skin, rash.
Bunker Fuel	▪ Flash Point: >141.8 °F ▪ Odor: Petroleum ▪ LEL = 0.9% ▪ UEL = 8% ▪ Vapor Density: >5 (Air =1)	▪ Clarified oils: PEL 5 mg/m3 ▪ Fuel Oil No. 6 PEL: 5 mg/m3 ▪ Fuel Oil PEL: 5 mg/m3 ▪ Naphthalene PEL: 50 mg/m3 IDLH: N.D.	▪ Inhalation ▪ Ingestion ▪ Skin contact ▪ Absorption	Irritation of nose and throat, irritation of eyes and mucous membranes, skin irritation, unconsciousness, corneal damage, narcosis, decrease in motor functions, behavioral changes, edema, liver enlargement, jaundice, conjunctivitis, proteinuria, defatting of the skin, rash.
Poly Chlorinated Biphenyl 53469-21-9	▪ Flash Point: NA ▪ Odor: Mild hydrocarbon odor ▪ LEL = NA ▪ UEL = NA	PEL: 1 mg/m3 (skin) TWA: 0.001 mg/m3 IDLH: Ca (5 mg/m3)	▪ Inhalation ▪ Ingestion ▪ Skin contact ▪ Absorption	Irritates eyes, chloracne, liver damage, reproductive effects.

CHEMICAL / CAS	CHEMICAL PROPERTIES	EXPOSURE LIMITS	ROUTES OF ENTRY	SYMPTOMS
Arsenic 7440-38-2	▪ Flash Point: NA ▪ Odor: Odorless solid ▪ LEL = NA ▪ UEL = NA	PEL/TWA: 0.010 mg/m3 REL: C 0.002 mg/m3 IDLH: Ca (5 mg/m3)	▪ Inhalation ▪ Ingestion ▪ Skin contact ▪ Absorption	Ulceration of nasal septum, GI disturbances, respirator irritation, peripheral neuropathy, dermatitis, hyperpigmentation of skin.
Cadmium 7440-43-9	▪ Flash Point: NA ▪ Odor: Odorless solid ▪ LEL = NA ▪ UEL = NA	PEL/TWA: 0.005 mg/m3 REL: Ca IDLH: Ca (9 mg/m3)	▪ Inhalation ▪ Ingestion	Pulmonary edema, breathing difficulty, cough, chest tightness, substernal pain, headache, chills, muscle aches, nausea, vomiting, diarrhea, loss of sense of smell, emphysema, proteinuria, mild anemia.
Chromium 7440-47-3	▪ Flash Point: NA ▪ Odor: Odorless solid ▪ LEL = NA ▪ UEL = NA	PEL/TWA: 0.5 mg/m3 REL: 0.5 mg/m3 IDLH: 250 mg/m3	▪ Inhalation ▪ Ingestion ▪ Skin contact	Irritation eyes, skin; lung fibrosis (histologic).
Lead 7439-92-1	▪ Flash Point: NA ▪ Odor: Odorless solid ▪ LEL = NA ▪ UEL = NA	PEL/TWA: 0.050 mg/m3 REL (8-hour): 0.050 mg/m3 IDLH: 100 mg/m3	▪ Inhalation ▪ Ingestion ▪ Skin contact	Lassitude (weakness, exhaustion), insomnia; facial pallor; anorexia, weight loss, malnutrition; constipation, abdominal pain, colic; anemia; gingival lead line; tremor; paralysis wrist, ankles; encephalopathy; kidney disease; irritation eyes; hypertension.

PERSONNEL PROTECTIVE EQUIPMENT BY TASK

TASK	Level	MASK /CARTRIDGE /AIR	ADDITIONAL PPE
Establish support area / prepare	**D**	N/A	Hardhats, safety glasses, Nomex coveralls, leather gloves, steel toe boots, high visible traffic vests.
Sample contents of tanks	**D**	N/A	Hardhats, safety glasses, Nomex coveralls, leather gloves, steel toe boots, high visible traffic vests.
Establish support area / prepare	**D**	N/A	Hardhats, safety glasses, Nomex coveralls, leather gloves, steel toe boots, high visible traffic vests.
Purge fuel from dispensers and lines into USTs	**C**	GME P-100 Cartridge	Hardhat, FR Coveralls, Nitrile inner and outer gloves, steel toe boots or boot covers.
Drain Tank with vacuum truck (No CSE)	**C/D**	GME P-100 Cartridge	Hardhat, FR Coveralls, Nitrile inner and outer gloves, steel toe boots or boot covers.
Operator – Vac truck	**D**	N/A	Hardhats, safety glasses, hearing protection, coveralls, canvas/leather outer gloves, leather steel toe boots, high visible traffic vests
Pressure Wash Tank Interior	**C**	GME P-100 Cartridge	Hardhat, FR Coveralls, Nitrile inner and outer gloves, steel toe neoprene boots or boot covers, full three point harness with rescue line
Slag excavation	**C/D**	GME P-100 Cartridge	Hardhats, safety glasses, cotton coveralls or tyvek (as needed), hi-visibility safety vest, gloves (as needed), steel toe boots.
Triple rinse USTs from outside space, cap remaining lines and inert tanks.	**C**	GME P-100 Cartridge	Hardhat, FR Coveralls, Nitrile inner and outer gloves, steel toe neoprene boots or boot covers.
Remove and dispose of tanks	**D**	N/A	Hardhats, safety glasses, cotton coveralls or tyvek (as needed), hi-visibility safety vest, gloves (as needed), steel toe boots.
Soil excavation	**C/D**	GME P-100 Cartridge	Hardhats, safety glasses, cotton coveralls or tyvek (as needed), hi-visibility safety vest, gloves (as needed), steel toe boots.
Soil transport and disposal	**D**	N/A	Hardhats, safety glasses, cotton coveralls or tyvek (as needed), hi-visibility safety vest, gloves (as needed), steel toe boots.
Confirmation sampling	**D**	N/A	Hardhats, safety glasses, cotton coveralls or tyvek (as needed), hi-visibility safety vest, gloves (as needed), steel toe boots.

Decontaminate equipment	**D**	N/A	Hardhats, full-face shields, safety goggles, Polycoated coveralls, neoprene outer gloves, nitrile steel toe boots, high visible traffic vests

SAFETY EQUIPMENT AND PROCEDURES

Initial Level of Protection	*During this initial survey, air monitoring will be conducted to establish the immediate threat to human health and safety and to determine the appropriate level of PPE for the remainder of the work. After the initial entry and evaluation, the exclusion zone will be modified as necessary.*
Training Requirements for Site Workers	*HAZWOPER 40, Current 8 Hour Refresher, First Aid /CPR, HAZWOPER Supervisor*
Decontamination Procedures	*Boots and hands will be decontaminated with soap and water as necessary.* *Chemical suits will be disposed of as necessary.*

Health and Safety Equipment Checklist
☒ *Respirator with Cartridges*
☒ *Protective Clothing (coveralls, FRCs)*
☒ *Chemical Protective Gloves*
☒ *Decontamination equipment*
☒ *Steel-toed Boots*
☒ *Disposable Boot Covers*
☒ *Safety Glasses — use when appropriate*
☒ *Hard Hat*
☒ *Caution Tape, Traffic Cones, or Barriers*
☒ *Emergency Eye Wash Bottles*
☐ *Fall Protection Harness*
☒ *First Aid Kit: located in field Vehicle*
☒ *Fire Extinguisher — located in field vehicle (2 per truck)*
☒ *Drinking Water*
☒ *Rain Gear*

☒ *High Visibility Vest*
☒ *Cell Phone*
☐ *Radios*
☒ *Round Pointed Shovels*
☒ *Tychem Coveralls*

HAZARD EVALUATION

ITEM	HAZARD	PREVENTION

Ambient weather / PPE load	Heat stress
	
	Dehydration
		• Must follow WAC 296-62-095 regulation for heat illness prevention
		• Implement heat stress plan for personnel for any of the following temperature
		  ○ 52° - Nonbreathing clothes including vapor barrier clothing or PPE such as chemical resistant suits
		  ○ 77° - Double-layer woven clothes including coveralls, jackets and sweatshirts
		  ○ 89° - All other clothing
		• Provide shaded rest area for personnel
		• Shall provide one quart of water per employee per hour for drinking for the entire shift
		• Supervisor to track site temperature conditions to monitor for weather

Air monitoring	Inhalation Over exposure	• Ensure current calibration of equipment • Fresh air calibration • Monitor work zone area • Monitor work area perimeter
General work area	Slip / trip / fall	• Designated pathways • Maintain pathways cleared of debris • Enforce good construction housekeeping
General work area – lifting	Lifting	• Plan and stage to minimize long distance carrying • Split heavy loads into smaller loads • Use mechanical lifting aids (i.e. forklift or excavator bucket) where possible and can be done safely • Use assistant for heavy (>30 lbs.) or awkward load • Use proper lifting techniques with good footing
General work area – traffic	Struck by	• Set up visible barricades on access roads; • Wear high visibility safety vests (except in exclusion zone)
Traffic	Struck by	• Set up visible barricades • Wear high visibility safety vests • Only authorized personnel in work zones
Break time	Ingestion	• Thoroughly wash hands before eating, drinking, smoking
Mobilization to site	Site Security Slips, Trips, Falls Traffic	• Clear & Mark off drop off area with barrier tape (if required) • Visual barriers will be in place during work hours, and when site is unattended. • Limit all walking and access to designated paths / destinations

ITEM	HAZARD	PREVENTION
	Overhead Hazards	
Delivery of site equipment & supplies	Back Strains, Hand Injuries	• Verify before lifting that all hoses are bundled and secured in roll. • Do not throw equipment from truck, • Lift any object over 30lbs with assistance. If in doubt of the weight ask for HELP first. • Lift properly with legs and maintain footing.
Excavation, loading, compacting, and transportation activities	Struck by Noise Metals Falls	• PPE on page 5 • Personnel will remain 4' or more from excavation leading edge. • Hearing protection • Back up alarms or rotating beacons • Keep unauthorized personnel out of operating areas • Train personnel on working safely around equipment • Wear Reflective Vests • Make eye to eye contact between operator/driver; • signal or communicate movements • Equipment operator controls movement of personnel in and out of swing zone or equipment travel area • Stay clear of swing zone of equipment
Loading, moving, and transportation activities (on-site)	Struck by Noise	• PPE on page 5 • Hearing protection • Back up alarms or rotating beacons • Keep unauthorized personnel out of operating areas • Train personnel on working safely around equipment • Wear Reflective Vests • Make eye to eye contact between operator/driver; • Signal or communicate movements • Equipment operator controls movement of personnel in and out of swing zone or equipment travel area • Stay clear of swing zone of equipment
Use of hand tools	Pinch points Strain-sprain Difficult- positions Cut-hazards	• Use proper holding and supporting techniques when turning wrenches, screw-drivers, and other torque-enhancing tools • Ensure proper direction and grip on plumbing fixtures prior to use of full body weight for counterbalance – use proper footing stance • Verify correct pipelines prior to disassembly
Debris removal /material handling	Struck by Overhead Skin irritation	• Establish visual contact with operator prior to any movement of excavator bucket • Ground personnel to wear high visibility vest • Avoid skin contact with poison ivy /oak

ITEM	HAZARD	PREVENTION
COVID-19	Illness Death	• See attached COVID-19 Response Plan

ACCIDENT/EXPOSURE PROCEDURES

TYPE CONTACT	FIRST AID
Eyes	• Flush each eyes continuously for 15 minutes • Tilt head to side to ensure liquid runs onto floor not other eye • Refer to EMT for evaluation
Skin	• Remove contaminated clothing immediately • Wash skin continuously for 15 minutes • Refer to physician if redness, swelling, or pain persists after washing
Not Breathing	• Call 911 • Remove to fresh air immediately if respiratory distress develops; • Begin CPR until EMT arrives
Ingestion	• Aspiration hazard • Do not induce vomiting • Do not give anything by mouth
Emergency Contact Information	City of Seattle - • Fire/Ambulance: **(911)** • Police: **(911)** • **Hospital: Swedish Cherry Hill (206-320-2000)**
Accident Reporting	• Employees immediately report all accidents or incidents to the Site Project Manager / Safety Officer • Project Manager / Safety Officer will relay information to Contract Manager • Determination will be made regarding need for post-accident drug testing • **Notify Client immediately in the event of any incident**

EMERGENCY RESOURCES AND PROCEDURES

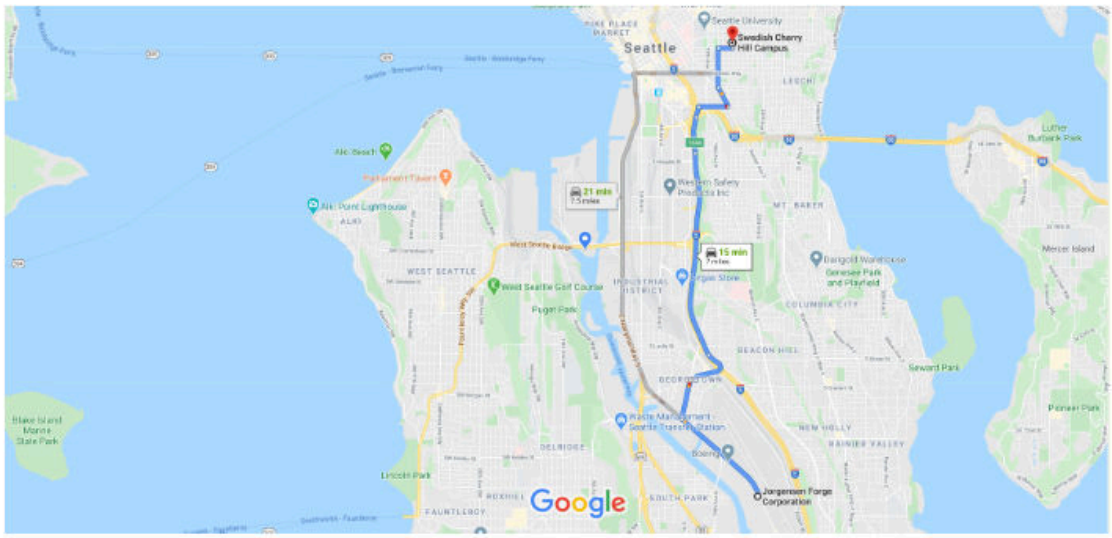
ELEMENT	LOCATION, SPECIFICATION OR REASON FOR USE
NEAREST HOSPITAL	**Hospital: Swedish Cherry Hill Campus** **500 17th Ave, Seattle, WA 98122 (See Figure 2 for directions)** **206-320-2000**
NEAREST PHONE	Supervisor cell phone
FIRST AID KIT	DH Environmental pickup truck
FIRE EXTINGUISHER	DH Environmental pickup truck
EYEWASH STATION AND EMERGENCY SHOWER	Locate facility emergency eyewash during H&S meeting
EVACUATION ROUTE / MEETING POINT	Determine after arrival at site Draw on site map Discuss with crew before start of project
SPILL CONTAINMENT	Work involving liquids shall be performed to the extent possible on sheet plastic and or secondary containment. In the event of a spill, absorbent shall be applied and the absorbed waste shall be immediately transferred to container.

SIGNATURE PAGE

I have read and understand the attached Site Health and Safety Plan and the DH Environmental, Inc. health and safety policies and agree to comply with the requirements described within.		
Date	**Print Name**	**Signature**

Figure 1: Map and Directions to Swedish Cherry Hill Campus

Google Maps **Jorgensen Forge Corporation to Swedish Cherry Hill Campus** Drive 7.0 miles, 15 min



Jorgensen Forge Corporation

8531 E Marginal Way S, Tukwila, WA 98108

Take E Marginal Way S and I-5 N to 14th Ave S in Seattle

13 min (6.2 mi)

1. Head northwest on E Marginal Way S

1.3 mi

2. Turn right onto Corson Ave S

0.5 mi

3. Turn right onto S Bailey St

335 ft

4. Use the left 2 lanes to turn left onto the Interstate 5 N ramp

0.6 mi

5. Merge onto I-5 N

2.5 mi

6. Use the 2nd from the right lane to take exit 164A for Dearborn St toward James St/Madison St

0.4 mi

7. Keep right, follow signs for Dearborn Street

0.1 mi

8. Turn right onto S Dearborn St

0.4 mi

9. Turn left onto Rainier Ave S

Pass by Raineer Oven Corp. (on the right in 0.2 mi)

0.3 mi

Continue on 14th Ave S. Drive to 17th Ave

3 min (0.7 mi)

10. Turn right before Rainier Center

0.5 mi

11. Turn right onto E Jefferson St

0.2 mi

12. Turn left at the 3rd cross street onto 17th Ave

308 ft

Swedish Cherry Hill Campus

500 17th Ave, Seattle, WA 98122

COVID-19 Response Plan

Project Name: Star Forge

Project Address: 8531 E Marginal Way S, Seattle, WA 98108

Date Produced: 04/17/2020

Revision Date: 6/10/2020



Purpose and Scope

This COVID-19 Response Plan sets forth the requirements and expectations that DH Environmental, Trade Partners, and vendors shall comply with during the COVID-19 pandemic. This plan is designed to meet the guidance requirements of The Centers for Disease Control (CDC) and other applicable regulatory requirements. You should check back frequently with the CDC and other local regulatory agencies for requirements and updates.

This plan shall be distributed to all Trade Partners and others working on site. All contractors working on site shall be required to incorporate CDC recommendations to prevent COVID-19 transmission into all activity hazard analysis (AHA's) and pre-task safety planning for all aspects of work. Additionally, COVID- 19 symptoms, precautionary hygiene, and employee expectations will be covered in the Site-Specific Safety Orientation.

How COVID-19 Spreads

Although the first human cases of COVID-19 likely resulted from exposure to infected animals, infected people can spread SARS-CoV-2 to other people.

The virus is thought to spread mainly from person-to-person, including:

- Between people who are in close contact with one another (within about 6 feet).
- Through respiratory droplets produced when an infected person coughs or sneezes. These droplets can land in the mouths or noses of people who are nearby or possibly be inhaled into the lungs.

It may be possible that a person can get COVID-19 by touching a surface or object that has SARS-CoV-2 on it and then touching their own mouth, nose, or possibly their eyes, but this is not thought to be the primary way the virus spreads.

People are thought to be most contagious when they are most symptomatic (i.e., experiencing fever, cough, and/or shortness of breath). Some spread might be possible before people show symptoms; there have been reports of this type of asymptomatic transmission with this new coronavirus, but this is also not thought to be the main way the virus spreads.

Although the United States has implemented public health measures to limit the spread of the virus, it is likely that some person-to-person transmission will continue to occur.

Recommended Strategies for Prevention

The following is a summary of the CDC's recommendations and DH Environmental' s guidelines for our projects to prevent the spread of COVID-19:

1) Actively Encourage Sick Employees to Stay Home

Frequently communicate with your employees to stay home if they are feeling ill. They should seek medical care early and stay away from others. You must notify the DH Environmental Project Manager immediately if you send home any employee due to illness, or any employee calls in sick and does not come to work.

2) Employee Exhibits Symptoms / Tests Positive

Exhibits Symptoms: If an employee has a high fever and is experiencing shortness of breath but has not taken a test or has not received the results from a test, we should presume a positive for COVID – 19 until we know otherwise. The employee cannot report to work until:

- The employee receives a negative test or
- The employee is symptom free, and:
  - Fever free for 72 hours without the use of medication, and
  - At least 7 days have passed since the employee's symptoms first appeared

Always follow the guidance of your health care provider and state and local health department.

You must notify the DH Environmental Project Manager immediately if you send home any employee, or they call in sick from work, because they are experiencing COVID – 19 symptoms. You must also keep your DH Environmental Project Manager updated on the condition of any such employee and notify the Project Manager prior to such employee returning to work. Cleaning procedures outlined in the Sanitation and Cleanliness procedure of this document must immediately be followed.

Positive Test: If any jobsite personnel (employee, trade partner employee, etc.) has tested positive for COVID – 19 or has been in close contact with someone who has tested positive for COVID – 19 or has a family member that lives with them that has tested positive for COVID -19 must self-quarantine for at least 14 days.

If it is determined that an infected employee spent prolonged time on the project or in the office, a third-party cleaning company specializing in biohazard cleanup shall perform appropriate deep cleaning of the applicable area and tools or equipment. However, in the event those options are not available standard cleaning crews are acceptable provided they utilize proper PPE, cleaning products as recommended by the CDC, and shut down the project for 72 hours. The areas impacted must be closed and secured until cleaned and as recommended by the cleaning company.

3) Travel and Access to Our Sites

Employees at your company who have been to a Level 3 country listed on the CDC Alert List within the past 14 days will not be permitted to return to the project site for at least 14 days after returning from a Level 3 country, and only after they have been symptom free for at least 14 days from the date they returned to the United States. If an employee at your company had close contact with an individual that has traveled to a Level 3 country within the past 14 days, these individuals will not be permitted to return to the project site until they have been symptom free for at least 14 days from the date they came in contact with the traveler that returned from the Level 3 country.

If an employee had close contact with an individual who has a confirmed positive test result for COVID-19, they are not allowed at the project site until they have been symptom free for 14 days from the date of contact.

4) Social Distancing

All employees on site shall be trained on the following social distancing techniques. Social distancing requirements include the following:

- Limit physical contact with others. Do not shake hands, hug, fist-bump, or high five.
- Direct employees to increase personal space to at least 6 feet where possible. This includes tailgate meetings, lunch areas, project meetings, common areas including personnel hoists and elevators.
- Attendance at safety meetings shall be communicated verbally and the foreman will sign in each attendee. Contractors should not pass around a sign-in sheet or mobile device to confirm attendance.
- Keep group sizes under ten people and maintain proper social distancing of six feet or more.
- When possible, conduct meetings by teleconference.
- Employees shall be instructed to take breaks and lunch in shifts to reduce the size of the group in the break/lunch area at any one time to less than 10 people.
- If an employee can perform their job duties while working remotely, they should do so and not come to the project or any of the project offices. This applies primarily to DH Environmental and Trade Partner supervisory staff.
- Efforts should be made to designate crews to remain together to minimize intermixing of crew members.

If there is a task that must be completed and there are no alternative measures to perform the work while maintaining social distance, a risk assessment and control plan will be prepared by the Trade Partner performing the work. Workers must be trained on this risk assessment and control plan. This plan must be attached to the SSHP and posted in the area. All PPE and controls must be provided by the employer.

5) Risk Levels

The following guidance has been provided by the Washington State Department of Labor and Industries.

www.Lni.wa.gov/agency/outreach/novel-coronavirus-outbreak-covid-19-resources

Negligible Risk

Cloth face covering may be required in some circumstances when the risk for transmission is “negligible” (very low).

For example, you do not need to wear a face covering if you work or drive alone. However, a cloth face covering is required if you work outdoors or in a building while around, but separate, from several other people, and only need to pass within six feet of them once or a twice a day.

Examples of negligible-risk jobs:

- Telecommuters who are the sole occupant in an office with a door.
- Small landscaping crews of three or four workers who drive alone and work outdoors apart from each other all day.
- A crane operator isolated in an enclosed cab.
- Delivery drivers who have no face-to-face interaction with others when they pick up or drop off packages.

Low Risk

A reusable cloth face covering is required when risk from transmission is low.

Risk for transmission is low when you work around or travel with others and you stay at least six feet apart, except for briefly passing by others up to several times a day.

Risk is also considered low when one or two workers provide personal services to health clients who also wear a cloth face covering.

Examples of low-risk workplaces and jobs with low-risk activities:

- Light manufacturing facilities that are set up to keep workers separated while they operate machinery and perform other tasks.
- Custodial staff who work after hours and do not clean up after known COVID-19 cases.
- One or two healthy workers in a room providing haircuts or other personal services to clients who also wear a face covering.
- Waiters at restaurants and cafes with curbside pick-up services only.
- Mechanics working on vehicles at repair shops.

Medium Risk

Disposable masks are required when risk for transmission is medium. Examples of disposable masks include dust mask used for hobbies, but not approved by the National Institute for Occupational Safety and Health (NIOSH); surgical-style masks not approved by the FDA; and masks such as KN90s or KN95s approved in other countries. Risk for transmission is considered medium when you stay at least six feet away from others except for several times throughout the day when the six-foot distance is broken for several minutes and prevention measures such as physical barriers aren't feasible. Risk is also considered medium when three to six people work in a room providing personal services to healthy clients who wear a cloth face covering.

Examples of medium-risk jobs and medium-risk activities:

- Commercial fishing crews.
- Field workers being transported to a nearby planting site.
- Grocery-store-produce stockers who work during store hours around customers.
- Manicurists working with clients wearing cloth face coverings.
- Kitchen workers in restaurants.
- Ride-service drivers who only pick up masked passengers.
- Transit operators.

High Risk

Respirators are required when risk for transmission is high. Respirators for high-risk activities must be approved by NIOSH (or by an equivalent approval body from outside the United States). Examples include elastomeric (rubber-like) half-or full-facepiece respirators with cartridges, tight or loose-fitting powered-air purifying respirators (PAPRs) with particulate cartridges, and filtering facepiece N-, R-, or P-95s to P100s (when supplies allow).

Risk for transmission is considered high when you work or travel within three feet of others for more than 10 minutes an hour, many times a day and other prevention measures aren't feasible.

Risk is also considered high when you:

- Clean and sanitize areas recently occupied by a person with known COVID-19 illness.
- Provide services in residences of clients with known COVID-19 illness.
- Perform procedures that aerosolize saliva, mucous, or secretions from eyes; or that cause increased or forced breathing, coughs, sneezes, or yawning.

6) Face Coverings

All employees on the site should cover their mouth and nose with a cloth face cover when around others. If someone has trouble breathing or has a medical reason why they can't wear a face covering, they should

notify their supervisor. The CDC has issued guidance on facial coverings:

- Continue to keep about 6 feet between yourself and others. The cloth face cover is not a substitute for social distancing.
- Avoid touching your face and face cloth at all times.
- A clean facial covering should be worn each day and be able to be laundered and machine dried without damage or change to shape.
- Wash your hands before putting your covering on and immediately after taking it off. Individuals should be careful not to touch their eyes, nose, and mouth when removing their face covering.
- Cloth face coverings should fit snugly but comfortably against the side of the face and allow for breathing without restriction.

Protection such as N95 respirators should only be worn if the task requires their use and if the employer is following applicable OSHA regulations and has a written program.

Examples of high-risk activities:

- Working with multiple people in a small room, confined space, vehicle or other small space where saliva particles can accumulate in the air.
- Using an ultrasonic scaler or air and water syringe on clients in a dentist office.
- Administering medication via nebulizers.
- Performing spirometry or coaching clients on deep or forced breathing exercises.
- Providing in-home maintenance or pet euthanasia services to a masked client with known or potential COVID-19 illness.

Examples of high-risk jobs:

- Custodial staff who clean up after known COVID-19 cases.
- Dentists and dental hygienists.
- Mortuary services.
- Veterinarians who provide in-home pet euthanasia.

Currently DH Environmental falls under the “Negligible and Low Risk” categories when performing our routine job functions. If a project or a portion of project falls in the “Medium or High risk category than the DH Environmental Health and Safety Manager should be notified before work in those categories take place.

7) Sanitization and Cleanliness

- Conduct daily cleaning measures of all frequently touched surfaces (for example: tables, doorknobs, light switches, tools, gang boxes, desks, toilets / out houses, faucets, sinks) with household cleaners or disinfectants that are appropriate for the surface. Labels contain instructions for safe and effective use of the cleaning product including precautions you must take. Verify you have the Safety Data Sheets for these chemicals and that employees are trained in their use.
- Practice best practices for respiratory etiquette including cover your mouth and nose with a tissue when you cough or sneeze or use the inside of your elbow. Used tissues should be immediately discarded in the garbage can.

- Promote frequent and thorough hand washing with soap and water for at least 20 seconds. All workers should wash their hands often, especially before eating, smoking, drinking, or after blowing your nose, coughing or sneezing. Workers should refrain from touching their face. If soap and water is not available, alcohol-based hand sanitizers that contains at least 60% alcohol shall be utilized.
- DH Environmental will provide handwashing stations around the jobsite and at each portable toilet location.

8) Communications

If an employee tests positive for COVID-19, the employer should interview the infected or presumptively infected employee to determine the tools that they were using, where they were working on the job site and the people with which they have been in close and prolonged contact within the past 5 days. You should speak with each person on that list and if they agree that they have been in close and prolonged contact with the infected or presumptively infected employee, they should be sent home and self-quarantine for 14 days, or until a confirmed negative test result is reported.

Employers should inform fellow employees of their possible exposure to COVID-19 in the workplace but maintain personally identifiable information confidential. Additional considerations for communication include the following:

- Method of transmission is unknown
- Detail what we are doing to ensure the health of employees
- Deep cleaning of affected areas
- Daily cleaning of common areas
- Remind employees to self-monitor for any illness and report all symptoms to their supervisor immediately

9) Work Stoppage

In the event of a stop work or shut down directed in writing from the Owner, Owner's Representative, or other Government agency, DH Environmental will communicate this information to our trade partners, venders, design partners, staff and craft. A communication plan will be put into place to relay information related to the project to each respected representative. Prior to closing the project our priority will be to safe off the project with the following measures:

- Cover, enclose or otherwise protect the work in place that is reasonably completed within the 48-hour period from damage and environmental conditions.
- Include any signage that is helpful to secure the site such as "NO ACCESS – RESTRICTED AREA".
- Secure access to the project and any high-risk areas such as tower cranes.
- After the 48-hour period, all personnel should be off the site, except for any necessary security personnel that are part of the make-safe plan.
- Areas with active abatement activities will require direction from the owner and DH Environmental. Additional considerations and protection must be taken for any hazardous materials that may be impacted by weather.
- Secure and protect all equipment and stored materials.

10) Additional information and Resources:

- https://www.cdc.gov
- https://www.osha.gov/
- www.Lni.wa.gov/agency/outreach/novel-coronavirus-outbreak-covid-19-resources

associated with Ecology UST identification number 6163 and were grouped into a North Tank Vault (UST-26 through -35) and a South Tank Vault (UST-15 through -22), as shown in Figures 2 through 4.

To be consistent with previous naming conventions, the names of all tanks referenced in this report follow the naming convention presented by Shannon & Wilson in 2019 (Shannon & Wilson, 2019). A copy of Shannon and Wilson's 2019 figure and naming convention is provided for reference in Appendix A.

The USTs in each tank-bed were buried below grade but within concrete vault structures that extended above grade. Both tank nests were constructed within the basement of former buildings. Once the former buildings were demolished, the voids around the tanks were filled with sand and slag that was available from forging operations on-site. The North Tank Vault included a concrete base that was approximately 5-feet below the surrounding grade. The concrete walls of the South Tank Vault extended slightly deeper and did not contain a concrete bottom.

DH Environmental collected samples from the tank contents and surrounding fill-slag for waste designation purposes in 2020. The contents of the USTs and surrounding fill material was designated as non-hazardous waste (DH Environmental, 2020; DH Environmental, 2020b; DH Environmental 2020c).

1.3 LOCAL GEOLOGY AND HYDROGEOLOGY

The Property is located within the Duwamish/Cedar River valley, part of the Puget Lowland, a regional low-lying trough between the Cascade Range to the east and the Olympic Mountains to the west. The Puget Lowland has largely been filled with sediment deposits left behind by glaciers that advanced and retreated multiple times through the Puget Lowland within the last 2 million years. Sediment within the Duwamish Valley primarily consists of sand and silt which has washed down from Mt. Rainier. This material is often interbedded with layers of silt, clay, and organic soils from localized deposits associated with lakes and ponds that formed along the river valley, or mudflats that formed along Puget Sound. Fill materials were also placed throughout the River Valley since the early 20th century, including in portions of the Property when the Duwamish Waterway was straightened, dredged, and historical channels and embayments were filled.

Shallow subsurface soils at the Property generally consist of a mixture of sand, silty sand, and gravel, to depths up to 24 feet below grade. Fill materials tend to be thickest at the western end of the property along the LDW (Shannon & Wilson, 2022). Soils below the North Tank Vault primarily consisted of brown to gray, fine to medium sand with trace gravel. Shallow soils at the South Tank Vault were similar, while soils below the base of the excavation contained higher amounts of silt and organics, and appeared to be native soils.

Groundwater in the vicinity of the tank vaults, as measured in nearby monitoring wells MW-11, MW-14, and MW-15, has ranged from approximately 10.5- to 12-feet below grade (Shannon & Wilson, 2022). Groundwater flow at the Property generally moves west, but varies depending on the season and proximity to the LDW (Shannon & Wilson, 2022). Groundwater was not encountered during the UST decommissioning activities.

Section 2: UNDERGROUND STORAGE TANK DECOMMISSIONING

This section describes the UST decommissioning activities for the 18 USTs on the Property. The tanks and piping inside the concrete vaults were decommissioned and removed between August 9 and August 17, 2023. The piping outside of the North Tank Vault was removed on August 21 and October 11, 2023. The piping outside of the South Tank Vault was removed on October 11 and 12, 2023.

UST decommissioning activities were overseen by Mr. Brad Reilly with ECI Environmental Services (ECI), under subcontract to the demolition contractor for the project, Construction Group International, of Woodinville, Washington (CGI). Mr. Reilly is certified by the International Code Council for UST Decommissioning. A DH Environmental licensed hydrogeologist was also on site to observe the decommissioning and to perform site assessment activities.

2.1 PRELIMINARY ACTIVITIES

2.1.1 Ecology 30-day Notice

Prior to decommissioning the USTs, Star Forge submitted a 30-Day Notice of Intent to Decommission USTs form to Ecology, as required by WAC 173-360A-0810. A copy of the 30-Day Notice is included in Appendix B.

2.1.2 City of Tukwila Fire Department Permit

The City of Tukwila requires a permit for the permanent closure of USTs. Prior to decommissioning the USTs, Star Forge obtained a Fire Permit for Tank Removal from the City of Tukwila. A copy of Fire Permit F23-0135 is included in Appendix C.

2.1.3 Underground Storage Tank Cleaning

Prior to removal of the USTs, the tanks were cleaned and triple-rinsed by Marine Vacuum Services of Seattle, Washington (MarVac). Rinse certificates are provided in Appendix D.

2.2 UNDERGROUND STORAGE TANK REMOVAL

CGI removed the USTs in both tank vaults between August 9 and August 18, 2023. Once the tanks had been cleaned, the above-ground concrete vault structure and fill materials overlying the tanks were removed. Three USTs in the North Tank Vault, UST-26, -28, and -31, were previously filled with sand. The top of these three tanks were cut open and the sand was removed with an excavator. Residual sand was removed by tilting the tanks on end and dumping the loose sand out. Once the sand had been removed, the empty tanks were removed in the

same manner as the others, by lifting the tanks out of the ground using an excavator. Once removed from the ground, the tanks were scraped and brushed clean to remove any loose soil or debris prior to transport. They were then loaded onto trucks and shipped for recycling as described in Section 2.3. Removal and disposal of the concrete vault structures and backfill materials are also described in Section 2.3.

USTs -26 through -35, in the North Tank Vault, generally appeared in good condition at the time of removal. They were well protected with numerous sacrificial anodes surrounding each tank. The paint on the tank walls was still intact, and no holes or areas of significant corrosion were visible.

USTs -15 through -22, in the South Tank Vault, generally appeared in much worse condition than the tanks from the North Tank Vault. No sacrificial anodes were present on the South Tanks, and significant corrosion and pitting was visible on each tank. In some instances, corrosion holes were visible completely through the tank walls.

Photos of the tank removal work are included in a photo log in Appendix E. Decomissioning certificates are included in Appendix F.

Piping within the concrete vaults of each tank area was removed concurrently with the tanks. The piping was disconnected at each tank prior to the tanks being removed. ECI had a vacuum trailer on site for all piping removal work in the event liquids were present in the piping. No liquids were observed in any of the piping during removal. Removal of the product piping outside of the concrete vaults is described in Sections 2.2.1 and 2.2.2. Site assessment sampling activities are described in Section 3.

2.2.1 Piping Removal – North Tanks

At the North Tank Vault, a 4-inch diameter product pipe extended from the southeast corner of the concrete vault, due south towards the Aluminum Heat Treat Building (Aluminum Building), as shown on Figure 3. This is consistent with as-built drawings for the North Tank Vault. The pipe was exposed and removed on August 21, 2023. The pipe appeared to be a single length pipe without couplers. The pipe ran underneath the north foundation wall of the Aluminum Building where it was cut flush with the foundation wall. No liquids were observed in the pipe when it was cut. Soil from the piping trench was temporarily stockpiled for offsite disposal.

On October 11, 2023, after the Aluminum Building had been demolished, the remaining section of piping was removed. The piping was discovered to have been previously cut and capped approximately 1-foot north of the northern foundation wall of the Aluminum Building. The pipe was bent to form a 90-degree elbow and it had been cut and capped just past the elbow. Based on an interview with a former employee, this pipe had been removed to make room for the installation of the Aluminum Heat Treat Furnace Pit in the mid-1970s. At that time the building

use transitioned from the Powerhouse into use as the Aluminum Heat Treat Building. The product pipe is shown in Photo 7 in the Photo Log in Appendix E.

Soil generated during removal of the last segment of piping was added to the temporary soil stockpile, where it was covered until the product piping had been removed from the South Tank Vault. Disposal of the soil is described in Section 2.3.

2.2.2 Piping Removal – South Tanks

At the South Tank Vault, a single 2-inch diameter product pipe was observed to extend from inside the tank vault, west beneath the Aluminum Building. After the Aluminum Building had been demolished, the piping beneath the slab was exposed and removed on October 11 and 12, 2023. The product piping alignment is shown in Figure 4, and it appears to have been installed so that it was routed around the former Aluminum Heat Treat Furnace Pit.

Consistent with historical drawings of the area, a second pipe, believed to be a fuel return line, was visible in the same trench as the product pipe. A third pipe, believed to be a steam line, was also present. The second and third pipes appeared to have been previously cut approximately 15-feet south of where the first pipe entered the tank vault. A small electrical conduit was also present in the same trench, and all three pipes and the electrical conduit ran west underneath the former Aluminum Building. At the west edge of the Aluminum Building, the piping turned and ran north approximately 15-feet, where it entered a utilidor. The utilidor continued approximately 25-feet north, where it turned and ran west underneath the former drive lane between the main shop building and the aluminum building.

The top of the utilidor was constructed with a concrete slab approximately 12-inches thick. The portion of the slab underneath the drive lane was also covered with a layer of asphalt paving. The concrete lid was broken apart using a hydraulic hammer to expose the product piping in the utilidor. Once exposed, the product lines from the tank vault were observed to enter the utilidor where at least some of them appeared to have been cut and capped. Other lines of unknown purpose were also present in the utilidor, including portions of lines that had been cut or broken at some point prior to the utilidor being exposed. Most of the lines in the utilidor were not labeled, or the labeling was not legible. Some of the lines were still present where the utilidor entered the main shop building, and labeling on the shop ends of the pipes indicated at least two pipes labeled as “fuel oil”, one pipe labeled as “fuel oil return”, one pipe labeled “propane”, and another pipe labeled “compressed air”. More pipe segments were visible in the utilidor than were visible inside the shop building, and the original purpose or contents of these lines are unknown. Photos of the piping removal, including piping in the utilidor, are included in the Photo Log in Appendix E.

CGI cut the rebar from the top of the utilidor to allow access to the underlying piping. ECI had a vacuum trailer on site for the piping removal work in the event liquids were present in the piping. The piping was lifted out of the utilidor using an excavator to slope the piping away from portions that had to be cut with a demolition saw. No liquids were observed in any of the piping

during removal. After the rebar and piping had been cut and removed, the utilidor was emptied of debris in preparation for sampling and backfill.

Rainwater was observed to have accumulated in the utilidor prior to breaking open the concrete lid. The water was confirmed during an inspection of the utilidor by CGI on October 10, 2023, prior to demolition of the utilidor top. Additional rainwater may have also entered during rain events on October 11, 2023, when 0.39 inches of precipitation fell (NOAA, 2024). A slight sheen was present on the water along with a petroleum type odor. A sample of the water was collected using a disposable bailer on October 12, 2023, for waste designation purposes, and the water was removed from the utilidor by ECI using a vacuum trailer. Approximately 275-gallons of water was removed and temporarily stored in a Department of Transportation (DOT) rated shipping tote. Once the water had been removed, CGI crews removed the remaining pieces of concrete debris in preparation for soil sampling and backfilling.

Prior to the utilidor being backfilled, a soil sample was collected beneath the utilidor on October 13, 2023 as part of site assessment activities, as described in Section 3.2. Disposal of the soil, concrete and water generated during piping removal activities are described in Section 2.3

2.3 WASTE DISPOSAL

2.3.1 Underground Storage Tank and Product Piping Disposal

Each of the 18 USTs were loaded onto trucks for transportation to a metal recycling facility. Product piping was combined with rebar from the concrete vault structure and other recyclable materials generated from demolition activities. All scrap metal from the project was disposed of to Sutter Metals in Tacoma, Washington, or Seattle Iron and Metals Corporation, in Seattle, Washington.

2.3.2 Concrete and Soil Disposal

On August 14, 2023, the concrete vault structures were sampled for waste designation purposes. Sampling was conducted to confirm that petroleum or metals that may have leached into the concrete would not designate as hazardous or dangerous waste. The concrete was determined to be non-hazardous waste suitable for disposal to a subtitle D landfill. A copy of the waste designation package is included in Appendix G.

The backfill material consisting of slag, sand, and gravel surrounding the tanks was previously sampled and designated as non-hazardous waste (DH Environmental, 2020). As a result, no further sampling was conducted of the tank backfill, and it was loaded into trucks for offsite disposal. Because the South Tank Vault did not contain a concrete bottom, backfill materials were removed to the depth of the base of the tanks, approximately 8-feet below grade.

Once the tank backfill materials were removed, the concrete vault structures were also removed.

The concrete from the vault structures was processed within the footprint of the respective excavation areas to remove rebar and facilitate loading onto trucks. The rebar was segregated for recycling and the concrete was loaded into trucks for offsite disposal.

Soil and concrete generated during the product piping removal was temporarily stockpiled until all piping removal activities were complete. The soil was sampled for waste designation purposes and determined to be non-hazardous waste, suitable for disposal to a subtitle D landfill. A copy of the piping soil designation package is included in Appendix H.

A total of 4,082.59-tons of soil and concrete were transported for disposal to Roosevelt Regional Landfill, in Roosevelt, Washington. The Roosevelt Landfill is a permitted Subtitle D Landfill operated by Republic Services. A copy of the soil and concrete disposal records is included in Appendix I.

2.3.3 Water Disposal

Analytical results for the tote of water pumped from the South Tank Vault piping utilidor resulted in a waste designation determination that the water was non-hazardous waste. A copy of the waste designation package is included in Appendix J. The water was temporarily stored in a DOT-rated 275-gallon shipping tote until it was pumped out via vacuum truck by DH Environmental on December 4, 2023. Due to the small volume of water, it was combined with water generated during cleaning of several subsurface vaults on the property, unrelated to the UST decommissioning activities. This water was temporarily stored in a 20,000-gallon frac tank, before being disposed of to MarVac in Seattle, Washington in December 2023.

2.4 BACKFILL AND RESTORATION

Following the collection of site assessment samples, described in Section 3, the North and South Tank Vault excavations were backfilled between September 6 and 15, 2023. The base and sidewalls of the excavation were lined with plastic sheeting prior to backfilling. The backfill was placed in lifts and compacted to 95% compaction. Compaction testing was conducted by Krazan and Associates under subcontract to CGI.

Backfill of the product piping trenches and piping utilidor was conducted on October 13, 2023.

Backfill material consisted of 1-1/4” crushed rock sourced from the ICON Materials quarry in Auburn, Washington. Prior to being imported into the Site, all import backfill was tested at the quarry to confirm it met backfill requirements, as specified in the Interim Action Work Plan. Analytical results for the import backfill are reported under separate cover as part of the Interim Action Completion Report.

Paving of the excavation areas and piping trenches was conducted as part of final site restoration in March, 2024.

Section 3: SITE ASSESSMENT SAMPLING

Following removal of the USTs and product piping, site assessment soil samples were collected as described in the following sections. Sample locations are shown in Figures 3 and 4. All confirmation soil samples from the UST vaults were collected from the excavator bucket, with care taken to ensure the sample was not collected from soil in direct contact with the bucket. All soil samples were collected in general accordance with the Ecology-approved Interim Action Work Plan (IAWP; DH Environmental, 2023). Groundwater was not encountered during the tank removal or site assessment sampling activities.

3.1 NORTH TANK VAULT

Site assessment soil samples from the North Tank Vault and associated product piping were collected between August 21 – 30, 2023. Soil samples were collected from the base and sidewalls of the excavation following removal of the concrete vault surrounding the former USTs.

Soil samples from the base of the excavation were collected from an approximate depth of 6.5-feet below grade. This depth was approximately 0.5-feet below the base of the former concrete slab, at the interface with native soil. Soil samples from the sidewall of the excavation were collected from an approximate depth of 5-feet below grade, near the base of the sidewall.

A total of 27 soil samples were collected from the base and sidewalls of the North Tank Vault, including one duplicate sample. A total of three soil samples were collected beneath the piping run from the North Tank Vault. Piping samples were collected by hand, directly from the base of the piping trench following removal of the piping.

The majority of soil samples from the base of the North Tank Vault excavation were collected along the east side of the excavation, beneath the former fill ports of the tanks where releases were most likely to have occurred. One bottom sample, NT-SS-35, beneath the former tank UST-35, was moved to sample soil where a former sump was observed in the concrete vault. This sump was believed to be a feature associated with the former basement structure of the building that the tanks were installed in following building demolition.

Sidewall samples from the North Tank Vault were generally distributed equally around the perimeter of the excavation. Sidewall samples NT-SS-13, NT-SS-14, NT-SS-17, and NT-SS-18, were adjusted to focus on areas where staining was observed. Sidewall sample NT-SS-14 and bottom sample NT-SS-31 were collected near the former fill port for the USTs.

3.2 SOUTH TANK VAULT

Prior to collecting site assessment samples in the South Tank Vault, two test pits were advanced at the north and south ends of the South Tank Vault to investigate for the presence of a concrete

slab. Each test pit was advanced to a depth of 4-feet below the base of the tanks. The test pits confirmed that concrete was not present, which is consistent with as-built records for the South Tank Vault.

Site assessment soil samples from the South Tank Vault and associated product piping were collected between August 22 and October 13, 2023. Soil samples were collected from the base and sidewalls of the excavation following removal of the concrete vault surrounding the former USTs.

Soil samples from the base of the excavation were collected from an approximate depth of 8.5-feet below grade. This depth was approximately 0.5-feet below the base of the former tanks, at the interface with native soil. Soil samples from the sidewall of the excavation were collected from an approximate depth of 6.5-feet below grade, near the base of the sidewall.

A total of 23 soil samples were collected from the base and sidewalls of the South Tank Vault, including one duplicate sample. A total of three soil samples were collected beneath the piping run from the South Tank Vault. Piping samples ST-piping-SS-21 and ST-piping-SS-22 were collected by hand, directly from the base of the piping trench following removal of the piping. Piping sample ST-piping-SS-20 was collected from an excavator bucket, from a depth of 6.5-feet below grade, beneath a utilidor.

All of the soil samples from the base of the South Tank Vault excavation were collected along the west side of the excavation, beneath the former fill ports of the tanks where releases were most likely to have occurred. Sidewall samples from the South Tank Vault were generally distributed equally around the perimeter of the excavation. Sidewall sample ST-SS-15 was collected from stained soil near the former fill port for the USTs.

3.3 SAMPLE LOCATIONS

Site assessment soil sampling locations are shown on Figures 3 and 4. Sample locations were recorded using a mapping grade GPS unit capable of sub-meter accuracy (Trimble GeoXH or Trimble DA2). Where it was not safe to enter an excavation, the sample locations were recorded by surveying the corresponding northing or easting that lined up with each sample.

3.4 SITE ASSESSMENT ANALYTICAL RESULTS

All Site Assessment soil samples were analyzed for diesel-range organics (DRO) by Method NWTPH-Dx and gasoline-range organics (GRO) by Method NWTPH-Gx.

In accordance with the IAWP, and in consultation with Ecology, multiple soil samples were selected for follow-up analysis for the following compounds:

- 1-2, dibromoethane (EDB), 1-2, Dichloroethane (EDC), methyl tertiary-butyl ether (MTBE), benzene, toluene, ethylbenzene and xylenes (BTEX) and halogenated VOCs (HVOCs) by EPA Method 8260D,
- Polychlorinated biphenyls (PCBs) by EPA Method 8082, and,
- Carcinogenic Polyaromatic Hydrocarbons (cPAHs) and naphthalenes by EPA Method 8270E/Selected Ion Monitoring (SIM);
- Total RCRA 8 metals plus copper, nickel, and zinc, by EPA Methods 6010D (arsenic, barium, cadmium, chromium, lead, selenium, and silver) and 7471B (mercury).

The samples selected for follow-up analysis were chosen in consultation with Ecology, following review of the initial DRO and GRO data. Of the 15 samples selected for follow-up analysis, MTBE, EDB, EDC, and benzene were not reported in any of the soil samples at a concentration greater than or equal to the practical quantitation limit (PQL). Mercury, selenium and silver were also not reported in any of the soil samples at a concentration greater than or equal to the PQL. PCBs were reported in four samples at a concentration greater than or equal to the PQL, all at a total concentration of less than 1 milligram per kilogram (mg/kg). Naphthalene was reported in most follow-up samples at low concentrations, with the highest concentration reported at 2.9 mg/kg. A discussion of the results for select compounds is described in Sections 3.4.1 through 3.4.5.

The analytical results for DRO, GRO, Toluene, Ethylbenzene, and Xylenes, cPAHs, total metals, and PCBs are summarized in Tables 1 through 6. In each table, a compound was only listed if it was reported in at least one sample at a concentration greater than or equal to the PQL. A copy of the laboratory analytical reports is included in Appendix K.

3.4.1 Diesel- and Gasoline-Range Hydrocarbons

GRO and DRO were reported in soil samples from both the North and South Tank Vaults at elevated concentration.

GRO was reported at a maximum concentration of 480 mg/kg in the North Tank Vault, in sample NT-SS-17-5.0, which was collected along the south sidewall of the excavation. The highest concentration of DRO in the North Tank Vault was reported in the same sample at a concentration of 225,000 mg/kg.

GRO was reported at a maximum concentration of 1,300 mg/kg in the South Tank Vault, in sample ST-SS-8-8.5, which was collected from the base of the excavation at the south end. The highest concentration of DRO in the South Tank Vault was reported at a concentration of 18,000 mg/kg in sample ST-SS-17-6.5, located along the middle of the west sidewall of the excavation. The results for DRO and GRO for the North and South Tank vaults are summarized in Tables 1 and 2, respectively.

3.4.2 Toluene, Ethylbenzene, and Xylenes

Benzene was not reported in any of the site assessment samples at a concentration greater than the PQL. Toluene, ethylbenzene, and xylenes were reported at low concentrations in several samples. The results for Toluene, Ethylbenzene, and Xylenes are summarized in Table 3.

3.4.3 cPAHs

Each of the seven cPAH compounds was reported in one or more of the soil samples selected for follow-up analysis. Soil sample ST-piping-SS-22 contained the highest toxic equivalent concentration (TEC) of benzo(a)pyrene at 0.830 mg/kg. The results for cPAHs are summarized in Table 4.

3.4.4 Metals

Cadmium was only reported in one sample at a concentration greater than the PQL, sample ST-piping-SS-20-6.5, at a concentration of 0.85 mg/kg. This sample was collected beneath the product piping utilidor between the former Aluminum Building and the main shop building.

Arsenic was reported in three samples at a concentration greater than the PQL. The highest concentration of arsenic was reported in sample NT-SS-31-6.5, which was collected from the base of the North Tank Vault, near the midpoint along the east side, at a concentration of 39 mg/kg.

Nickel was elevated in one sample, NT-piping-SS-24, at a concentration of 910 mg/kg. This sample was collected beneath the northernmost product piping sample from the North Tank Vault. The results for total metals are summarized in Table 5.

3.4.5 PCBs

PCBs were reported in four of the follow-up soil samples at a concentration greater than the PQL. The highest concentration was reported in sample NT-piping-SS-24-2.0 at a concentration of 0.52 mg/kg. The results for PCBs are summarized in Table 6.

Section 4: CONCLUSIONS

The purpose of a UST site assessment is to determine if there has been a release of a regulated substance from a UST system. Confirmed and suspected releases have been reported from both former UST vaults as early as 1990 when Dames & Moore first identified elevated levels of petroleum in soil west of the former Aluminum Heat Treat Building (Dames & Moore, 1990). Later findings by SEACOR in 1991 supported this when they reported that three USTs in the North Tank Vault failed tightness testing. An additional investigation conducted in 1991 by SEACOR also identified light non-aqueous phase liquid (LNAPL) west of the former South Tank Vault (SEACOR, 1993 and 1993b). LNAPL was again identified west of the former North Tank Vault in 1995, along with high concentrations of DRO in soil west of the former South Tank Vault (Dames & Moore, 1999). More recent investigations by Shannon & Wilson also identified likely releases from both former UST vaults, including the presence of a significant LNAPL plume on groundwater west of the South Tank Vault (Shannon & Wilson, 2020).

As described above, multiple investigations conducted over a 30-year period have identified likely releases from the former North and South Tank vaults at the Jorgensen Site. The site assessment activities described in this report were conducted pursuant to Agreed Order No. DE 21034 following UST decommissioning by removal. In accordance with the requirements of WAC 173-360A-0730(8)(g)(iii), the results of this site assessment conclude there has been a release of a regulated substance from both the former North and South UST systems at the former Jorgensen Forge Site.

We recommend this information be considered by Ecology and EMJ during the remedial investigation and final cleanup of the Site.

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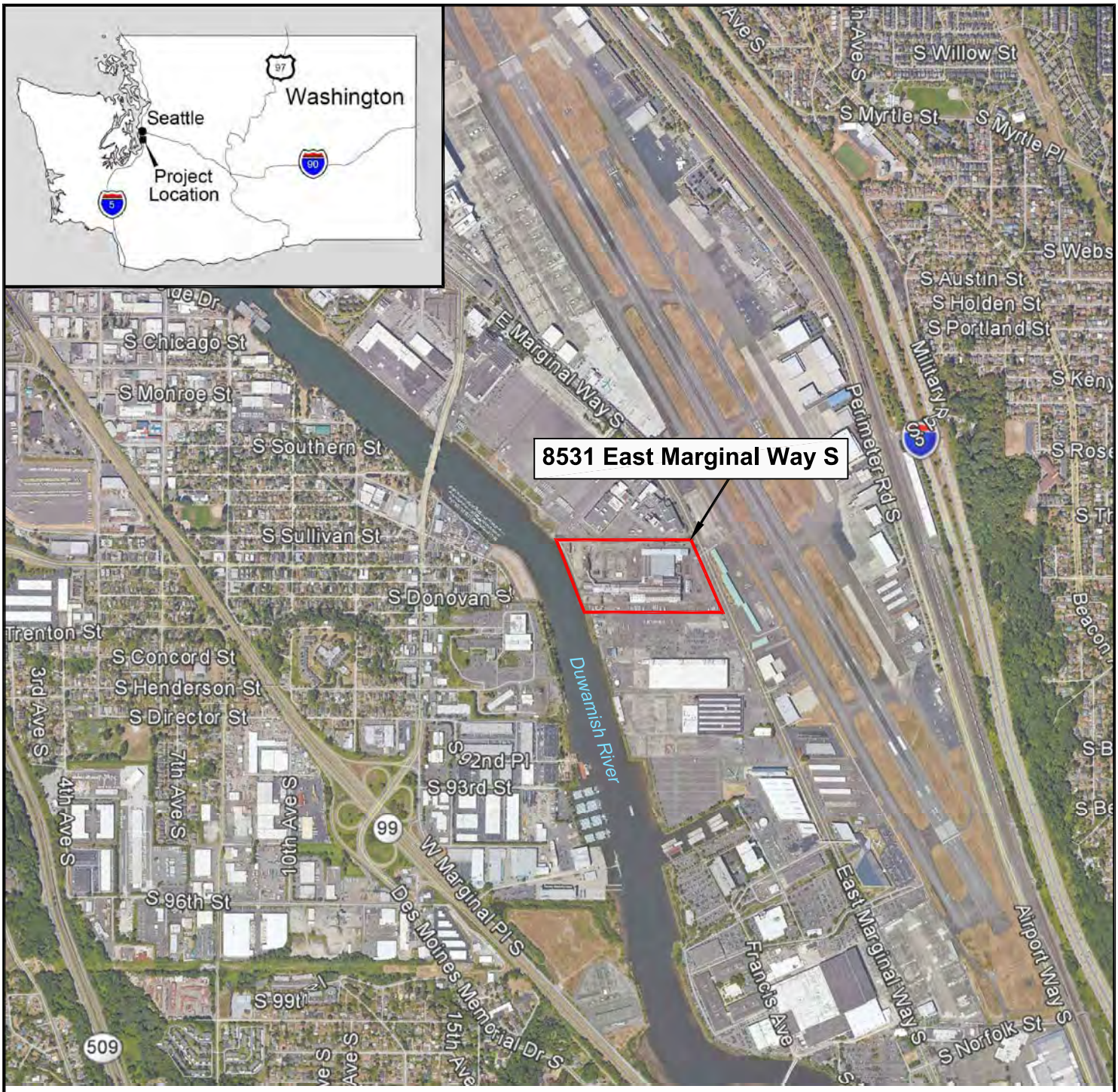


Legend

Former Jorgensen Forge Property

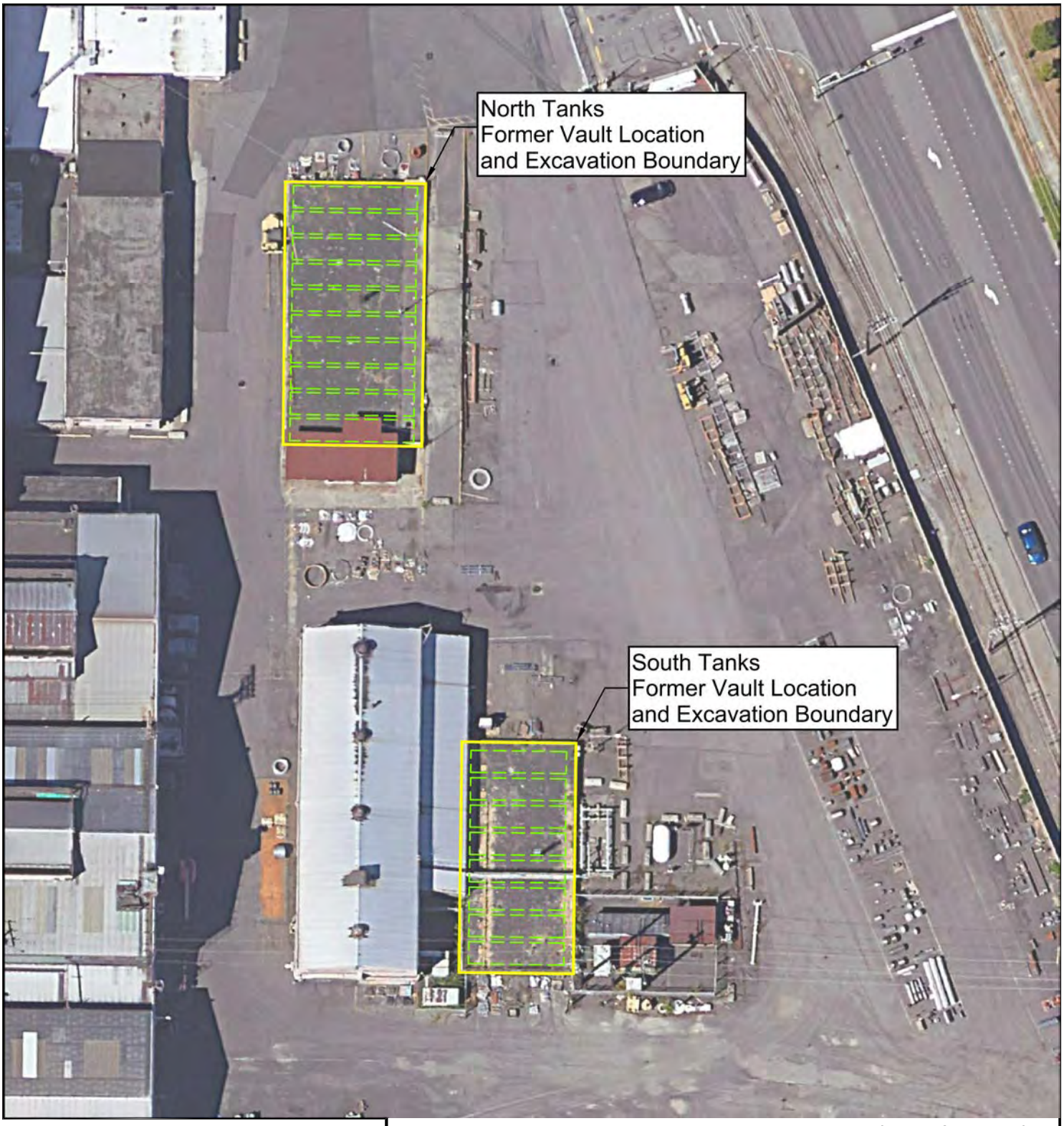
N

Background Images Source: Google Earth Pro 5/26/2018

DH Environmental Inc

Vicinity Map

Former Jorgensen Forge Facility 8531 E. Marginal Way S. Tukwila, Washington	02-05-2024	Figure 1



DH Environmental Inc

North & South Tank Vault Location Map

Former Jorgensen Forge Facility 8531 E. Marginal Way S. Tukwila, Washington	02-05-2024	Figure 2

0 25 50

Scale in Feet

Legend

Former Underground Storage Tank Location

N

Background Images Source: Google Earth Pro 5/26/2018



DH Environmental Inc

North Tanks Sample Location Map

Former Jorgensen Forge Facility 8531 E. Marginal Way S. Tukwila, Washington	01-26-2024	Figure 3

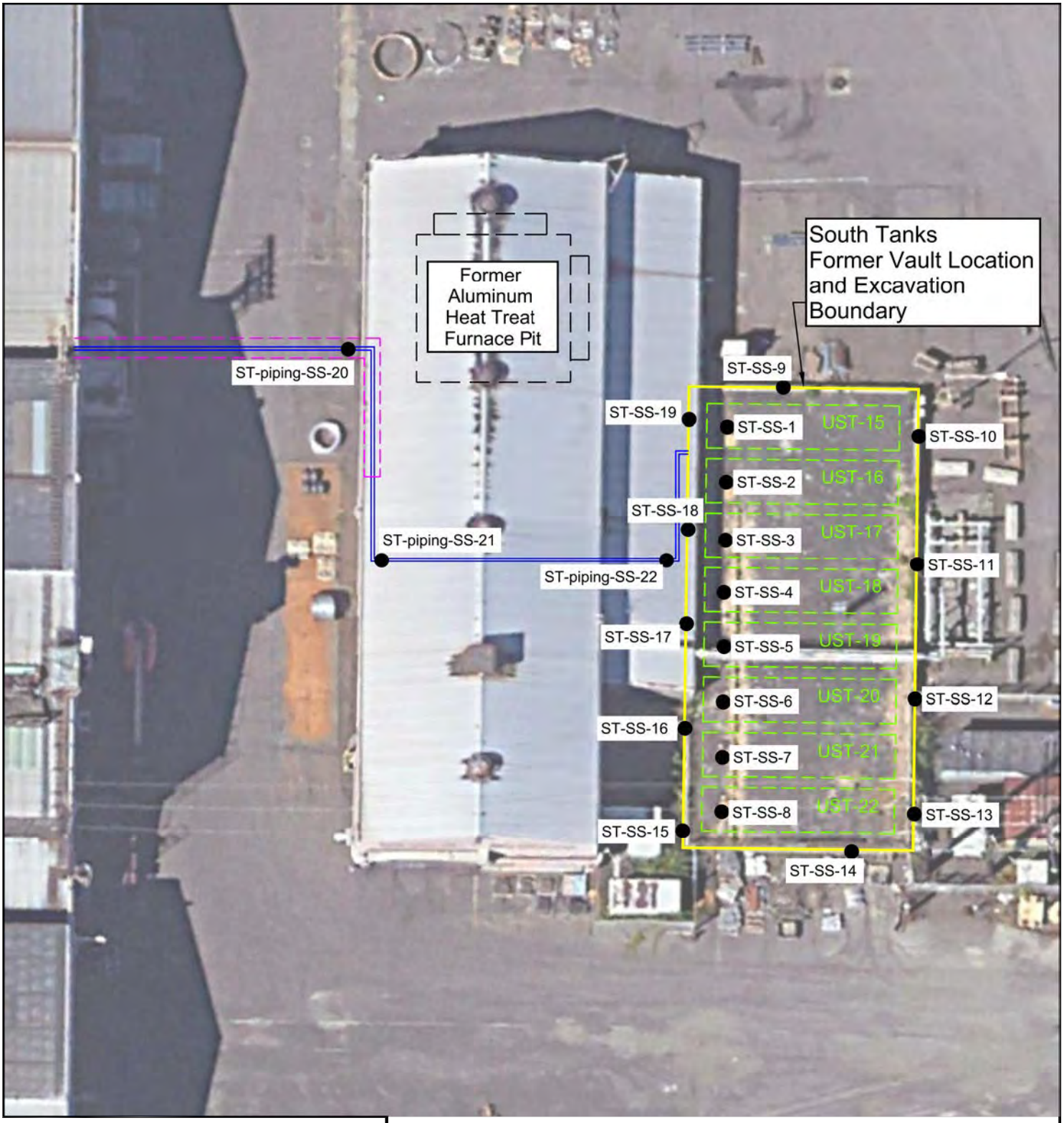
Legend

- Soil Sample Location and Designation
- Former Underground Storage Tank Location and Designation
- Former Product Piping Location

0 25
Scale in Feet

N

Background Images Source: Google Earth Pro 5/26/2018



DH Environmental Inc

South Tanks Sample Location Map

Former Jorgensen Forge Facility 8531 E. Marginal Way S. Tukwila, Washington	02-05-2024	Figure 4

Legend

- Soil Sample Location and Designation
- Former Underground Storage Tank Location and Designation
- Former Utilidor
- Former Product Piping

0 25
Scale in Feet

N

Background Images Source: Google Earth Pro 5/26/2018

Table 1
Analytical Results Summary Table - GRO & DRO
UST Site Assessment Soil Samples - North Tank Vault
Former Jorgensen Forge Facility
Tukwila, Washington

all values reported in units of mg/kg

Lab Report	Sample Date	Sample Location	Sample ID	GRO	DRO
2308-250	8/22/2023	North Tank Bottom	NT-SS-29-6.5-082223	4.9 U	57 U
			NT-SS-30-6.5-082223	5.8 U	58 U
			NT-SS-31-6.5-082223	80	32,000
			NT-SS-32-6.5-082223	5.3 U	60 U
			NT-SS-33-6.5-082223	5.7 U	61 U
			NT-SS-34-6.5-082223	280	10,800
			NT-SS-35-6.5-082224	6.5	6,600
			NT-SS-Dup-1-082223	6.5	14,000
2308-357	8/30/2023		NT-SS-28-6.5-083023	5.3 U	58 U
			NT-SS-27-6.5-083023	7.7 U	120
			NT-SS-26-6.5-083023	4.9 U	56
2308-315	8/28/2023	North Tank Sidewalls	NT-SS-17-5.0-082823	480	225,000
			NT-SS-18-5.0-082823	180	23,500
			NT-SS-19-5.0-082824	6.2 U	66 U
			NT-SS-16-5.0-082825	6.0 U	60 U
			NT-SS-15-5.0-082826	110	1,120
2308-357	8/30/2023		NT-SS-20-5.0-083023	5.2 U	96
			NT-SS-21-5.0-083023	5.1 U	59 U
			NT-SS-22-5.0-083024	5.3 U	59 U
			NT-SS-23-5.0-083024	6.2 U	65 U
			NT-SS-14-5.0-083025	450	37,900
			NT-SS-13-5.0-083025	100	51,900
			NT-SS-12-5.0-083026	5.6 U	56 U
			NT-SS-11-5.0-083026	7.2 U	69 U
2308-250	8/21/2023	North Tank Piping	NT-piping-SS-24-2.0-082123	6.4 U	8,900
			NT-piping-SS-25-2.0-082123	5.2 U	399
			NT-piping-SS-26-2.0-082123	4.8 U	120

Notes:

1. "U" denotes analyte not reported at a concentration greater than or equal to the given laboratory practical quantitation limit (PQL)
2. DRO concentrations include the sum of diesel-range and lube oil-range hydrocarbons. If neither diesel-range or lube oil-range hydrocarbons were reported in a sample at a concentration greater than the PQL, the greatest PQL value is listed with a "U" flag
3. Samples analyzed by Onsite Environmental, Inc., of Redmond Washington

Abbreviations

GRO = Gasoline-range organics
DRO = diesel-range organics
mg/kg = milligrams per kilogram

Analytical Methods

GRO by Method NWTPH-Gx
DRO by Method NWTPH-Dx

Table 2

Analytical Results Summary Table - GRO & DRO

UST Site Assessment Soil Samples - South Tank Vault

Former Jorgensen Forge Facility

Tukwila, Washington

all values reported in units of mg/kg

Lab Report	Sample Date	Sample Location	Sample ID	GRO	DRO
2308-250	8/22/2023	South Tank Bottom	ST-SS-8-8.5-082223	1,300	5,300
			ST-SS-7-8.5-082223	5.7 U	3,400
			ST-SS-6-8.5-082223	5.6 U	57
			ST-SS-1-8.5-082223	6.7 U	67 U
			ST-SS-2-8.5-082223	7.3 U	149
			ST-SS-Dup-2-082223	6.4 U	58
2308-357	8/30/2023		ST-SS-3-8.5-083023	56 U	330
			ST-SS-4-8.5-083023	5.8 U	130
			ST-SS-5-8.5-083023	120 U	430
		South Tank Sidewalls	ST-SS-15-6.5-083023	280 U	15,000
			ST-SS-16-6.5-083023	230 U	6,000
			ST-SS-17-6.5-083023	170 U	18,000
			ST-SS-18-6.5-083023	78 U	2,900
			ST-SS-19-6.5-083023	4.7 U	56 U
			ST-SS-9-6.5-083023	5.7 U	66 U
			ST-SS-10-6.5-083023	7.1 U	73 U
			ST-SS-11-6.5-083023	7.1 U	38
			ST-SS-12-6.5-083023	6.6 U	63 U
			ST-SS-13-6.5-083023	8.6 U	80 U
			ST-SS-14-6.5-083023	6.8 U	69 U
2310-177	10/13/2023	South Tank Piping	ST-piping-SS-20-6.5	220	4,260
			ST-piping-SS-21-2.0	4.8 U	380
			ST-piping-SS-22-2.0	4.0 U	190

Notes:

1. "U" denotes analyte not reported at a concentration greater than or equal to the given laboratory practical quantitation limit (PQL)
2. DRO concentrations include the sum of diesel-range and lube oil-range hydrocarbons. If neither diesel-range or lube oil-range hydrocarbons were reported in a sample at a concentration greater than the PQL, the greatest PQL value is listed with a "U" flag
3. Samples analyzed by Onsite Environmental, Inc., of Redmond Washington

Abbreviations

GRO = Gasoline-range organics

DRO = diesel-range organics

mg/kg = milligrams per kilogram

Analytical Methods

GRO by Method NWTPH-Gx

DRO by Method NWTPH-Dx

Table 3
Analytical Results Summary Table - Toluene, Ethylbenzene, & Xylenes
UST Site Assessment Soil Samples
Former Jorgensen Forge Facility
Tukwila, Washington

all values reported in units of mg/kg

Location	Sample ID	Toluene	Ethylbenzene	Xylenes
North Tank Bottom	NT-SS-31-6.5-082223	0.0041 U	0.00082 U	0.0084
	NT-SS-34-6.5-082223	0.26 U	0.051 U	0.20
	NT-SS-35-6.5-082224	0.0044 U	0.0021	0.057
	T-SS-Dup-1-082223	0.0048 U	0.0012	0.028
North Tank Sidewalls	NT-SS-17-5.0-082823	0.25 U	0.065	0.54
	NT-SS-18-5.0-082823	0.0047 U	0.15	0.39 J
	NT-SS-13-5.0-083025	0.0046 U	0.00092 U	0.0163
North Tank Piping	NT-piping-SS-24-2.0-082123	0.0058 U	0.0012 U	0.0023 U
South Tank Bottom	ST-SS-8-8.5-082223	0.33	0.80	6.5
	ST-SS-7-8.5-082223	0.0047 U	0.00094 U	0.0096
South Tank Sidewalls	ST-SS-15-6.5-083023	0.21 U	0.085	0.73
	ST-SS-17-6.5-083023	0.22 U	0.044 U	0.087 U
South Tank Piping	ST-piping-SS-20-6.5	0.40	0.46	3.0
	ST-piping-SS-21-2.0	0.0041 U	0.00082 U	0.0012
	ST-piping-SS-22-2.0	0.0037 U	0.00074 U	0.0015 U

Notes

1. Analytes are only shown if they were reported in at least one soil sample at a concentration greater than or equal to the laboratory practical quantitation limit (PQL).
2. "U" denotes analyte not reported at a concentration greater than or equal to the given laboratory PQL.
3. "J" denotes the reported concentration is an estimate
4. Xylenes concentrations include the sum of m,p-xylene and o-xylene. If neither compound was reported in a sample at a concentration greater than the PQL, the greatest PQL value is listed with a "U" flag.

Abbreviations

mg/kg = milligrams per kilogram

Analytical Methods

VOCs by EPA Method 8260D

Samples analyzed by Onsite Environmental, Inc., of Redmond Washington

Table 4
Analytical Results Summary Table - cPAHs
UST Site Assessment Soil Samples
Former Jorgensen Forge Facility
Tukwila, Washington

all values reported in units of mg/kg

Sample ID	Benzo[a]anthracene	Chrysene	Benzo(b)fluoranthene	Benzo(j,k)fluoranthene	Benzo(a)pyrene	Indeno(1,2,3-cd)pyrene	Dibenzo(a,h)anthracene	TEC
TEF	0.1	0.01	0.1	0.1	1	0.1	0.1	
NT-SS-31-6.5-082223	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	--
NT-SS-34-6.5-082223	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	--
NT-SS-35-6.5-082224	0.0078 U	0.0098	0.0097 U	0.0078 U	0.010 U	0.0088 U	0.0078 U	--
T-SS-Dup-1-082223	0.036	0.052	0.093 U	0.015 U	0.10 U	0.026 U	0.015 U	0.004
NT-SS-17-5.0-082823	0.026	0.072	0.041 U	0.020 U	0.033 U	0.031 U	0.036 U	0.003
NT-SS-18-5.0-082823	0.0028	0.0062	0.0045 U	0.0021 U	0.013 U	0.0054 U	0.0022 U	0.000
NT-SS-13-5.0-083025	0.13	0.15	0.097	0.036 U	0.14	0.080	0.036 U	0.172
NT-piping-SS-24-2.0-082123	0.033 UJ	0.038 J	0.056 J	0.062 J	0.033 UJ	0.033 UJ	0.033 UJ	0.012
ST-SS-8-8.5-082223	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	--
ST-SS-7-8.5-082223	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	--
ST-SS-15-6.5-083023	0.035 U	0.16	0.035 U	0.035 U	0.042	0.035 U	0.035 U	0.044
ST-SS-17-6.5-083023	0.13	0.38	0.046	0.035 U	0.074	0.035 U	0.035 U	0.095
ST-piping-SS-20-6.5	0.030 U	0.071	0.045	0.030 U	0.034	0.030 U	0.030 U	0.039
ST-piping-SS-21-2.0	0.11	0.13	0.18	0.056	0.13	0.16	0.031	0.185
ST-piping-SS-22-2.0	0.57	0.59	0.68	0.23	0.63	0.37	0.088	0.830

Notes

1. Analytes are only shown if they were reported in at least one soil sample at a concentration greater than or equal to the laboratory practical quantitation limit (PQL).
2. "U" denotes analyte not reported at a concentration greater than or equal to the given laboratory PQL.
3. "J" denotes the reported concentration is an estimate
4. "--" indicates a TEC value was not calculated, because none of the individual cPAH compounds were reported at a concentration greater than or equal to the PQL.

Abbreviations

cPAHs = Carcinogenic Polyaromatic Hydrocarbons
mg/kg = milligrams per kilogram
TEF = Toxic Equivalent Factor, (WAC 173-340-708
TEC = Toxic Equivalent Concentration of benzo(a)pyrene

Analytical Methods

cPAHs by EPA 8270E/SIM
Analyzed at Onsite Environmental, Redmond, Washington

Table 5
Analytical Results Summary Table - Total Metals
UST Site Assessment Soil Samples
Former Jorgensen Forge Facility
Tukwila, Washington

all values reported in units of mg/kg

	Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Nickel	Zinc
NT-SS-31-6.5	39	26	0.58 U	7.2	17	5.8 U	12	19
NT-SS-34-6.5	12 U	24	0.60 U	7.0	11	6.0 U	8.1	21
NT-SS-35-6.5	12 U	27	0.59 U	8.7	12	5.9 U	8.4	25
T-SS-Dup-1	12 U	24	0.59 U	7.8	11	5.9 U	7.7	22
NT-SS-17-5.0	12 U	34	0.59 U	9.3	20	12	18	59
NT-SS-18-5.0	12 U	28	0.62 U	7.7	17	6.2 U	9.4	20
NT-SS-13-5.0	11 U	27	0.54 U	7.9	21	5.4 U	11	23
NT-piping-SS-24-2.0	27	65	0.61 U	100	150	140	910	190
ST-SS-8-8.5	13 U	28	0.63 U	7.9	10	6.3 U	7.6	23
ST-SS-7-8.5	12 U	23	0.62 U	7.7	8.1	6.2 U	6.5	19
ST-SS-15-6.5	11 U	21	0.53 U	7.1	7.8	11	7.5	20
ST-SS-17-6.5	11 U	25	0.53 U	8.3	8.1	5.3 U	8.0	22
ST-piping-SS-20-6.5	31	82	0.85	25	67	49	94	280
ST-piping-SS-21-2.0	11 U	41	0.55 U	55	56	18	64	44
ST-piping-SS-22-2.0	11 U	33	0.55 U	20	30	18	58	43

Notes

1. Analytes are only shown if they were reported in at least one soil sample at a concentration greater than or equal to the laboratory practical quantitation limit (PQL).
2. "U" denotes analyte not reported at a concentration greater than or equal to the given laboratory PQL.

Abbreviations

mg/kg = milligrams per kilogram

Analytical Methods

arsenic, barium, cadmium, chromium, lead, selenium, and silver by EPA Method 6010D

mercury by EPA Method 7471B

Analyzed at Onsite Environmental, Redmond, Washington

Table 6
Analytical Results Summary Table - PCBs
UST Site Assessment Soil Samples
Former Jorgensen Forge Facility
Tukwila, Washington

all values reported in units of mg/kg

Sample Name	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1262	Aroclor 1268	Total PCBs
NT-SS-31-6.5	0.058 U	0.058 U	0.058 U	0.058 U	0.058 U	0.058 U	0.058 U	0.058 U	0.058 U	--
NT-SS-34-6.5	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	--
NT-SS-35-6.5	0.059 U	0.059 U	0.059 U	0.059 U	0.059 U	0.059 U	0.059 U	0.059 U	0.059 U	--
T-SS-Dup-1	0.059 U	0.059 U	0.059 U	0.059 U	0.059 U	0.059 U	0.059 U	0.059 U	0.059 U	--
NT-SS-17-5.0	0.059 U	0.059 U	0.059 U	0.059 U	0.059 U	0.16	0.11	0.059 U	0.059 U	0.27
NT-SS-18-5.0	0.062 U	0.062 U	0.062 U	0.062 U	0.062 U	0.084	0.062 U	0.062 U	0.062 U	0.084
NT-SS-13-5.0	0.054 U	0.054 U	0.054 U	0.054 U	0.054 U	0.13	0.054 U	0.054 U	0.068	0.20
NT-piping-SS-24-2.0	0.061 U	0.061 U	0.061 U	0.061 U	0.061 U	0.29	0.23	0.061 U	0.061 U	0.52
ST-SS-8-8.5	0.063 U	0.063 U	0.063 U	0.063 U	0.063 U	0.063 U	0.063 U	0.063 U	0.063 U	--
ST-SS-7-8.5	0.062 U	0.062 U	0.062 U	0.062 U	0.062 U	0.062 U	0.062 U	0.062 U	0.062 U	--
ST-SS-15-6.5	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U	--
ST-SS-17-6.5	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U	--
ST-piping-SS-20-6.5	0.057 U	0.057 U	0.057 U	0.057 U	0.057 U	0.057 U	0.057 U	0.057 U	0.057 U	--
ST-piping-SS-21-2.0	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	--
ST-piping-SS-22-2.0	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	--

Notes

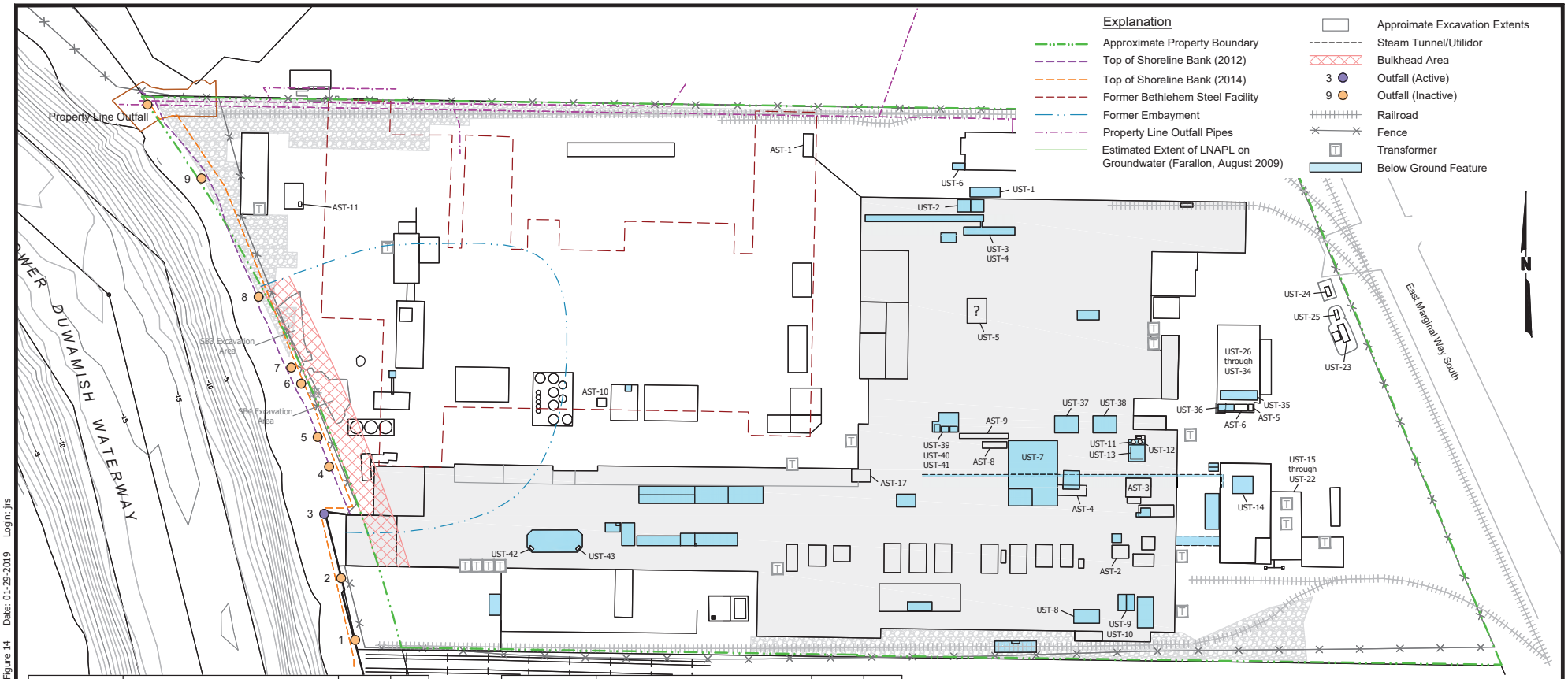
1. Analytes are only shown if they were reported in at least one soil sample at a concentration greater than or equal to the laboratory practical quantitation limit (PQL).
2. "U" denotes analyte not reported at a concentration greater than or equal to the given laboratory PQL.
3. "--" indicates none of the individual PCB aroclors were reported at a concentration greater than or equal to the PQL.

Abbreviations

PCB = polychlorinated biphenyl
UST = Underground Storage Tank
mg/kg = milligrams per kilogram

Analytical Methods

PCBs by EPA Method 8082
Analyzed at Onsite Environmental, Redmond, Washington



Tank ID	Description	Containment	Capacity (Gallons)
UST-1	Hollowbore 59/60 Lathes Cutting Oil Holding Tank	V	11,000
UST-2	Hollowbore 59/60 Horizontal Lathes Intermediate Cutting Oil Tank	V	240
UST-3	Hollowbore 58 Horizontal Lathe Clean Cutting Oil Tank	V	5,500
UST-4	Hollowbore 58 Horizontal Lathe Dirty Cutting Oil Tank	V	5,000
UST-5	Tacchi Cutting Oil Tank	V	2,500
UST-6	Office Building Heating Oil UST	G	600
UST-7	5,000-Ton Press Hydraulic Oil Tank	V	4,000
UST-8	Ring Expander Hydraulic Oil Tank	V	300
UST-9	Ring Mill Coolant Tank	V	500
UST-10	Ring Mill Coolant Tank	V	500
UST-11	Quench Tank 5 (Q5)	V	-
UST-12	Quench Tank 6 (Q6)	V	5,000
UST-13	Quench Tank 7 (Q7)	V	-
UST-14	Quench Tank 8 (Q8)	V	-
UST-15 through UST-22	Decommissioned Diesel Storage Area Tanks (8 tanks)	V	96,000
UST-23	Former Regulated Gasoline UST	G	8,000
UST-24	Former Unregulated UST	G	2,000
UST-25	Former Unregulated UST	G	1,000
UST-26 through UST-35	Decommissioned Oil Storage Area Tanks (10 tanks)	V	150,000
UST-36	Waste Oil Tank	V	2,000
UST-37	West Craven Lathe Hydraulic Oil Tank	V	30
UST-38	East Craven Lathe Hydraulic Oil Tank	V	100
UST-39	Quench Tank 1 (Q1)	V	13,000
UST-40	Quench Tank 2 (Q2)	V	13,000
UST-41	Quench Tank 3 (Q3)	V	-
UST-42 and UST-43	Arc Furnace Hydraulic Oil Tank	V	500
UST-43	Arc Furnace Hydraulic Oil Tank	V	500
AST-1	Former Cutting Oil Supply Tank	C	4,000
AST-2	660-Ton Press Hydraulic Oil Tank	C	700
AST-3	1,250-Ton Press Hydraulic Oil Tank	C	1,000
AST-4	L and F Press Hydraulic Oil Tank	C	700
AST-5	Used Oil Centrifuge	C	1,200
AST-6	Clean Hydraulic Oil Tank	C	6,000
AST-7	2,500 Ton Press Hydraulic Oil Tank	C	1,500
AST-8	Quench Tank 4 (Q4)	C	-
AST-9	Quench Tank 9 (Q9)	C	-
AST-10	Former Gasoline AST	C	300
AST-11	Diesel Fuel Tank	C	300

ABBREVIATIONS

AST = Aboveground Storage Tank
UST = Underground Storage Tank
V = Within Vault
C = Within Containment
G = Directly within Soil
- = Unknown

DRAFT

NOTE

Figure adapted from client file, *141500101002_1-8.dwg*, prepared by PES Environmental, Inc. dated July 2017, and *01012802-006.dwg*, prepared by Achor Environmental, LLC and Farallon Consulting. Property Boundary from client file, *11078 Topo E-MAIL.dwg*, prepared by Anchor QEA, LLC., Dated Jan 24, 2012.

0 120 240
Scale in Feet

Jorgensen Forge Facility
8531 East Marginal Way S
Tukwila, Washington

ASTs AND USTs

January 2019 21-1-12596-010

SHANNON & WILSON, INC. GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

FIG. 14

Filename: J:\211\12596\010\21-1-12596-010 ASTs and USTs.dwg Layout: Figure 14 Date: 01-29-2019 Login: jrs

NWRO

UST ID #: 6163

County: King

RECEIVED
Date
JUN 01 2023

Washington State Department of Ecology
Toxics Cleanup Program

DEPARTMENT OF ECOLOGY
State of Washington

30-DAY NOTICE

FOR UNDERGROUND STORAGE TANK SYSTEMS

This form provides Ecology 30-days' advanced notice for projects, as required by Chapter 173-360A WAC. Instructions are on the back page.

Please ✓ the appropriate box: ☐ Intent to Install ☒ Intent to Close ☐ Change-in-Service

I. SITE INFORMATION		II. OWNER/OPERATOR INFORMATION	
Tag or UBI # (if applicable):	604 027 650	Owner/Operator Name:	Star Forge
UST ID # (if applicable):	6163	Business Name:	Star Forge
Site Name:	Former Jorgensen Forge	Mailing Address:	8531 E. Marginal Way S.
Site Address:	8531 E. Marginal Way S.	City:	Tukwila State: WA Zip: 98108
City:	Tukwila, WA	Phone:	Wayne Turk; 206-255-8177
Phone:	Wayne Turk 206-255-8177	Email:	wturk@jorgensenforge.com

III. CERTIFIED SERVICE PROVIDER(S)

Check the appropriate boxes. If more than one service provider is required for this project, fill out both sections.

Note: Individuals performing UST services MUST be ICC-certified or have passed another qualifying exam approved by the Department of Ecology.

1) ☐ Installer ☒ Decommissioner ☐ Site Assessor

Company Name:	Construction Group International	Certification Type:	UST Decommissioner
Service Provider Name:	Brad Reilly	Cert. No.: 8289423	Exp. Date: 3/4/2024
Provider Phone:	425-487-2618	Provider Email:	markm@cgius.net

2) ☐ Installer ☐ Decommissioner ☒ Site Assessor (Mark Marcell, CGI Project Mgr)

Company Name:	DH Environmental, Inc.	Certification Type:	WA State Site Assessor
Service Provider Name:	Nathan Moxley	Cert. No.: WA LHG 3024	Exp. Date: 6/7/2024
Provider Phone:	509-332-9281	Provider Email:	nathan.moxley@dhenviro.com

IV. TANK AND/OR PIPING INFORMATION

TANK ID	TANK CAPACITY	SUBSTANCE STORED	PIPING INSTALLATION OR REPLACEMENT ONLY (Y/N)	DATE PROJECT IS EXPECTED TO BEGIN	COMMENTS
					18 USTs identified on pg 3-6 of attached UST Addendum form. Tanks are empty, and work is approved by Ecology Agreed Order No. DE 21034. Expected start date pending permits from City of Tukwila. Start date will be confirmed 3-days before starting as required by WAC 173-360A-0810(1), and we will keep your office apprised of any scheduling updates.

30-DAY NOTICE

FOR UNDERGROUND STORAGE TANK SYSTEMS

GENERAL INSTRUCTIONS

Under WAC 173-360A-0300, 173-360A-0810 and 173-360A-0820, owners and/or operators are required to notify the Department of Ecology (Ecology) **at least 30 days prior** to beginning underground storage tank (UST) and/or piping installation, decommissioning, or change-in-service projects by mailing this notice to the address below. A separate form must be used for each project type (e.g. install, removal). Once this form is received by Ecology, it is date-stamped and returned to the owner/operator listed on the form. Installation and decommissioning projects cannot begin within the first 30 days after the date stamped on this form unless the wait-period has been waived by a regional Ecology UST inspector. If a project cannot meet the deadlines described below, an additional 30-Day Notice may be required.

Department of Ecology
Underground Storage Tank Section
PO Box 47655
Olympia, WA 98504-7655

SITE AND OWNER/OPERATOR INFORMATION

Fill in the site/owner information completely. The contact person listed on this form must confirm the exact date an installation or decommissioning project will begin by contacting the regional UST inspector **at least 3 business days** before proceeding.

INSTALLATION/REPLACEMENT OF TANK AND/OR PIPING

Installation projects must begin within 90 days of the date stamped on this notice. Complete the Tank Information section by assigning Tank ID numbers that have not previously been used at the facility. Once processed, this form allows a one-time drop of product for UST system testing purposes only. The fuel drop is not required to occur within the 90-day period. Once your tank(s) store more than one inch of product, leak detection equipment and monitoring must be in place.

To receive additional deliveries and operate the new tanks/piping, you must submit the Business License application, UST Addendum, and the tank/piping Manufacturer's Installation Checklists to the Department of Revenue (DOR) **within 30 days** of completing the installation. This activates the mailing of your Business License with tank endorsement(s) from DOR and the facility compliance tag from Ecology.

If only piping is being installed or replaced piping, the ICC-certified installer must certify the installation by completing the Retrofit/Repair Checklist with the Manufacturer's Installation Checklist and submitting it to the owner/operator. The form packet must be submitted by the owner/operator to Ecology **within 30 days** of completing the piping installation.

PERMANENT CLOSURE OF TANK AND/OR PIPING

Decommissioning projects must be completed within 90 days after the date stamped on this returned notice. Complete the Tank Information section using Tank ID numbers listed on the Business License. Use the Comments box to include additional information, such as the date when product was removed from both the piping and the tank to less than one inch.

Contact your local fire marshal and planning department prior to tank closure to procure any permits required by county or other local jurisdictions. Compliance with the State Environmental Policy Act (SEPA) Rules, Chapter 197-11 WAC may also apply.

A site assessment is required at the time of closure. If contamination is not discovered, a site assessment report must be submitted to the above address **within 30 days**. If contamination is discovered or confirmed, it must be reported to the appropriate Ecology regional office **within 24 hours** and a site characterization report must be submitted to the above address **within 90 days**.

The following are some examples of tanks that are exempt from the UST regulations.

- Farm or residential tanks, 1,100 gallons or less, used to store motor fuel for personal or farm use only. The fuel must be used for farm purposes and cannot be for resale.
- Tanks used for storing heating oil that is used solely for the purpose of heating the premises.
- Tanks with a capacity of 110 gallons or less.
- Emergency overflow tanks, catch basins, or sumps.

If you need this document in a format for the visually impaired, call Toxics Cleanup Program at (360) 407-7170. Persons with hearing loss can call 711 for Washington Relay Service. Persons with speech disability, call (877) 833-6341.

UBI number
604 027 650

IV Individual tank information See pages 2 and 3 of the instructions for proper codes before completing this section.

	First Tank	Second Tank	Third Tank	Fourth Tank	Fifth Tank
A Tank name	UST-15	UST-16	UST-17	UST-18	UST-19
B Tank installation date	~ 1942	~ 1942	~ 1942	~ 1942	~ 1942
D Tank material	A	A	A	A	A
E1 Tank construction	A	A	A	A	A
E2 Manifolded tank	A	A	A	A	A
F Tank release detection	O	O	O	O	O
H Tank corrosion protection	O	O	O	O	O
I Spill prevention	O	O	O	O	O
J Overfill protection	O	O	O	O	O
K2 Piping Installation Date	~ 1942	~ 1942	~ 1942	~ 1942	~ 1942
K1 Piping material	A	A	A	A	A
L Piping construction	A	A	A	A	A
M1 Piping release detection **(primary)**	O	O	O	O	O
M2 Piping release detection **(secondary)**	J	J	J	J	J
M3 Turbine sump construction	O	O	O	O	O
O1 Piping corrosion protection	O	O	O	O	O
O2 Steel flex connector at tank	J	J	J	J	J
O3 Steel flex connector at dispenser/pump	J	J	J	J	J
P Pumping system	O	O	O	O	O

Compartments	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
Q Substance stored	D			D			D			D			D		
R Substance use	B			B			B			B			B		
S Compartment capacity	12,000			12,000			12,000			12,000			12,000		

For new or upgraded tanks only

UBI number 604 027 650

IV Individual tank information See pages 2 and 3 of the instructions for proper codes before completing this section.

	6th Tank	7th Tank	8th Tank	9th Tank	10th Tank
A Tank name	UST-20	UST-21	UST-22	UST-26	UST-27
B Tank installation date	~ 1942	~ 1942	~ 1942	~1975	~1975
D Tank material	A	A	A	A	A
E1 Tank construction	A	A	A	A	A
E2 Manifolded tank	A		A	A	A
F Tank release detection	O	O	O	O	O
H Tank corrosion protection	O	O	O	O	O
I Spill prevention	O	O	O	O	O
J Overfill protection	O	O		O	O
K2 Piping Installation Date	~ 1942	~ 1942	~ 1942	~1975	~1975
K1 Piping material	A	A	A	A	A
L Piping construction	A	A	A	A	A
M1 Piping release detection **(primary)**	O	O	O	O	O
M2 Piping release detection **(secondary)**	J	J	J	J	J
M3 Turbine sump construction	O	O	O	O	O
O1 Piping corrosion protection	O	O	O	O	O
O2 Steel flex connector at tank	J	J	J	J	J
O3 Steel flex connector at dispenser/pump	J	J	J	J	J
P Pumping system	O	O	O	O	O

Compartments	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
Q Substance stored	D			D			D			O			O		
R Substance use	B			B			B			G			G		
S Compartment capacity	12,000			12,000			12,000			13,500			13,500		

For new or unregistered tanks only

UBI number 604 027 650

IV Individual tank information See pages 2 and 3 of the instructions for proper codes before completing this section.

	11th Tank	12th Tank	13th Tank	14th Tank	15th Tank
A Tank name	UST-28	UST-29	UST-30	UST-31	UST-32
B Tank installation date	~1975	~1975	~1975	~1975	~1975
D Tank material	A	A	A	A	A
E1 Tank construction	A	A	A	A	A
E2 Manifolded tank	A	A	A	A	A
F Tank release detection	O	O	O	O	O
H Tank corrosion protection	O	O	O	O	O
I Spill prevention	O	O	O	O	O
J Overfill protection	O	O	O	O	O
K2 Piping Installation Date	~1975	~1975	~1975	~1975	~1975
K1 Piping material	A	A	A	A	A
L Piping construction	A	A	A	A	A
M1 Piping release detection **(primary)**	O	O	O	O	O
M2 Piping release detection **(secondary)**	J	J	J	J	J
M3 Turbine sump construction	O	O	O	O	O
O1 Piping corrosion protection	O	O	O	O	O
O2 Steel flex connector at tank	J	J	J	J	J
O3 Steel flex connector at dispenser/pump	J	J	J	J	J
P Pumping system	O	O	O	O	O

Compartments	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
Q Substance stored	O			O			O			O			O		
R Substance use	G			G			G			G			G		
S Compartment capacity	13,500			13,500			13,500			13,500			13,500		

For new or unregistered tanks only

UBI number 604 027 650

IV Individual tank information See pages 2 and 3 of the instructions for proper codes before completing this section.

	16th Tank			17th Tank			18th Tank			19th Tank			20th Tank		
A Tank name	UST-33			UST-34			UST-35								
B Tank installation date	~1975			~1975			~1975								
D Tank material	A			A			A								
E1 Tank construction	A			A			A								
E2 Manifolded tank	A						A								
F Tank release detection	O			O			O								
H Tank corrosion protection	O			O			O								
I Spill prevention	O			O			O								
J Overfill protection	O			O											
K2 Piping Installation Date	~1975			~1975			~1975								
K1 Piping material	A			A			A								
L Piping construction	A			A			A								
M1 Piping release detection **(primary)**	O			O			O								
M2 Piping release detection **(secondary)**	J			J			J								
M3 Turbine sump construction	O			O			O								
O1 Piping corrosion protection	O			O			O								
O2 Steel flex connector at tank	J			J			J								
O3 Steel flex connector at dispenser/pump	J			J			J								
P Pumping system	O			O			O								
Compartments	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
Q Substance stored	O			O			O								
R Substance use	G			G			G								
S Compartment capacity	13,500			13,500			13,500								

For new or unregistered tanks only

City of Tukwila

Department of Community Development
6300 Southcenter Boulevard, Suite #100
Tukwila, Washington 98188
Fire Marshal's Office
Web site: http://www.TukwilaWA.gov/departments/fire-marshals-office

FIRE PERMIT

FIRE TANK - TANK REMOVAL OR ABANDONMENT

PERMIT NUMBER:F23-0135

Parcel No:	0001600023	Permit Number:	F23-0135
Address:	8531 E MARGINAL WAY S	Issue Date:	5/26/2023
		Permit Expires On:	11/22/2023
Project Name:	Star Forge Tank Removal		

Owner:
Name: STAR FORGE LLC
Address: 8531 E MARGINAL WAY S TUKWILA WA 98108

Contact Person:
Name: Wayne Turk **Phone:** (206) 762-1100
Address: 8531 E. Marginal Way S. Tukwila WA 98108

Contractor:
Name: CONST GRP INTERNATIONAL LLC **Phone:** (425) 487-2618
Address: 19407 144TH AVE NE BLDG D WOODINVILLEWA 98072
License No: CONSTGI953NA **Expiration Date:** 8/10/2023

DESCRIPTION OF WORK:

Decommission, by removal, 18 USTs and 2 ASTs

Project Valuation:	$200,000.00	Fees Collected:	$8,400.00

Type of Fire Protection: Sprinklers:
Fire Alarm:

Type of Construction:
Occupancy per IBC:
Electrical Service Provided by: Tukwila
Water District: Tukwila
Sewer District: Tukwila

Fees Collected:

Electrical Service Provided by:
Water District:
Sewer District:

Current Codes adopted by the City of Tukwila:

International Fire Code Edition:	2018		
International Building Code Edition:	2018	National Electrical Code:	2020
International Residential Code Edition:	2018	WA Cities Electrical Code:	2020
International Mechanical Code Edition:	2018	WAC 296-46B:	2020
Uniform Plumbing Code Edition:	2018	WA State Energy Code:	2018
International Fuel Gas Code:	2018		

All provisions of law and ordinances governing this work will be complied with, whether specified herein or not.

The granting of this permit does not presume to give authority to violate or cancel the provisions of any other state or local laws regulating construction or the performance of work.

This permit shall become null and void if the work is not commenced within 180 days for the date of issuance, or if the work is suspended or abandoned for a period of 180 days from the last inspection.

PERMIT CONDITIONS:

1: FIRE CONDITIONS
- A site investigation/assessment is required prior to taking a tank permanently out of service.
- TANKS MAY BE REMOVED ONLY AFTER FIRE DEPARTMENT INSPECTION.
- Two (2) 20 BC portable fire extinguishers are to be on site within 50 ft. of the operation.
- Work are shall be cordoned off or be enclosed in a fenced yard.
- “No Smoking” signs must be posted in readily visible locations.
- Remove all flammable or combustible liquids from tank and from connecting lines.
- Tanks shall be inerted and must be certified gas free by a Marine Chemist or Petroleum Industry Safety Engineer regularly engaged in that business, prior to removal.
- All exterior above-grade fill and vent piping shall be permanently removed.
- Tanks shall be disposed of in accordance with federal, state and local regulations.
- Call twenty-four (24) hours prior to removal to arrange the required fire department inspections.

PERMIT INSPECTIONS REQUIRED

TANK REMOVAL FINAL [____]

Comment_____Date_____

International Fire Code Edition:	2018		
International Building Code Edition:	2018	National Electrical Code:	2020
International Residential Code Edition:	2018	WA Cities Electrical Code:	2020
International Mechanical Code Edition:	2018	WAC 296-46B:	2020
Uniform Plumbing Code Edition:	2018	WA State Energy Code:	2018
International Fuel Gas Code:	2018		

All provisions of law and ordinances governing this work will be complied with, whether specified herein or not.

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Copy Blair Richard (CoT)

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1: FIRE CONDITIONS
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- Remove all flammable or combustible liquids from tank and from connecting lines.
- Tanks shall be inerted and must be certified gas free by a Marine Chemist or Petroleum Industry Safety Engineer regularly engaged in that business, prior to removal.
- All exterior above-grade fill and vent piping shall be permanently removed.
- Tanks shall be disposed of in accordance with federal, state and local regulations.
- Call twenty-four (24) hours prior to removal to arrange the required fire department inspections.

PERMIT INSPECTIONS REQUIRED

TANK REMOVAL FINAL ☑

Comment Fire final Passed Date 8/17/23

Earl Bush PSRFA

Earl Bu

Marine Vacuum Service, Inc.
GENERAL CONTRACTOR
CONTRACTORS LICENSE # MARINVS097JA

P0. Box 24263 Seattle, WA 98124
Telephone (206) 762-0240
FAX (206) 763-8084
1-800-540-7491

MARINE VACUUM SERVICE, INC.
TANK WASH CERTIFICATE

Tank Size: 10 X 15,000 Gallon Tanks

Last Contents: DIESEL

Marine Vacuum Service, Inc. certifies that the above mentioned tank(s) have been cleaned in accordance with the industry standard and that all rinsate has been disposed of in accordance with Federal, State and Local regulations.

M.V.S. Representative: _____

Date: AUGUST 9 – 14, 2024

***** This certificate does not certify the tank or space for hot work.

Marine Vacuum Service, Inc.
GENERAL CONTRACTOR
CONTRACTORS LICENSE # MARINVS097JA

P0. Box 24263 Seattle, WA 98124
Telephone (206) 762-0240
FAX (206) 763-8084
1-800-540-7491

MARINE VACUUM SERVICE, INC.
TANK WASH CERTIFICATE

Tank Size: 8 X 12,000 Gallon Tanks

Last Contents: DIESEL

Marine Vacuum Service, Inc. certifies that the above mentioned tank(s) have been cleaned in accordance with the industry standard and that all rinsate has been disposed of in accordance with Federal, State and Local regulations.

M.V.S. Representative: _____

Date: AUGUST 9 – 14, 2024

***** This certificate does not certify the tank or space for hot work.

Appendix E - Photo Log
UST Decommissioning and Site Assessment Report
Former Jorgensen Forge Property



Photo 1: North Tank Vault, exposing UST-26 in preparation for removal. View to the west.



Photo 2: North Tank Vault, exposing UST-28 in preparation for removal. View to the west.



Photo 3: North Tank Vault, last two tanks prepared for removal. View to the south southwest.



Photo 4: North Tank Vault, tanks staged for transport. The tank fragments on the left side were tanks previously filled with sand, which were cut open to empty. View to the north.



Photo 5: North Tank Vault, loading a tank for recycling. View to the southwest.



Photo 6: North Tank Vault, emptied of tanks and backfill, prior to removal of the concrete vault. View to the northwest.



Photo 7: North Tank Vault, product piping removal. View to the north northwest.



Photo 8: North Tank Vault, southernmost end of the product piping. The piping had been cut just inside the foundation wall of the aluminum building. A cap was still present on the end of the pipe.



Photo 9: North Tank Vault, removal of the concrete vault structure. View to the north.



Photo 10: North Tank Vault, backfilling the tank excavation. View to the west northwest.



Photo 11: North Tank Vault, following final paving and site restoration. View to the south southwest.



Photo 12: South Tank Vault, removal of UST-15. View to the southwest.



Photo 13: South Tank Vault, tank prepared for removal. View to the west.



Photo 14: South Tank Vault, tank staged for transport. Note the condition of the tanks from the South Tank Vault in comparison to those from the North Tank Vault. View to the west.



Photo 15: South Tank Vault, loading a tank for recycling. View to the west.



Photo 16: South Tank Vault, example of a pinhole caused by corrosion. These were visible on multiple tanks.



Photo 17: South Tank Vault, emptied of tanks and backfill, prior to removal of the concrete vault. View to the south southwest.



Photo 18: South Tank Vault, backfilling the excavation. View to the south southwest.



Photo 19: South Tank Vault, single product line visible entering the foundation underneath of the former Aluminum Building, along with a small electrical conduit. View to the north northeast.



Photo 20: South Tank Vault, product line running from left to right (north to south), where it joins two other lines that used to stub up through the concrete slab floor. Those lines appeared to have been cut and bent at some point in the past. View to the east.



Photo 21: South Tank Vault, product piping running north towards a utilidor. View to the north.



Photo 22: South Tank Vault, product piping in the utilidor following removal of the concrete top. Note there are more pipes visible in the utilidor than were visible running towards the former tanks. Several of the pipes had been cut and/or capped at some point in the past. View to the south southwest.



Photo 23: South Tank Vault, product piping in the utilidor following removal of the concrete top. Note there are more pipes visible in the utilidor than were visible running towards the former tanks. Several of the pipes had been cut and/or capped at some point in the past. View to the south southwest.



Photo 24: South Tank Vault, following final paving and site restoration. View to the south.

Practical Environmental Compliance Solutions

Offices In: Anchorage | Tacoma | Portland

September 6 , 2023
ECI Project No.: 0520-40

Underground Storage Tank Decommissioning Certification

This is a statement of Underground Storage Tank Decommissioning provided by EcoCon, Inc. (ECI). ECI states this decommissioning has occurred under the supervision of an ICC Certified UST Decommissioner following the local and state rules and regulations as defined by the Uniform Fire Code (UFC) and Washington Administrative Code (WAC). Following Puget Sound Regional Fire Department certification, the USTs were excavated and transported off site and disposed at a local recycling facility.

Project Client:	CGI, Inc.
Project Name:	Jorgensen Forge
Project Address:	8531 E. Marginal Way S, Tukwila, WA 98108
Type of Decommissioning:	Excavation and removal from sub-surface
UST Installation Date:	Unknown
UST Decommissioning Date:	August 14, 2023
Permit Issuance Date:	May 26, 2023
UST(s) Total Gallons:	10-13,500g Heating oil
UST(s) Construction:	Steel Single Wall Construction
Tank Numbers:	26, 27, 28, 29,30, 31, 32, 33, 34, 35

Certified UST Decommissioner: **Brad Reilly**
Certification Number: **8289423– Exp: 03/04/2024**

Brad N. Reilly

September 6. 2023
Date

ECI | Environmental Services
Phone: (253) 921-7059 | Fax: (253) 369-6228 | brad@alleci.com

Practical Environmental Compliance Solutions

Offices In: Anchorage | Tacoma | Portland

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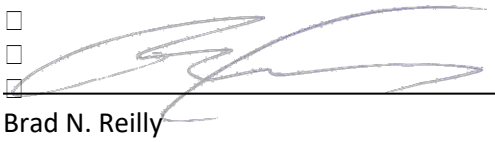
UST Decommissioning Date:	August 14, 2023
Permit Issuance Date:	May 26, 2023
UST(s) Total Gallons:	8-12,000g Heating oil
UST(s) Construction:	Steel Single Wall Construction
Tank Numbers:	15, 16, 17, 18, 19, 20, 21, 22

Certified UST Decommissioner: **Brad Reilly**
Certification Number: **8289423– Exp: 03/04/2024**



Brad N. Reilly

September 6. 2023
Date

ECI | Environmental Services
Phone: (253) 921-7059 | Fax: (253) 369-6228 | brad@alleci.com

DANGEROUS WASTE DESIGNATION FORM

Former Jorgensen Forge Site – UST Vault Concrete

A. WASTE STREAM NAME AND GENERATION INFORMATION

Waste Stream Name: Tank Vault Concrete

Generation Process: Concrete Removal

RCRA ID Number that waste will be managed under:	**Total Quantity and/or Estimated Generation rate:**
NA	~ 300 cubic yards
Other Descriptions (i.e. Shop, Project, Etc.):	

B. WASTE PROPERTIES, CHARACTERISTICS, and CONSTITUENTS:

Physical State:
- ☒Solid (pass paint filter)
- ☐Solid w/freestanding or absorbed liquid
- ☐Liquid (If liquid, indicate if the liquid is:
  - ☐Single Layer
  - ☐Multi-layer

pH:
- ☐< 2 **[D002]**
- ☐> 2 but < 12.5
- ☒N/A
- ☐> 12.5 **[D002]**

Flashpoint:
- ☐< 140 °F **[D001]**
- ☐> 140 °F but < 200 °F
- ☒N/A
- ☐> 200 °F

Characteristic

- ☐Ignitable **[D001]**
- ☐Corrosive **[D002]**
- ☐Reactive **[D003]**
- ☐Toxic **[D004 – D043]**

List Here:

PCB Content

- ☒Not Detected **[non TSCA or State Regulated]**
- ☐Not Sampled
- ☐≥ 2 ppm and < 50 ppm **[Potentially TSCA Regulated or State Regulated PCB Waste-WPCB]**
- ☐≥ 50 ppm **[TSCA Regulated]**
- ☐< 1 ppm

Note:
IF WASTE STREAM IS BEING MANAGED AS TSCA WASTE, DO NOT USE WPCB STATE CODE PER WAC 173-303-071(3)(k)

TCLP Metals

- ☐Arsenic ≥ 5.0 mg/L **[D004]**
- ☐Barium ≥ 100.0 mg/L **[D005]**
- ☐Cadmium ≥ 1.0 mg/L **[D006]**
- ☐Chromium ≥ 5.0 mg/L **[D007]**
- ☐Lead ≥ 5.0 mg/L **[D008]**
- ☐Mercury ≥ 0.2 mg/L **[D009]**
- ☐Selenium ≥ 1.0 mg/L **[D010]**
- ☐Silver ≥ 5.0 mg/L **[D011]**

Check if:
- ☐Assumed
- ☐TCLP Conducted
- ☒TCLP Not Conducted

Comments:

Total Metals

☒mg/kg ☐ug/kg ☐mg/L ☐ug/L

Arsenic:		☒ND
Barium:	70	☐ND
Cadmium:		☒ND
Chromium:	23	☐ND
Copper:	75	☐ND
Lead:		☒ND
Mercury:		☒ND
Nickel:	430	☐ND
Selenium:		☒ND
Silver:	5	☐ND
Zinc:	47	☐ND

Comments:

Physical Composition (list all constituents, including debris, any absorbents, liquid range, etc.).

Constituent	**Volume (Range %)**
Concrete	90-100
Misc debris	0 - 10

C. LISTED WASTE

☐ **Discarded Listed Chemical Product (U or P List):**
☐ **Listed Source Waste (F or K List):**
☒ **Not Applicable:**

D. WA STATE CRITERIA WASTE

☐**Not applicable per WAC 173-303-070(5): Further designation will not change the generator status or change the way the waste must be managed.**

WA Toxic Criteria Equivalent Concentration (E.C):		WA Persistent Criteria Total HOC		WA Persistent Criteria Total PAH	
☒ **< 0.001 %**	**[not a Toxic Criteria DW]**	☒ **< 0.01 %**	**[NOT APPLICABLE]**	☒ **< 1.0%**	**[NOT APPLICABLE]**
☐ **0.001 ≥ 1.0 %**	**[WT02 – DW]**	☐ **0.01 to 1.0%**	**[WP02 – DW]**	☐ **> 1.0%**	**[WP03 – EHW]**
☐ **≥ 1.0%**	**[WT01 – EHW]**	☐ **> 1.0 %**	**[WP01 – EHW]**		

DW: Dangerous Waste EHW: Extremely Hazardous Waste HOC: Halogenated Organic Compounds PAH: Polycyclic Aromatic Hydrocarbons

E. ADDITIONAL INFORMATION (Describe any additional information about the waste (e.g. process knowledge statement, regulatory exemptions, assumptions made, etc.)

A Washington State toxic criteria book designation was conducted in accordance with WAC 173-303-100. The calculated equivalent concentration value was greater than 0.001%, resulting in an initial criteria waste designation of WT02. A follow-up fish bioassay was performed in accordance with WAC 173-303-110(3)(b), *Biological Testing Methods for the Designation of Dangerous Waste Method 80-12*, which resulted in zero mortality, which refutes the initial WT02 designation. **This waste stream is therefore designated as non-dangerous waste.**

Attachments:
☐ **Field Report**
☐ **Sample Log**
☒ **Laboratory Data** (OnSite Environmental Lab Report 2308-161 and 2308-161B)
☒ **Dangerous Waste Toxic Equivalent Concentration Calculation**
☒ **Biological Testing Method 80-12 (Fish Bioassay)**
☐ **Other:**

F. WASTE DESIGNATION SUMMARY

☐ **RCRA Hazardous Waste**
USDOT Proper Shipping Name:
RCRA Waste Codes:

☐ **TSCA Regulated Waste**
TSCA Description:

☒ **Non-Hazardous Solid Waste/RCRA Exempt/RCRA Excluded**
Description: Non-hazardous waste, solid

Designation Performed by: Nathan Moxley, LHG
Title: Senior Geologist Date: 08-28-2023

Designation Reviewed by: Stacy Fox, CHMM
Title: Senior Project Manager Date: 08-28-2023

[illegible]

Analyte	CAS	Concentration*	Toxicity	Toxic Category	Concentration (mass %) X	A	B	C	D
TOTAL METALS by 6010C/7471B									
[illegible]	[illegible]	[illegible]	[illegible]	B					
[illegible]	[illegible]	[illegible]	[illegible]	NOT APPLICABLE					
[illegible]	[illegible]	[illegible]	[illegible]	X					
[illegible]	[illegible]	[illegible]	[illegible]	C				2.30E-03	
[illegible]	[illegible]	[illegible]	[illegible]	A		7.50E-03			
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	A					
[illegible]	[illegible]	[illegible]	[illegible]	C					4.30E-02
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	X	5.00E-04				
[illegible]	[illegible]	[illegible]	[illegible]	B			4.70E-03		
VOLATILES by EPA 8260C									
[illegible]	[illegible]	[illegible]	[illegible]	NOT APPLICABLE					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
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[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	B					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					

[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
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[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
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[illegible]	[illegible]	[illegible]	[illegible]	C					
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[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	A					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	NOT APPLICABLE					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
PCBs by EPA 8082A									
[illegible]	[illegible]	[illegible]	[illegible]	B					
[illegible]	[illegible]	[illegible]	[illegible]	C					

		D		C					
	3	D		A					
		D		A					
		D		B					
	11096-82-5	D		B					
PAHs by EPA 8270D/SIM									
	3	D		C					
		D		D					
		D		D					
		D		C					
	3 3	D		C					
	3	D		B					
		D		A					
		D		X					
		D		C					
		D		C					
	3	D		C					
		D		C					
	3	D		C					
	3 3	D		C					
	3 3	D		C					
		D		C					
Total (SUM)					**0.0005000**	**0.0075000**	**0.0047000**	**0.0023000**	**0.0430**

	∑X% / 1	∑A% / 10	∑B% / 100	∑C% / 1000	∑D% / 10000	EC	Designation
		3	3	3	3		
				3	3	**0.0013036**	**WT02**

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		D d u e D i
	3	D e i ed e ir e

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

August 17, 2023

David Hill
DH Environmental, Inc.
1011 SW Klickitat Way, Suite 107
Seattle, WA 98103

Re: Analytical Data for Project Star Forge WO-1
Laboratory Reference No. 2308-161

Dear David:

Enclosed are the analytical results and associated quality control data for samples submitted on August 15, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 17, 2023
Samples Submitted: August 15, 2023
Laboratory Reference: 2308-161
Project: Star Forge WO-1

Case Narrative

Samples were collected on August 14 and 15, 2023 and received by the laboratory on August 15, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Volatiles EPA 8260D (Solid) Analysis

Method 5035A VOA vials were not provided for sample N. Tanks Concrete. The sample was therefore extracted from a 4-ounce jar. Some loss of volatiles may have occurred.

The percent recovery for surrogate Dibromofluoromethane is outside of the control limits for sample N. Tanks Concrete due to sample matrix effects. The sample was reanalyzed with similar results.

The percent recovery for Methylene Chloride is outside the control limits in the Spike Blank Duplicate. The method allows for a percentage of the compounds to fall outside of the control limits due to the large number of analytes being spiked.

Total Metals EPA 6010D/7471B Analysis

The sample result is reported on a wet weight basis.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

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Date of Report: August 17, 2023
Samples Submitted: August 15, 2023
Laboratory Reference: 2308-161
Project: Star Forge WO-1

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Solid
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**N. Tanks Concrete**					
Laboratory ID:	08-161-01					
Dichlorodifluoromethane	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
Chloromethane	ND	0.0097	EPA 8260D	8-15-23	8-15-23	
Vinyl Chloride	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
Bromomethane	ND	0.0097	EPA 8260D	8-15-23	8-15-23	
Chloroethane	ND	0.0097	EPA 8260D	8-15-23	8-15-23	
Trichlorofluoromethane	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
1,1-Dichloroethene	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
Acetone	ND	0.019	EPA 8260D	8-15-23	8-15-23	
Iodomethane	ND	0.013	EPA 8260D	8-15-23	8-15-23	
Carbon Disulfide	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
Methylene Chloride	ND	0.016	EPA 8260D	8-15-23	8-15-23	
(trans) 1,2-Dichloroethene	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
Methyl t-Butyl Ether	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
1,1-Dichloroethane	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
Vinyl Acetate	ND	0.0097	EPA 8260D	8-15-23	8-15-23	
2,2-Dichloropropane	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
(cis) 1,2-Dichloroethene	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
2-Butanone	ND	0.0097	EPA 8260D	8-15-23	8-15-23	
Bromochloromethane	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
Chloroform	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
1,1,1-Trichloroethane	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
Carbon Tetrachloride	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
1,1-Dichloropropene	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
Benzene	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
1,2-Dichloroethane	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
Trichloroethene	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
1,2-Dichloropropane	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
Dibromomethane	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
Bromodichloromethane	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
2-Chloroethyl Vinyl Ether	ND	0.0097	EPA 8260D	8-15-23	8-15-23	
(cis) 1,3-Dichloropropene	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
Methyl Isobutyl Ketone	ND	0.0097	EPA 8260D	8-15-23	8-15-23	
Toluene	ND	0.0097	EPA 8260D	8-15-23	8-15-23	

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Date of Report: August 17, 2023
Samples Submitted: August 15, 2023
Laboratory Reference: 2308-161
Project: Star Forge WO-1

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**N. Tanks Concrete**					
Laboratory ID:	08-161-01					
(trans) 1,3-Dichloropropene	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
1,1,2-Trichloroethane	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
Tetrachloroethene	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
1,3-Dichloropropane	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
2-Hexanone	ND	0.0097	EPA 8260D	8-15-23	8-15-23	
Dibromochloromethane	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
1,2-Dibromoethane	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
Chlorobenzene	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
1,1,1,2-Tetrachloroethane	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
Ethylbenzene	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
m,p-Xylene	ND	0.0039	EPA 8260D	8-15-23	8-15-23	
o-Xylene	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
Styrene	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
Bromoform	ND	0.0097	EPA 8260D	8-15-23	8-15-23	
Isopropylbenzene	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
Bromobenzene	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
1,1,2,2-Tetrachloroethane	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
1,2,3-Trichloropropane	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
n-Propylbenzene	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
2-Chlorotoluene	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
4-Chlorotoluene	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
1,3,5-Trimethylbenzene	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
tert-Butylbenzene	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
1,2,4-Trimethylbenzene	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
sec-Butylbenzene	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
1,3-Dichlorobenzene	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
p-Isopropyltoluene	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
1,4-Dichlorobenzene	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
1,2-Dichlorobenzene	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
n-Butylbenzene	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
1,2-Dibromo-3-chloropropane	ND	0.0097	EPA 8260D	8-15-23	8-15-23	
1,2,4-Trichlorobenzene	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
Hexachlorobutadiene	ND	0.0097	EPA 8260D	8-15-23	8-15-23	
Naphthalene	ND	0.0097	EPA 8260D	8-15-23	8-15-23	
1,2,3-Trichlorobenzene	ND	0.0019	EPA 8260D	8-15-23	8-15-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*27*	*75-130*				Q,
Toluene-d8	*109*	*78-128*				
4-Bromofluorobenzene	*98*	*71-130*				

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Date of Report: August 17, 2023
Samples Submitted: August 15, 2023
Laboratory Reference: 2308-161
Project: Star Forge WO-1

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 1 of 2

Matrix: Solid
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0815S2					
Dichlorodifluoromethane	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
Chloromethane	ND	0.0050	EPA 8260D	8-15-23	8-15-23	
Vinyl Chloride	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
Bromomethane	ND	0.0050	EPA 8260D	8-15-23	8-15-23	
Chloroethane	ND	0.0050	EPA 8260D	8-15-23	8-15-23	
Trichlorofluoromethane	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
1,1-Dichloroethene	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
Acetone	ND	0.010	EPA 8260D	8-15-23	8-15-23	
Iodomethane	ND	0.0068	EPA 8260D	8-15-23	8-15-23	
Carbon Disulfide	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
Methylene Chloride	ND	0.0080	EPA 8260D	8-15-23	8-15-23	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
1,1-Dichloroethane	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
Vinyl Acetate	ND	0.0050	EPA 8260D	8-15-23	8-15-23	
2,2-Dichloropropane	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
2-Butanone	ND	0.0050	EPA 8260D	8-15-23	8-15-23	
Bromochloromethane	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
Chloroform	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
Carbon Tetrachloride	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
1,1-Dichloropropene	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
Benzene	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
1,2-Dichloroethane	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
Trichloroethene	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
1,2-Dichloropropane	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
Dibromomethane	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
Bromodichloromethane	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260D	8-15-23	8-15-23	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260D	8-15-23	8-15-23	
Toluene	ND	0.0050	EPA 8260D	8-15-23	8-15-23	

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Date of Report: August 17, 2023
Samples Submitted: August 15, 2023
Laboratory Reference: 2308-161
Project: Star Forge WO-1

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0815S2					
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
1,1,2-Trichloroethane	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
1,3-Dichloropropane	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
2-Hexanone	ND	0.0050	EPA 8260D	8-15-23	8-15-23	
Dibromochloromethane	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
1,2-Dibromoethane	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
Chlorobenzene	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
Ethylbenzene	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
m,p-Xylene	ND	0.0020	EPA 8260D	8-15-23	8-15-23	
o-Xylene	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
Styrene	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
Bromoform	ND	0.0050	EPA 8260D	8-15-23	8-15-23	
Isopropylbenzene	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
Bromobenzene	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
n-Propylbenzene	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
2-Chlorotoluene	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
4-Chlorotoluene	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
tert-Butylbenzene	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
sec-Butylbenzene	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
p-Isopropyltoluene	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
n-Butylbenzene	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260D	8-15-23	8-15-23	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
Hexachlorobutadiene	ND	0.0050	EPA 8260D	8-15-23	8-15-23	
Naphthalene	ND	0.0050	EPA 8260D	8-15-23	8-15-23	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260D	8-15-23	8-15-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*102*	*75-130*				
Toluene-d8	*108*	*78-128*				
4-Bromofluorobenzene	*100*	*71-130*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 17, 2023
Samples Submitted: August 15, 2023
Laboratory Reference: 2308-161
Project: Star Forge WO-1

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 1 of 2

Matrix: Solid
Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0815S2									
	SB	SBD	SB	SBD	SB	SBD				
Dichlorodifluoromethane	**0.0587**	**0.0577**	0.0500	0.0500	117	115	30-160	2	26	
Chloromethane	**0.0469**	**0.0443**	0.0500	0.0500	94	89	59-131	6	26	
Vinyl Chloride	**0.0530**	**0.0524**	0.0500	0.0500	106	105	68-136	1	23	
Bromomethane	**0.0672**	**0.0701**	0.0500	0.0500	134	140	48-155	4	32	
Chloroethane	**0.0530**	**0.0511**	0.0500	0.0500	106	102	67-141	4	16	
Trichlorofluoromethane	**0.0577**	**0.0565**	0.0500	0.0500	115	113	76-127	2	19	
1,1-Dichloroethene	**0.0573**	**0.0564**	0.0500	0.0500	115	113	75-129	2	19	
Acetone	**0.0536**	**0.0583**	0.0500	0.0500	107	117	49-158	8	37	
Iodomethane	**0.0367**	**0.0397**	0.0500	0.0500	73	79	37-140	8	27	
Carbon Disulfide	**0.0474**	**0.0455**	0.0500	0.0500	95	91	41-143	4	19	
Methylene Chloride	**0.0584**	**0.0688**	0.0500	0.0500	117	138	60-124	16	18	I
(trans) 1,2-Dichloroethene	**0.0559**	**0.0544**	0.0500	0.0500	112	109	79-133	3	15	
Methyl t-Butyl Ether	**0.0586**	**0.0569**	0.0500	0.0500	117	114	73-125	3	17	
1,1-Dichloroethane	**0.0548**	**0.0559**	0.0500	0.0500	110	112	79-125	2	17	
Vinyl Acetate	**0.0517**	**0.0545**	0.0500	0.0500	103	109	51-145	5	41	
2,2-Dichloropropane	**0.0619**	**0.0605**	0.0500	0.0500	124	121	79-126	2	18	
(cis) 1,2-Dichloroethene	**0.0565**	**0.0560**	0.0500	0.0500	113	112	75-131	1	15	
2-Butanone	**0.0510**	**0.0594**	0.0500	0.0500	102	119	54-145	15	32	
Bromochloromethane	**0.0567**	**0.0552**	0.0500	0.0500	113	110	80-126	3	15	
Chloroform	**0.0567**	**0.0562**	0.0500	0.0500	113	112	80-123	1	15	
1,1,1-Trichloroethane	**0.0575**	**0.0564**	0.0500	0.0500	115	113	78-124	2	21	
Carbon Tetrachloride	**0.0604**	**0.0619**	0.0500	0.0500	121	124	74-127	2	18	
1,1-Dichloropropene	**0.0583**	**0.0551**	0.0500	0.0500	117	110	80-123	6	15	
Benzene	**0.0577**	**0.0560**	0.0500	0.0500	115	112	80-122	3	18	
1,2-Dichloroethane	**0.0580**	**0.0552**	0.0500	0.0500	116	110	75-124	5	15	
Trichloroethene	**0.0554**	**0.0575**	0.0500	0.0500	111	115	80-129	4	18	
1,2-Dichloropropane	**0.0537**	**0.0552**	0.0500	0.0500	107	110	80-123	3	15	
Dibromomethane	**0.0529**	**0.0543**	0.0500	0.0500	106	109	80-123	3	15	
Bromodichloromethane	**0.0555**	**0.0572**	0.0500	0.0500	111	114	80-129	3	15	
(cis) 1,3-Dichloropropene	**0.0572**	**0.0589**	0.0500	0.0500	114	118	80-130	3	15	
Methyl Isobutyl Ketone	**0.0532**	**0.0611**	0.0500	0.0500	106	122	63-137	14	27	
Toluene	**0.0512**	**0.0534**	0.0500	0.0500	102	107	80-120	4	18	
(trans) 1,3-Dichloropropene	**0.0553**	**0.0562**	0.0500	0.0500	111	112	80-124	2	15	

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Date of Report: August 17, 2023
Samples Submitted: August 15, 2023
Laboratory Reference: 2308-161
Project: Star Forge WO-1

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0815S2									
	SB	SBD	SB	SBD	SB	SBD				
1,1,2-Trichloroethane	**0.0524**	**0.0518**	0.0500	0.0500	105	104	80-120	1	15	
Tetrachloroethene	**0.0541**	**0.0529**	0.0500	0.0500	108	106	77-126	2	15	
1,3-Dichloropropane	**0.0500**	**0.0517**	0.0500	0.0500	100	103	77-123	3	15	
2-Hexanone	**0.0492**	**0.0535**	0.0500	0.0500	98	107	53-137	8	29	
Dibromochloromethane	**0.0547**	**0.0556**	0.0500	0.0500	109	111	80-128	2	16	
1,2-Dibromoethane	**0.0512**	**0.0529**	0.0500	0.0500	102	106	80-122	3	20	
Chlorobenzene	**0.0505**	**0.0510**	0.0500	0.0500	101	102	80-120	1	18	
1,1,1,2-Tetrachloroethane	**0.0527**	**0.0523**	0.0500	0.0500	105	105	80-120	1	15	
Ethylbenzene	**0.0516**	**0.0518**	0.0500	0.0500	103	104	80-120	0	15	
m,p-Xylene	**0.101**	**0.104**	0.100	0.100	101	104	80-120	3	15	
o-Xylene	**0.0502**	**0.0507**	0.0500	0.0500	100	101	80-120	1	15	
Styrene	**0.0514**	**0.0534**	0.0500	0.0500	103	107	80-122	4	15	
Bromoform	**0.0566**	**0.0574**	0.0500	0.0500	113	115	78-126	1	15	
Isopropylbenzene	**0.0520**	**0.0524**	0.0500	0.0500	104	105	80-125	1	15	
Bromobenzene	**0.0476**	**0.0510**	0.0500	0.0500	95	102	79-124	7	15	
1,1,2,2-Tetrachloroethane	**0.0490**	**0.0521**	0.0500	0.0500	98	104	75-122	6	17	
1,2,3-Trichloropropane	**0.0498**	**0.0541**	0.0500	0.0500	100	108	72-125	8	20	
n-Propylbenzene	**0.0485**	**0.0502**	0.0500	0.0500	97	100	77-126	3	16	
2-Chlorotoluene	**0.0471**	**0.0501**	0.0500	0.0500	94	100	75-128	6	15	
4-Chlorotoluene	**0.0496**	**0.0508**	0.0500	0.0500	99	102	78-127	2	16	
1,3,5-Trimethylbenzene	**0.0489**	**0.0514**	0.0500	0.0500	98	103	77-128	5	15	
tert-Butylbenzene	**0.0483**	**0.0498**	0.0500	0.0500	97	100	73-130	3	20	
1,2,4-Trimethylbenzene	**0.0489**	**0.0514**	0.0500	0.0500	98	103	77-125	5	16	
sec-Butylbenzene	**0.0493**	**0.0504**	0.0500	0.0500	99	101	75-130	2	17	
1,3-Dichlorobenzene	**0.0497**	**0.0525**	0.0500	0.0500	99	105	78-123	5	17	
p-Isopropyltoluene	**0.0499**	**0.0514**	0.0500	0.0500	100	103	75-130	3	18	
1,4-Dichlorobenzene	**0.0501**	**0.0516**	0.0500	0.0500	100	103	77-121	3	17	
1,2-Dichlorobenzene	**0.0490**	**0.0516**	0.0500	0.0500	98	103	80-120	5	15	
n-Butylbenzene	**0.0509**	**0.0528**	0.0500	0.0500	102	106	76-131	4	20	
1,2-Dibromo-3-chloropropane	**0.0563**	**0.0614**	0.0500	0.0500	113	123	61-137	9	28	
1,2,4-Trichlorobenzene	**0.0515**	**0.0559**	0.0500	0.0500	103	112	77-127	8	17	
Hexachlorobutadiene	**0.0507**	**0.0545**	0.0500	0.0500	101	109	77-125	7	22	
Naphthalene	**0.0515**	**0.0555**	0.0500	0.0500	103	111	68-129	7	19	
1,2,3-Trichlorobenzene	**0.0516**	**0.0555**	0.0500	0.0500	103	111	77-124	7	19	
Surrogate:										
Dibromofluoromethane					*103*	*99*	*75-130*			
Toluene-d8					*106*	*112*	*78-128*			
4-Bromofluorobenzene					*100*	*101*	*71-130*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 17, 2023
Samples Submitted: August 15, 2023
Laboratory Reference: 2308-161
Project: Star Forge WO-1

VOLATILE ORGANICS EPA 8260D
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**OWS-15**					
Laboratory ID:	08-161-02					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	8-16-23	8-16-23	
Chloromethane	ND	1.0	EPA 8260D	8-16-23	8-16-23	
Vinyl Chloride	ND	0.20	EPA 8260D	8-16-23	8-16-23	
Bromomethane	ND	1.0	EPA 8260D	8-16-23	8-16-23	
Chloroethane	ND	1.0	EPA 8260D	8-16-23	8-16-23	
Trichlorofluoromethane	ND	0.20	EPA 8260D	8-16-23	8-16-23	
1,1-Dichloroethene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
Acetone	ND	6.4	EPA 8260D	8-16-23	8-16-23	
Iodomethane	ND	7.3	EPA 8260D	8-16-23	8-16-23	
Carbon Disulfide	ND	0.20	EPA 8260D	8-16-23	8-16-23	
Methylene Chloride	ND	1.0	EPA 8260D	8-16-23	8-16-23	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	8-16-23	8-16-23	
1,1-Dichloroethane	ND	0.20	EPA 8260D	8-16-23	8-16-23	
Vinyl Acetate	ND	1.0	EPA 8260D	8-16-23	8-16-23	
2,2-Dichloropropane	ND	0.20	EPA 8260D	8-16-23	8-16-23	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
2-Butanone	ND	5.0	EPA 8260D	8-16-23	8-16-23	
Bromochloromethane	ND	0.20	EPA 8260D	8-16-23	8-16-23	
Chloroform	ND	0.20	EPA 8260D	8-16-23	8-16-23	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	8-16-23	8-16-23	
Carbon Tetrachloride	ND	0.20	EPA 8260D	8-16-23	8-16-23	
1,1-Dichloropropene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
Benzene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
1,2-Dichloroethane	ND	0.20	EPA 8260D	8-16-23	8-16-23	
Trichloroethene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
1,2-Dichloropropane	ND	0.20	EPA 8260D	8-16-23	8-16-23	
Dibromomethane	ND	0.20	EPA 8260D	8-16-23	8-16-23	
Bromodichloromethane	ND	0.20	EPA 8260D	8-16-23	8-16-23	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	8-16-23	8-16-23	
Toluene	ND	1.0	EPA 8260D	8-16-23	8-16-23	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	8-16-23	8-16-23	

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Date of Report: August 17, 2023
Samples Submitted: August 15, 2023
Laboratory Reference: 2308-161
Project: Star Forge WO-1

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**OWS-15**					
Laboratory ID:	08-161-02					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	8-16-23	8-16-23	
Tetrachloroethene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
1,3-Dichloropropane	ND	0.20	EPA 8260D	8-16-23	8-16-23	
2-Hexanone	ND	2.0	EPA 8260D	8-16-23	8-16-23	
Dibromochloromethane	ND	0.20	EPA 8260D	8-16-23	8-16-23	
1,2-Dibromoethane	ND	0.20	EPA 8260D	8-16-23	8-16-23	
Chlorobenzene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	8-16-23	8-16-23	
Ethylbenzene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
m,p-Xylene	ND	0.40	EPA 8260D	8-16-23	8-16-23	
o-Xylene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
Styrene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
Bromoform	ND	1.0	EPA 8260D	8-16-23	8-16-23	
Isopropylbenzene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
Bromobenzene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	8-16-23	8-16-23	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	8-16-23	8-16-23	
n-Propylbenzene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
2-Chlorotoluene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
4-Chlorotoluene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
tert-Butylbenzene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
sec-Butylbenzene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
p-Isopropyltoluene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
n-Butylbenzene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	8-16-23	8-16-23	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
Hexachlorobutadiene	ND	1.0	EPA 8260D	8-16-23	8-16-23	
Naphthalene	ND	1.0	EPA 8260D	8-16-23	8-16-23	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*90*	*75-127*				
Toluene-d8	*97*	*80-127*				
4-Bromofluorobenzene	*100*	*78-125*				

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Date of Report: August 17, 2023
Samples Submitted: August 15, 2023
Laboratory Reference: 2308-161
Project: Star Forge WO-1

VOLATILE ORGANICS EPA 8260D
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**LP-water**					
Laboratory ID:	08-161-03					
Dichlorodifluoromethane	ND	2.0	EPA 8260D	8-16-23	8-16-23	
Chloromethane	ND	10	EPA 8260D	8-16-23	8-16-23	
Vinyl Chloride (SIM)	ND	0.20	EPA 8260D/SIM	8-16-23	8-16-23	
Bromomethane	ND	10	EPA 8260D	8-16-23	8-16-23	
Chloroethane	ND	10	EPA 8260D	8-16-23	8-16-23	
Trichlorofluoromethane	ND	2.0	EPA 8260D	8-16-23	8-16-23	
1,1-Dichloroethene	ND	2.0	EPA 8260D	8-16-23	8-16-23	
Acetone	ND	64	EPA 8260D	8-16-23	8-16-23	
Iodomethane	ND	73	EPA 8260D	8-16-23	8-16-23	
Carbon Disulfide	ND	2.0	EPA 8260D	8-16-23	8-16-23	
Methylene Chloride	ND	10	EPA 8260D	8-16-23	8-16-23	
(trans) 1,2-Dichloroethene	ND	2.0	EPA 8260D	8-16-23	8-16-23	
Methyl t-Butyl Ether	ND	2.0	EPA 8260D	8-16-23	8-16-23	
1,1-Dichloroethane	ND	2.0	EPA 8260D	8-16-23	8-16-23	
Vinyl Acetate	ND	10	EPA 8260D	8-16-23	8-16-23	
2,2-Dichloropropane	ND	2.0	EPA 8260D	8-16-23	8-16-23	
(cis) 1,2-Dichloroethene	ND	2.0	EPA 8260D	8-16-23	8-16-23	
2-Butanone	ND	50	EPA 8260D	8-16-23	8-16-23	
Bromochloromethane	ND	2.0	EPA 8260D	8-16-23	8-16-23	
Chloroform	ND	2.0	EPA 8260D	8-16-23	8-16-23	
1,1,1-Trichloroethane	ND	2.0	EPA 8260D	8-16-23	8-16-23	
Carbon Tetrachloride	ND	2.0	EPA 8260D	8-16-23	8-16-23	
1,1-Dichloropropene	ND	2.0	EPA 8260D	8-16-23	8-16-23	
Benzene	ND	2.0	EPA 8260D	8-16-23	8-16-23	
1,2-Dichloroethane	ND	2.0	EPA 8260D	8-16-23	8-16-23	
Trichloroethene	ND	2.0	EPA 8260D	8-16-23	8-16-23	
1,2-Dichloropropane	ND	2.0	EPA 8260D	8-16-23	8-16-23	
Dibromomethane	ND	2.0	EPA 8260D	8-16-23	8-16-23	
Bromodichloromethane	ND	2.0	EPA 8260D	8-16-23	8-16-23	
(cis) 1,3-Dichloropropene	ND	2.0	EPA 8260D	8-16-23	8-16-23	
Methyl Isobutyl Ketone	ND	20	EPA 8260D	8-16-23	8-16-23	
Toluene	ND	10	EPA 8260D	8-16-23	8-16-23	

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Date of Report: August 17, 2023
Samples Submitted: August 15, 2023
Laboratory Reference: 2308-161
Project: Star Forge WO-1

VOLATILE ORGANICS EPA 8260D
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**LP-water**					
Laboratory ID:	08-161-03					
(trans) 1,3-Dichloropropene	ND	2.0	EPA 8260D	8-16-23	8-16-23	
1,1,2-Trichloroethane	ND	2.0	EPA 8260D	8-16-23	8-16-23	
Tetrachloroethene	ND	2.0	EPA 8260D	8-16-23	8-16-23	
1,3-Dichloropropane	ND	2.0	EPA 8260D	8-16-23	8-16-23	
2-Hexanone	ND	20	EPA 8260D	8-16-23	8-16-23	
Dibromochloromethane	ND	2.0	EPA 8260D	8-16-23	8-16-23	
1,2-Dibromoethane	ND	2.0	EPA 8260D	8-16-23	8-16-23	
Chlorobenzene	ND	2.0	EPA 8260D	8-16-23	8-16-23	
1,1,1,2-Tetrachloroethane	ND	2.0	EPA 8260D	8-16-23	8-16-23	
Ethylbenzene	ND	2.0	EPA 8260D	8-16-23	8-16-23	
m,p-Xylene	ND	4.0	EPA 8260D	8-16-23	8-16-23	
o-Xylene	ND	2.0	EPA 8260D	8-16-23	8-16-23	
Styrene	ND	2.0	EPA 8260D	8-16-23	8-16-23	
Bromoform	ND	10	EPA 8260D	8-16-23	8-16-23	
Isopropylbenzene	ND	2.0	EPA 8260D	8-16-23	8-16-23	
Bromobenzene	ND	2.0	EPA 8260D	8-16-23	8-16-23	
1,1,2,2-Tetrachloroethane	ND	2.0	EPA 8260D	8-16-23	8-16-23	
1,2,3-Trichloropropane	ND	2.0	EPA 8260D	8-16-23	8-16-23	
n-Propylbenzene	ND	2.0	EPA 8260D	8-16-23	8-16-23	
2-Chlorotoluene	ND	2.0	EPA 8260D	8-16-23	8-16-23	
4-Chlorotoluene	ND	2.0	EPA 8260D	8-16-23	8-16-23	
1,3,5-Trimethylbenzene	ND	2.0	EPA 8260D	8-16-23	8-16-23	
tert-Butylbenzene	ND	2.0	EPA 8260D	8-16-23	8-16-23	
1,2,4-Trimethylbenzene	ND	2.0	EPA 8260D	8-16-23	8-16-23	
sec-Butylbenzene	ND	2.0	EPA 8260D	8-16-23	8-16-23	
1,3-Dichlorobenzene	ND	2.0	EPA 8260D	8-16-23	8-16-23	
p-Isopropyltoluene	ND	2.0	EPA 8260D	8-16-23	8-16-23	
1,4-Dichlorobenzene	ND	2.0	EPA 8260D	8-16-23	8-16-23	
1,2-Dichlorobenzene	ND	2.0	EPA 8260D	8-16-23	8-16-23	
n-Butylbenzene	ND	2.0	EPA 8260D	8-16-23	8-16-23	
1,2-Dibromo-3-chloropropane	ND	10	EPA 8260D	8-16-23	8-16-23	
1,2,4-Trichlorobenzene	ND	2.0	EPA 8260D	8-16-23	8-16-23	
Hexachlorobutadiene	ND	10	EPA 8260D	8-16-23	8-16-23	
Naphthalene	ND	10	EPA 8260D	8-16-23	8-16-23	
1,2,3-Trichlorobenzene	ND	2.0	EPA 8260D	8-16-23	8-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*91*	*75-127*				
Toluene-d8	*97*	*80-127*				
4-Bromofluorobenzene	*98*	*78-125*				

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Date of Report: August 17, 2023
Samples Submitted: August 15, 2023
Laboratory Reference: 2308-161
Project: Star Forge WO-1

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0816W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	8-16-23	8-16-23	
Chloromethane	ND	1.0	EPA 8260D	8-16-23	8-16-23	
Vinyl Chloride (SIM)	ND	0.020	EPA 8260D/SIM	8-16-23	8-16-23	
Bromomethane	ND	1.0	EPA 8260D	8-16-23	8-16-23	
Chloroethane	ND	1.0	EPA 8260D	8-16-23	8-16-23	
Trichlorofluoromethane	ND	0.20	EPA 8260D	8-16-23	8-16-23	
1,1-Dichloroethene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
Acetone	ND	6.4	EPA 8260D	8-16-23	8-16-23	
Iodomethane	ND	7.3	EPA 8260D	8-16-23	8-16-23	
Carbon Disulfide	ND	0.20	EPA 8260D	8-16-23	8-16-23	
Methylene Chloride	ND	1.0	EPA 8260D	8-16-23	8-16-23	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	8-16-23	8-16-23	
1,1-Dichloroethane	ND	0.20	EPA 8260D	8-16-23	8-16-23	
Vinyl Acetate	ND	1.0	EPA 8260D	8-16-23	8-16-23	
2,2-Dichloropropane	ND	0.20	EPA 8260D	8-16-23	8-16-23	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
2-Butanone	ND	5.0	EPA 8260D	8-16-23	8-16-23	
Bromochloromethane	ND	0.20	EPA 8260D	8-16-23	8-16-23	
Chloroform	ND	0.20	EPA 8260D	8-16-23	8-16-23	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	8-16-23	8-16-23	
Carbon Tetrachloride	ND	0.20	EPA 8260D	8-16-23	8-16-23	
1,1-Dichloropropene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
Benzene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
1,2-Dichloroethane	ND	0.20	EPA 8260D	8-16-23	8-16-23	
Trichloroethene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
1,2-Dichloropropane	ND	0.20	EPA 8260D	8-16-23	8-16-23	
Dibromomethane	ND	0.20	EPA 8260D	8-16-23	8-16-23	
Bromodichloromethane	ND	0.20	EPA 8260D	8-16-23	8-16-23	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	8-16-23	8-16-23	
Toluene	ND	1.0	EPA 8260D	8-16-23	8-16-23	

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Date of Report: August 17, 2023
Samples Submitted: August 15, 2023
Laboratory Reference: 2308-161
Project: Star Forge WO-1

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0816W1					
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	8-16-23	8-16-23	
Tetrachloroethene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
1,3-Dichloropropane	ND	0.20	EPA 8260D	8-16-23	8-16-23	
2-Hexanone	ND	2.0	EPA 8260D	8-16-23	8-16-23	
Dibromochloromethane	ND	0.20	EPA 8260D	8-16-23	8-16-23	
1,2-Dibromoethane	ND	0.20	EPA 8260D	8-16-23	8-16-23	
Chlorobenzene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	8-16-23	8-16-23	
Ethylbenzene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
m,p-Xylene	ND	0.40	EPA 8260D	8-16-23	8-16-23	
o-Xylene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
Styrene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
Bromoform	ND	1.0	EPA 8260D	8-16-23	8-16-23	
Isopropylbenzene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
Bromobenzene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	8-16-23	8-16-23	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	8-16-23	8-16-23	
n-Propylbenzene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
2-Chlorotoluene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
4-Chlorotoluene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
tert-Butylbenzene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
sec-Butylbenzene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
p-Isopropyltoluene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
n-Butylbenzene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	8-16-23	8-16-23	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
Hexachlorobutadiene	ND	1.0	EPA 8260D	8-16-23	8-16-23	
Naphthalene	ND	1.0	EPA 8260D	8-16-23	8-16-23	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	8-16-23	8-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*88*	*75-127*				
Toluene-d8	*95*	*80-127*				
4-Bromofluorobenzene	*98*	*78-125*				

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Date of Report: August 17, 2023
Samples Submitted: August 15, 2023
Laboratory Reference: 2308-161
Project: Star Forge WO-1

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0816W1									
	SB	SBD	SB	SBD	SB	SBD				
Dichlorodifluoromethane	**9.83**	**10.0**	10.0	10.0	98	100	34-166	2	21	
Chloromethane	**10.3**	**10.6**	10.0	10.0	103	106	63-138	3	18	
Vinyl Chloride	**10.8**	**10.9**	10.0	10.0	108	109	71-135	1	20	
Bromomethane	**9.19**	**11.1**	10.0	10.0	92	111	20-151	19	36	
Chloroethane	**9.11**	**9.45**	10.0	10.0	91	95	76-125	4	20	
Trichlorofluoromethane	**9.44**	**9.87**	10.0	10.0	94	99	75-131	4	19	
1,1-Dichloroethene	**9.23**	**9.33**	10.0	10.0	92	93	78-125	1	19	
Acetone	**7.83**	**8.55**	10.0	10.0	78	86	76-125	9	18	
Iodomethane	**6.84**	**7.49**	10.0	10.0	68	75	10-155	9	40	
Carbon Disulfide	**8.90**	**8.60**	10.0	10.0	89	86	58-129	3	17	
Methylene Chloride	**8.74**	**8.89**	10.0	10.0	87	89	80-120	2	15	
(trans) 1,2-Dichloroethene	**9.27**	**9.51**	10.0	10.0	93	95	80-125	3	17	
Methyl t-Butyl Ether	**9.15**	**9.26**	10.0	10.0	92	93	80-122	1	15	
1,1-Dichloroethane	**9.20**	**9.27**	10.0	10.0	92	93	80-125	1	17	
Vinyl Acetate	**9.23**	**9.07**	10.0	10.0	92	91	80-131	2	15	
2,2-Dichloropropane	**11.3**	**11.6**	10.0	10.0	113	116	80-146	3	21	
(cis) 1,2-Dichloroethene	**9.64**	**9.91**	10.0	10.0	96	99	80-129	3	17	
2-Butanone	**8.77**	**9.06**	10.0	10.0	88	91	80-129	3	16	
Bromochloromethane	**9.59**	**9.59**	10.0	10.0	96	96	80-125	0	18	
Chloroform	**9.23**	**9.29**	10.0	10.0	92	93	80-123	1	16	
1,1,1-Trichloroethane	**9.09**	**9.39**	10.0	10.0	91	94	80-123	3	18	
Carbon Tetrachloride	**9.12**	**9.35**	10.0	10.0	91	94	80-126	2	17	
1,1-Dichloropropene	**9.20**	**9.42**	10.0	10.0	92	94	80-126	2	18	
Benzene	**9.30**	**9.42**	10.0	10.0	93	94	80-121	1	16	
1,2-Dichloroethane	**9.07**	**9.07**	10.0	10.0	91	91	80-124	0	15	
Trichloroethene	**9.22**	**9.51**	10.0	10.0	92	95	80-122	3	18	
1,2-Dichloropropane	**9.52**	**9.73**	10.0	10.0	95	97	80-123	2	15	
Dibromomethane	**9.87**	**9.77**	10.0	10.0	99	98	80-123	1	15	
Bromodichloromethane	**10.2**	**10.4**	10.0	10.0	102	104	80-125	2	15	
(cis) 1,3-Dichloropropene	**11.1**	**11.3**	10.0	10.0	111	113	80-129	2	15	
Methyl Isobutyl Ketone	**9.65**	**9.71**	10.0	10.0	97	97	80-124	1	15	
Toluene	**8.78**	**8.89**	10.0	10.0	88	89	80-120	1	18	
(trans) 1,3-Dichloropropene	**10.9**	**10.9**	10.0	10.0	109	109	80-134	0	17	

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Date of Report: August 17, 2023
Samples Submitted: August 15, 2023
Laboratory Reference: 2308-161
Project: Star Forge WO-1

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0816W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1,2-Trichloroethane	**10.5**	**10.7**	10.0	10.0	105	107	77-126	2	20	
Tetrachloroethene	**9.89**	**9.44**	10.0	10.0	99	94	80-124	5	18	
1,3-Dichloropropane	**10.3**	**10.4**	10.0	10.0	103	104	80-120	1	15	
2-Hexanone	**9.47**	**10.1**	10.0	10.0	95	101	80-130	6	16	
Dibromochloromethane	**9.43**	**9.94**	10.0	10.0	94	99	80-128	5	15	
1,2-Dibromoethane	**10.7**	**11.1**	10.0	10.0	107	111	80-127	4	15	
Chlorobenzene	**10.4**	**10.6**	10.0	10.0	104	106	80-120	2	17	
1,1,1,2-Tetrachloroethane	**11.0**	**11.4**	10.0	10.0	110	114	80-125	4	17	
Ethylbenzene	**10.4**	**10.7**	10.0	10.0	104	107	80-125	3	18	
m,p-Xylene	**20.9**	**21.4**	20.0	20.0	105	107	80-127	2	18	
o-Xylene	**10.3**	**10.6**	10.0	10.0	103	106	80-126	3	18	
Styrene	**10.9**	**11.1**	10.0	10.0	109	111	80-130	2	17	
Bromoform	**11.4**	**11.5**	10.0	10.0	114	115	80-130	1	15	
Isopropylbenzene	**10.6**	**11.0**	10.0	10.0	106	110	80-129	4	18	
Bromobenzene	**10.7**	**11.6**	10.0	10.0	107	116	76-128	8	16	
1,1,2,2-Tetrachloroethane	**12.0**	**12.6**	10.0	10.0	120	126	74-130	5	15	
1,2,3-Trichloropropane	**10.8**	**11.4**	10.0	10.0	108	114	71-129	5	25	
n-Propylbenzene	**11.6**	**12.2**	10.0	10.0	116	122	80-129	5	19	
2-Chlorotoluene	**11.3**	**11.9**	10.0	10.0	113	119	80-128	5	18	
4-Chlorotoluene	**11.6**	**12.2**	10.0	10.0	116	122	80-130	5	19	
1,3,5-Trimethylbenzene	**11.4**	**11.9**	10.0	10.0	114	119	80-131	4	18	
tert-Butylbenzene	**11.0**	**11.7**	10.0	10.0	110	117	80-130	6	18	
1,2,4-Trimethylbenzene	**11.2**	**11.7**	10.0	10.0	112	117	80-130	4	18	
sec-Butylbenzene	**11.5**	**12.2**	10.0	10.0	115	122	80-130	6	18	
1,3-Dichlorobenzene	**11.1**	**11.7**	10.0	10.0	111	117	80-126	5	17	
p-Isopropyltoluene	**11.7**	**12.5**	10.0	10.0	117	125	80-132	7	18	
1,4-Dichlorobenzene	**10.9**	**11.3**	10.0	10.0	109	113	80-121	4	17	
1,2-Dichlorobenzene	**10.5**	**11.3**	10.0	10.0	105	113	79-125	7	15	
n-Butylbenzene	**12.7**	**13.4**	10.0	10.0	127	134	80-138	5	19	
1,2-Dibromo-3-chloropropane	**10.0**	**10.9**	10.0	10.0	100	109	73-133	9	15	
1,2,4-Trichlorobenzene	**12.3**	**12.7**	10.0	10.0	123	127	80-139	3	18	
Hexachlorobutadiene	**12.0**	**13.2**	10.0	10.0	120	132	80-151	10	18	
Naphthalene	**11.0**	**12.2**	10.0	10.0	110	122	68-144	10	25	
1,2,3-Trichlorobenzene	**11.9**	**12.8**	10.0	10.0	119	128	75-146	7	28	
Surrogate:										
Dibromofluoromethane					*90*	*92*	*75-127*			
Toluene-d8					*95*	*97*	*80-127*			
4-Bromofluorobenzene					*103*	*106*	*78-125*			

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Date of Report: August 17, 2023
Samples Submitted: August 15, 2023
Laboratory Reference: 2308-161
Project: Star Forge WO-1

PAHs EPA 8270E/SIM

Matrix: Solid
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**N. Tanks Concrete**					
Laboratory ID:	08-161-01					
Naphthalene	**ND**	0.0067	EPA 8270E/SIM	8-16-23	8-17-23	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270E/SIM	8-16-23	8-17-23	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270E/SIM	8-16-23	8-17-23	
Acenaphthylene	**ND**	0.0067	EPA 8270E/SIM	8-16-23	8-17-23	
Acenaphthene	**ND**	0.0067	EPA 8270E/SIM	8-16-23	8-17-23	
Fluorene	**ND**	0.0067	EPA 8270E/SIM	8-16-23	8-17-23	
Phenanthrene	**ND**	0.0067	EPA 8270E/SIM	8-16-23	8-17-23	
Anthracene	**ND**	0.0067	EPA 8270E/SIM	8-16-23	8-17-23	
Fluoranthene	**ND**	0.0067	EPA 8270E/SIM	8-16-23	8-17-23	
Pyrene	**ND**	0.0067	EPA 8270E/SIM	8-16-23	8-17-23	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270E/SIM	8-16-23	8-17-23	
Chrysene	**ND**	0.0067	EPA 8270E/SIM	8-16-23	8-17-23	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270E/SIM	8-16-23	8-17-23	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270E/SIM	8-16-23	8-17-23	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270E/SIM	8-16-23	8-17-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0067	EPA 8270E/SIM	8-16-23	8-17-23	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270E/SIM	8-16-23	8-17-23	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270E/SIM	8-16-23	8-17-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*81*	*39-111*				
Pyrene-d10	*76*	*47-114*				
Terphenyl-d14	*81*	*44-121*				

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Samples Submitted: August 15, 2023
Laboratory Reference: 2308-161
Project: Star Forge WO-1

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0816S1					
Naphthalene	**ND**	0.0033	EPA 8270E/SIM	8-16-23	8-17-23	
2-Methylnaphthalene	**ND**	0.0033	EPA 8270E/SIM	8-16-23	8-17-23	
1-Methylnaphthalene	**ND**	0.0033	EPA 8270E/SIM	8-16-23	8-17-23	
Acenaphthylene	**ND**	0.0033	EPA 8270E/SIM	8-16-23	8-17-23	
Acenaphthene	**ND**	0.0033	EPA 8270E/SIM	8-16-23	8-17-23	
Fluorene	**ND**	0.0033	EPA 8270E/SIM	8-16-23	8-17-23	
Phenanthrene	**ND**	0.0033	EPA 8270E/SIM	8-16-23	8-17-23	
Anthracene	**ND**	0.0033	EPA 8270E/SIM	8-16-23	8-17-23	
Fluoranthene	**ND**	0.0033	EPA 8270E/SIM	8-16-23	8-17-23	
Pyrene	**ND**	0.0033	EPA 8270E/SIM	8-16-23	8-17-23	
Benzo[a]anthracene	**ND**	0.0033	EPA 8270E/SIM	8-16-23	8-17-23	
Chrysene	**ND**	0.0033	EPA 8270E/SIM	8-16-23	8-17-23	
Benzo[b]fluoranthene	**ND**	0.0033	EPA 8270E/SIM	8-16-23	8-17-23	
Benzo(j,k)fluoranthene	**ND**	0.0033	EPA 8270E/SIM	8-16-23	8-17-23	
Benzo[a]pyrene	**ND**	0.0033	EPA 8270E/SIM	8-16-23	8-17-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0033	EPA 8270E/SIM	8-16-23	8-17-23	
Dibenz[a,h]anthracene	**ND**	0.0033	EPA 8270E/SIM	8-16-23	8-17-23	
Benzo[g,h,i]perylene	**ND**	0.0033	EPA 8270E/SIM	8-16-23	8-17-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*80*	*39-111*				
Pyrene-d10	*79*	*47-114*				
Terphenyl-d14	*82*	*44-121*				

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Laboratory Reference: 2308-161
Project: Star Forge WO-1

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0816S1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.0705**	**0.0717**	0.0833	0.0833	85	86	57-116	2	16	
Acenaphthylene	**0.0738**	**0.0799**	0.0833	0.0833	89	96	59-124	8	15	
Acenaphthene	**0.0719**	**0.0759**	0.0833	0.0833	86	91	59-124	5	15	
Fluorene	**0.0747**	**0.0775**	0.0833	0.0833	90	93	62-122	4	15	
Phenanthrene	**0.0731**	**0.0748**	0.0833	0.0833	88	90	62-119	2	15	
Anthracene	**0.0761**	**0.0798**	0.0833	0.0833	91	96	64-123	5	15	
Fluoranthene	**0.0735**	**0.0751**	0.0833	0.0833	88	90	63-123	2	15	
Pyrene	**0.0731**	**0.0750**	0.0833	0.0833	88	90	62-124	3	15	
Benzo[a]anthracene	**0.0788**	**0.0796**	0.0833	0.0833	95	96	59-131	1	15	
Chrysene	**0.0722**	**0.0752**	0.0833	0.0833	87	90	61-124	4	15	
Benzo[b]fluoranthene	**0.0815**	**0.0850**	0.0833	0.0833	98	102	60-126	4	15	
Benzo(j,k)fluoranthene	**0.0711**	**0.0732**	0.0833	0.0833	85	88	63-121	3	17	
Benzo[a]pyrene	**0.0790**	**0.0819**	0.0833	0.0833	95	98	60-122	4	15	
Indeno(1,2,3-c,d)pyrene	**0.0813**	**0.0875**	0.0833	0.0833	98	105	58-127	7	15	
Dibenz[a,h]anthracene	**0.0856**	**0.0887**	0.0833	0.0833	103	106	60-124	4	15	
Benzo[g,h,i]perylene	**0.0782**	**0.0812**	0.0833	0.0833	94	97	58-124	4	15	
Surrogate:										
2-Fluorobiphenyl					*77*	*81*	*39-111*			
Pyrene-d10					*78*	*79*	*47-114*			
Terphenyl-d14					*83*	*82*	*44-121*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 17, 2023
Samples Submitted: August 15, 2023
Laboratory Reference: 2308-161
Project: Star Forge WO-1

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**OWS-15**					
Laboratory ID:	08-161-02					
Naphthalene	**ND**	0.019	EPA 8270E/SIM	8-16-23	8-17-23	
2-Methylnaphthalene	**ND**	0.095	EPA 8270E/SIM	8-16-23	8-17-23	
1-Methylnaphthalene	**ND**	0.095	EPA 8270E/SIM	8-16-23	8-17-23	
Acenaphthylene	**ND**	0.095	EPA 8270E/SIM	8-16-23	8-17-23	
Acenaphthene	**ND**	0.21	EPA 8270E/SIM	8-16-23	8-17-23	U1
Fluorene	**ND**	0.095	EPA 8270E/SIM	8-16-23	8-17-23	
Phenanthrene	**ND**	0.095	EPA 8270E/SIM	8-16-23	8-17-23	
Anthracene	**ND**	0.095	EPA 8270E/SIM	8-16-23	8-17-23	
Fluoranthene	**ND**	0.095	EPA 8270E/SIM	8-16-23	8-17-23	
Pyrene	**ND**	0.095	EPA 8270E/SIM	8-16-23	8-17-23	
Benzo[a]anthracene	**0.031**	0.0095	EPA 8270E/SIM	8-16-23	8-17-23	
Chrysene	**0.044**	0.0095	EPA 8270E/SIM	8-16-23	8-17-23	
Benzo[b]fluoranthene	**0.058**	0.0095	EPA 8270E/SIM	8-16-23	8-17-23	
Benzo(j,k)fluoranthene	**0.043**	0.0095	EPA 8270E/SIM	8-16-23	8-17-23	
Benzo[a]pyrene	**0.029**	0.0095	EPA 8270E/SIM	8-16-23	8-17-23	
Indeno(1,2,3-c,d)pyrene	**0.065**	0.0095	EPA 8270E/SIM	8-16-23	8-17-23	
Dibenz[a,h]anthracene	**0.057**	0.0095	EPA 8270E/SIM	8-16-23	8-17-23	
Benzo[g,h,i]perylene	**0.052**	0.0095	EPA 8270E/SIM	8-16-23	8-17-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*60*	*26-106*				
Pyrene-d10	*54*	*45-104*				
Terphenyl-d14	*74*	*43-114*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 17, 2023
Samples Submitted: August 15, 2023
Laboratory Reference: 2308-161
Project: Star Forge WO-1

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**LP-water**					
Laboratory ID:	08-161-03					
Naphthalene	**6.2**	4.8	EPA 8270E/SIM	8-16-23	8-17-23	
2-Methylnaphthalene	**ND**	24	EPA 8270E/SIM	8-16-23	8-17-23	
1-Methylnaphthalene	**ND**	24	EPA 8270E/SIM	8-16-23	8-17-23	
Acenaphthylene	**ND**	24	EPA 8270E/SIM	8-16-23	8-17-23	
Acenaphthene	**ND**	24	EPA 8270E/SIM	8-16-23	8-17-23	
Fluorene	**ND**	24	EPA 8270E/SIM	8-16-23	8-17-23	
Phenanthrene	**49**	24	EPA 8270E/SIM	8-16-23	8-17-23	
Anthracene	**ND**	24	EPA 8270E/SIM	8-16-23	8-17-23	
Fluoranthene	**ND**	24	EPA 8270E/SIM	8-16-23	8-17-23	
Pyrene	**ND**	24	EPA 8270E/SIM	8-16-23	8-17-23	
Benzo[a]anthracene	**ND**	2.4	EPA 8270E/SIM	8-16-23	8-17-23	
Chrysene	**13**	2.4	EPA 8270E/SIM	8-16-23	8-17-23	
Benzo[b]fluoranthene	**ND**	2.4	EPA 8270E/SIM	8-16-23	8-17-23	
Benzo(j,k)fluoranthene	**ND**	2.4	EPA 8270E/SIM	8-16-23	8-17-23	
Benzo[a]pyrene	**ND**	2.4	EPA 8270E/SIM	8-16-23	8-17-23	
Indeno(1,2,3-c,d)pyrene	**ND**	2.4	EPA 8270E/SIM	8-16-23	8-17-23	
Dibenz[a,h]anthracene	**ND**	2.4	EPA 8270E/SIM	8-16-23	8-17-23	
Benzo[g,h,i]perylene	**ND**	2.4	EPA 8270E/SIM	8-16-23	8-17-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	---	*26-106*				S
Pyrene-d10	---	*45-104*				S
Terphenyl-d14	---	*43-114*				S

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 17, 2023
Samples Submitted: August 15, 2023
Laboratory Reference: 2308-161
Project: Star Forge WO-1

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0816W1					
Naphthalene	**ND**	0.020	EPA 8270E/SIM	8-16-23	8-17-23	
2-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	8-16-23	8-17-23	
1-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	8-16-23	8-17-23	
Acenaphthylene	**ND**	0.10	EPA 8270E/SIM	8-16-23	8-17-23	
Acenaphthene	**ND**	0.10	EPA 8270E/SIM	8-16-23	8-17-23	
Fluorene	**ND**	0.10	EPA 8270E/SIM	8-16-23	8-17-23	
Phenanthrene	**ND**	0.10	EPA 8270E/SIM	8-16-23	8-17-23	
Anthracene	**ND**	0.10	EPA 8270E/SIM	8-16-23	8-17-23	
Fluoranthene	**ND**	0.10	EPA 8270E/SIM	8-16-23	8-17-23	
Pyrene	**ND**	0.10	EPA 8270E/SIM	8-16-23	8-17-23	
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	8-16-23	8-17-23	
Chrysene	**ND**	0.010	EPA 8270E/SIM	8-16-23	8-17-23	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270E/SIM	8-16-23	8-17-23	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	8-16-23	8-17-23	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	8-16-23	8-17-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	8-16-23	8-17-23	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	8-16-23	8-17-23	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270E/SIM	8-16-23	8-17-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*44*	*26-106*				
Pyrene-d10	*63*	*45-104*				
Terphenyl-d14	*70*	*43-114*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 17, 2023
Samples Submitted: August 15, 2023
Laboratory Reference: 2308-161
Project: Star Forge WO-1

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0816W1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.291**	**0.346**	0.500	0.500	58	69	35 - 84	17	34	
Acenaphthylene	**0.403**	**0.462**	0.500	0.500	81	92	44 - 97	14	29	
Acenaphthene	**0.352**	**0.401**	0.500	0.500	70	80	40 - 93	13	29	
Fluorene	**0.375**	**0.422**	0.500	0.500	75	84	46 - 97	12	24	
Phenanthrene	**0.373**	**0.421**	0.500	0.500	75	84	49 - 102	12	21	
Anthracene	**0.388**	**0.441**	0.500	0.500	78	88	50 - 99	13	21	
Fluoranthene	**0.383**	**0.427**	0.500	0.500	77	85	53 - 107	11	21	
Pyrene	**0.375**	**0.422**	0.500	0.500	75	84	52 - 111	12	23	
Benzo[a]anthracene	**0.421**	**0.472**	0.500	0.500	84	94	51 - 119	11	20	
Chrysene	**0.393**	**0.433**	0.500	0.500	79	87	52 - 113	10	21	
Benzo[b]fluoranthene	**0.428**	**0.464**	0.500	0.500	86	93	50 - 116	8	24	
Benzo(j,k)fluoranthene	**0.390**	**0.446**	0.500	0.500	78	89	54 - 113	13	22	
Benzo[a]pyrene	**0.416**	**0.465**	0.500	0.500	83	93	52 - 110	11	21	
Indeno(1,2,3-c,d)pyrene	**0.459**	**0.508**	0.500	0.500	92	102	55 - 114	10	21	
Dibenz[a,h]anthracene	**0.471**	**0.530**	0.500	0.500	94	106	55 - 111	12	19	
Benzo[g,h,i]perylene	**0.431**	**0.486**	0.500	0.500	86	97	52 - 111	12	20	
Surrogate:										
2-Fluorobiphenyl					*61*	*65*	*26-106*			
Pyrene-d10					*67*	*72*	*45-104*			
Terphenyl-d14					*72*	*77*	*43-114*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 17, 2023
Samples Submitted: August 15, 2023
Laboratory Reference: 2308-161
Project: Star Forge WO-1

PCBs EPA 8082A

Matrix: Solid
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**N. Tanks Concrete**					
Laboratory ID:	08-161-01					
Aroclor 1016	**ND**	1.0	EPA 8082A	8-15-23	8-16-23	
Aroclor 1221	**ND**	1.0	EPA 8082A	8-15-23	8-16-23	
Aroclor 1232	**ND**	1.0	EPA 8082A	8-15-23	8-16-23	
Aroclor 1242	**ND**	1.0	EPA 8082A	8-15-23	8-16-23	
Aroclor 1248	**ND**	1.0	EPA 8082A	8-15-23	8-16-23	
Aroclor 1254	**ND**	1.0	EPA 8082A	8-15-23	8-16-23	
Aroclor 1260	**ND**	1.0	EPA 8082A	8-15-23	8-16-23	
Aroclor 1262	**ND**	1.0	EPA 8082A	8-15-23	8-16-23	
Aroclor 1268	**ND**	1.0	EPA 8082A	8-15-23	8-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*114*	*50-127*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 17, 2023
Samples Submitted: August 15, 2023
Laboratory Reference: 2308-161
Project: Star Forge WO-1

PCBs EPA 8082A
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0815S1					
Aroclor 1016	**ND**	1.0	EPA 8082A	8-15-23	8-15-23	
Aroclor 1221	**ND**	1.0	EPA 8082A	8-15-23	8-15-23	
Aroclor 1232	**ND**	1.0	EPA 8082A	8-15-23	8-15-23	
Aroclor 1242	**ND**	1.0	EPA 8082A	8-15-23	8-15-23	
Aroclor 1248	**ND**	1.0	EPA 8082A	8-15-23	8-15-23	
Aroclor 1254	**ND**	1.0	EPA 8082A	8-15-23	8-15-23	
Aroclor 1260	**ND**	1.0	EPA 8082A	8-15-23	8-15-23	
Aroclor 1262	**ND**	1.0	EPA 8082A	8-15-23	8-15-23	
Aroclor 1268	**ND**	1.0	EPA 8082A	8-15-23	8-15-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*88*	*50-127*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	08-157-03										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	**0.353**	**0.361**	0.500	0.500	ND	**71**	**72**	41-121	2	28	
Surrogate:											
DCB						*83*	*84*	*50-127*			

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Date of Report: August 17, 2023
Samples Submitted: August 15, 2023
Laboratory Reference: 2308-161
Project: Star Forge WO-1

PCBs EPA 8082A

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**OWS-15**					
Laboratory ID:	08-161-02					
Aroclor 1016	**ND**	0.050	EPA 8082A	8-15-23	8-16-23	
Aroclor 1221	**ND**	0.050	EPA 8082A	8-15-23	8-16-23	
Aroclor 1232	**ND**	0.050	EPA 8082A	8-15-23	8-16-23	
Aroclor 1242	**ND**	0.050	EPA 8082A	8-15-23	8-16-23	
Aroclor 1248	**ND**	0.050	EPA 8082A	8-15-23	8-16-23	
Aroclor 1254	**ND**	0.050	EPA 8082A	8-15-23	8-16-23	
Aroclor 1260	**ND**	0.050	EPA 8082A	8-15-23	8-16-23	
Aroclor 1262	**ND**	0.050	EPA 8082A	8-15-23	8-16-23	
Aroclor 1268	**ND**	0.050	EPA 8082A	8-15-23	8-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*112*	*55-138*				
Client ID:	**LP-water**					
Laboratory ID:	08-161-03					
Aroclor 1016	**ND**	25	EPA 8082A	8-16-23	8-17-23	
Aroclor 1221	**ND**	25	EPA 8082A	8-16-23	8-17-23	
Aroclor 1232	**ND**	25	EPA 8082A	8-16-23	8-17-23	
Aroclor 1242	**ND**	25	EPA 8082A	8-16-23	8-17-23	
Aroclor 1248	**ND**	25	EPA 8082A	8-16-23	8-17-23	
Aroclor 1254	**ND**	25	EPA 8082A	8-16-23	8-17-23	
Aroclor 1260	**ND**	25	EPA 8082A	8-16-23	8-17-23	
Aroclor 1262	**ND**	25	EPA 8082A	8-16-23	8-17-23	
Aroclor 1268	**ND**	25	EPA 8082A	8-16-23	8-17-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*---*	*55-138*				S, X

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Date of Report: August 17, 2023
Samples Submitted: August 15, 2023
Laboratory Reference: 2308-161
Project: Star Forge WO-1

PCBs EPA 8082A
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0815W1					
Aroclor 1016	**ND**	0.050	EPA 8082A	8-15-23	8-15-23	
Aroclor 1221	**ND**	0.050	EPA 8082A	8-15-23	8-15-23	
Aroclor 1232	**ND**	0.050	EPA 8082A	8-15-23	8-15-23	
Aroclor 1242	**ND**	0.050	EPA 8082A	8-15-23	8-15-23	
Aroclor 1248	**ND**	0.050	EPA 8082A	8-15-23	8-15-23	
Aroclor 1254	**ND**	0.050	EPA 8082A	8-15-23	8-15-23	
Aroclor 1260	**ND**	0.050	EPA 8082A	8-15-23	8-15-23	
Aroclor 1262	**ND**	0.050	EPA 8082A	8-15-23	8-15-23	
Aroclor 1268	**ND**	0.050	EPA 8082A	8-15-23	8-15-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*78*	*55-138*				
Laboratory ID:	MB0816W1 MCU					
Aroclor 1016	**ND**	0.050	EPA 8082A	8-16-23	8-17-23	
Aroclor 1221	**ND**	0.050	EPA 8082A	8-16-23	8-17-23	
Aroclor 1232	**ND**	0.050	EPA 8082A	8-16-23	8-17-23	
Aroclor 1242	**ND**	0.050	EPA 8082A	8-16-23	8-17-23	
Aroclor 1248	**ND**	0.050	EPA 8082A	8-16-23	8-17-23	
Aroclor 1254	**ND**	0.050	EPA 8082A	8-16-23	8-17-23	
Aroclor 1260	**ND**	0.050	EPA 8082A	8-16-23	8-17-23	
Aroclor 1262	**ND**	0.050	EPA 8082A	8-16-23	8-17-23	
Aroclor 1268	**ND**	0.050	EPA 8082A	8-16-23	8-17-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*105*	*55-138*				X

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS											
Laboratory ID:	SB0815W1										
	SB	SBD	SB	SBD		SB	SBD				
Aroclor 1260	**0.337**	**0.354**	0.500	0.500	N/A	**67**	**71**	66-120	5	16	
Surrogate:											
DCB						*70*	*80*	*55-138*			
Laboratory ID:	SB0816W1										
	SB	SBD	SB	SBD		SB	SBD				
Aroclor 1260	**0.444**	**0.473**	0.500	0.500	N/A	**89**	**95**	66-120	6	16	
Surrogate:											
DCB						*102*	*98*	*55-138*			

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Date of Report: August 17, 2023
Samples Submitted: August 15, 2023
Laboratory Reference: 2308-161
Project: Star Forge WO-1

TOTAL METALS
EPA 6010D/7471B

Matrix: Solid
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**N. Tanks Concrete**					
Laboratory ID:	08-161-01					
Arsenic	**ND**	10	EPA 6010D	8-15-23	8-15-23	
Barium	**70**	2.5	EPA 6010D	8-15-23	8-15-23	
Cadmium	**ND**	0.50	EPA 6010D	8-15-23	8-15-23	
Chromium	**23**	0.50	EPA 6010D	8-15-23	8-15-23	
Copper	**75**	1.0	EPA 6010D	8-15-23	8-15-23	
Lead	**ND**	5.0	EPA 6010D	8-15-23	8-15-23	
Mercury	**ND**	0.25	EPA 7471B	8-15-23	8-15-23	
Nickel	**430**	2.5	EPA 6010D	8-15-23	8-15-23	
Selenium	**ND**	10	EPA 6010D	8-15-23	8-15-23	
Silver	**5.0**	1.0	EPA 6010D	8-15-23	8-16-23	
Zinc	**47**	2.5	EPA 6010D	8-15-23	8-15-23	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 17, 2023
Samples Submitted: August 15, 2023
Laboratory Reference: 2308-161
Project: Star Forge WO-1

TOTAL METALS
EPA 6010D/7471B
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0515SM2					
Arsenic	**ND**	10	EPA 6010D	8-15-23	8-15-23	
Barium	**ND**	2.5	EPA 6010D	8-15-23	8-15-23	
Cadmium	**ND**	0.50	EPA 6010D	8-15-23	8-15-23	
Chromium	**ND**	0.50	EPA 6010D	8-15-23	8-15-23	
Copper	**ND**	1.0	EPA 6010D	8-15-23	8-15-23	
Lead	**ND**	5.0	EPA 6010D	8-15-23	8-15-23	
Nickel	**ND**	2.5	EPA 6010D	8-15-23	8-15-23	
Selenium	**ND**	10	EPA 6010D	8-15-23	8-15-23	
Zinc	**ND**	2.5	EPA 6010D	8-15-23	8-15-23	
Laboratory ID:	MB0515S1					
Mercury	**ND**	0.25	EPA 7471B	8-15-23	8-15-23	
Laboratory ID:	MB0815SM1					
Silver	**ND**	1.0	EPA 6010D	8-15-23	8-15-23	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 17, 2023
Samples Submitted: August 15, 2023
Laboratory Reference: 2308-161
Project: Star Forge WO-1

TOTAL METALS
EPA 6010D/7471B
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg (ppm)

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	08-155-02										
	ORIG	DUP									
Arsenic	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Barium	**43.2**	**50.1**	NA	NA		NA		NA	15	20	
Cadmium	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Chromium	**13.3**	**14.2**	NA	NA		NA		NA	7	20	
Copper	**28.3**	**27.5**	NA	NA		NA		NA	3	20	
Lead	**22.9**	**22.2**	NA	NA		NA		NA	3	20	
Nickel	**26.3**	**23.7**	NA	NA		NA		NA	10	20	
Selenium	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Zinc	**52.1**	**62.5**	NA	NA		NA		NA	18	20	
Laboratory ID:	08-155-02										
Mercury	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Laboratory ID:	08-155-02										
	ORIG	DUP									
Silver	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	08-155-02										
	MS	MSD	MS	MSD		MS	MSD				
Arsenic	**94.8**	**94.8**	100	100	ND	**95**	**95**	75-125	0	20	
Barium	**138**	**142**	100	100	43.2	**95**	**99**	75-125	3	20	
Cadmium	**47.9**	**48.3**	50.0	50.0	ND	**96**	**97**	75-125	1	20	
Chromium	**106**	**110**	100	100	13.3	**93**	**97**	75-125	4	20	
Copper	**71.2**	**75.1**	50.0	50.0	28.3	**86**	**94**	75-125	5	20	
Lead	**256**	**258**	250	250	22.9	**93**	**94**	75-125	1	20	
Nickel	**117**	**121**	100	100	26.3	**90**	**95**	75-125	4	20	
Selenium	**98.0**	**98.9**	100	100	ND	**98**	**99**	75-125	1	20	
Zinc	**146**	**149**	100	100	52.1	**94**	**97**	75-125	2	20	
Laboratory ID:	08-155-02										
Mercury	**0.514**	**0.517**	0.500	0.500	0.0349	**96**	**96**	80-120	1	20	
Laboratory ID:	08-155-02										
	MS	MSD	MS	MSD		MS	MSD				
Silver	**22.4**	**21.0**	25.0	25.0	ND	**89**	**84**	75-125	6	20	

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Date of Report: August 17, 2023
Samples Submitted: August 15, 2023
Laboratory Reference: 2308-161
Project: Star Forge WO-1

TOTAL METALS
EPA 6010D/7470A

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**OWS-15**					
Laboratory ID:	08-161-02					
Arsenic	**ND**	200	EPA 6010D	8-16-23	8-16-23	
Barium	**ND**	50	EPA 6010D	8-16-23	8-16-23	
Cadmium	**ND**	10	EPA 6010D	8-16-23	8-16-23	
Chromium	**ND**	10	EPA 6010D	8-16-23	8-16-23	
Copper	**ND**	20	EPA 6010D	8-16-23	8-16-23	
Lead	**ND**	100	EPA 6010D	8-16-23	8-16-23	
Mercury	**ND**	0.50	EPA 7470A	8-17-23	8-17-23	
Nickel	**ND**	50	EPA 6010D	8-16-23	8-16-23	
Selenium	**ND**	200	EPA 6010D	8-16-23	8-16-23	
Silver	**ND**	20	EPA 6010D	8-16-23	8-16-23	
Zinc	**ND**	50	EPA 6010D	8-16-23	8-16-23	
Client ID:	**LP-water**					
Laboratory ID:	08-161-03					
Arsenic	**ND**	200	EPA 6010D	8-16-23	8-16-23	
Barium	**ND**	50	EPA 6010D	8-16-23	8-16-23	
Cadmium	**ND**	10	EPA 6010D	8-16-23	8-16-23	
Chromium	**ND**	10	EPA 6010D	8-16-23	8-16-23	
Copper	**ND**	20	EPA 6010D	8-16-23	8-16-23	
Lead	**ND**	100	EPA 6010D	8-16-23	8-16-23	
Mercury	**ND**	0.50	EPA 7470A	8-17-23	8-17-23	
Nickel	**ND**	50	EPA 6010D	8-16-23	8-16-23	
Selenium	**ND**	200	EPA 6010D	8-16-23	8-16-23	
Silver	**ND**	20	EPA 6010D	8-16-23	8-16-23	
Zinc	**ND**	50	EPA 6010D	8-16-23	8-16-23	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 17, 2023
Samples Submitted: August 15, 2023
Laboratory Reference: 2308-161
Project: Star Forge WO-1

TOTAL METALS
EPA 6010D /7470A
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0816WH2					
Arsenic	**ND**	200	EPA 6010D	8-16-23	8-16-23	
Barium	**ND**	50	EPA 6010D	8-16-23	8-16-23	
Cadmium	**ND**	10	EPA 6010D	8-16-23	8-16-23	
Chromium	**ND**	10	EPA 6010D	8-16-23	8-16-23	
Copper	**ND**	20	EPA 6010D	8-16-23	8-16-23	
Lead	**ND**	100	EPA 6010D	8-16-23	8-16-23	
Nickel	**ND**	50	EPA 6010D	8-16-23	8-16-23	
Selenium	**ND**	200	EPA 6010D	8-16-23	8-16-23	
Silver	**ND**	20	EPA 6010D	8-16-23	8-16-23	
Zinc	**ND**	50	EPA 6010D	8-16-23	8-16-23	
Laboratory ID:	MB0817W1					
Mercury	**ND**	0.50	EPA 7470A	8-17-23	8-17-23	

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Date of Report: August 17, 2023
Samples Submitted: August 15, 2023
Laboratory Reference: 2308-161
Project: Star Forge WO-1

TOTAL METALS
EPA 6010D /7470A
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result		Spike Level		Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	08-038-04									
	ORIG	DUP								
Arsenic	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Barium	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Cadmium	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Chromium	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Copper	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Lead	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Nickel	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Selenium	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Silver	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Zinc	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Laboratory ID:	08-158-01									
Mercury	**ND**	**ND**	NA	NA		NA	NA	NA	20	
MATRIX SPIKES										
Laboratory ID:	08-038-04									
	MS	MSD	MS	MSD		MS	MSD			
Arsenic	**1940**	**1870**	2000	2000	ND	**97**	**94**	75-125	3	20
Barium	**2070**	**2020**	2000	2000	ND	**103**	**101**	75-125	2	20
Cadmium	**977**	**953**	1000	1000	ND	**98**	**95**	75-125	2	20
Chromium	**2040**	**1980**	2000	2000	ND	**102**	**99**	75-125	3	20
Copper	**1010**	**993**	1000	1000	ND	**101**	**99**	75-125	2	20
Lead	**5150**	**5070**	5000	5000	ND	**103**	**101**	75-125	1	20
Nickel	**2020**	**1980**	2000	2000	ND	**101**	**99**	75-125	2	20
Selenium	**1960**	**1900**	2000	2000	ND	**98**	**95**	75-125	3	20
Silver	**470**	**459**	500	500	ND	**94**	**92**	75-125	2	20
Zinc	**2020**	**1970**	2000	2000	ND	**101**	**99**	75-125	3	20
Laboratory ID:	08-158-01									
Mercury	**5.98**	**6.03**	6.25	6.25	ND	**96**	**96**	75-125	1	20

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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Chain of Custody

Page 1 of 1

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: DH Environmental
Project Number:
Project Name: Star Forge WO-1
Project Manager: Dave Hill
Sampled by: N. Moxley / J. Brieve

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☒ 2 Days ~~☒ 3 Days~~ NA
☐ Standard (7 Days)
☐ _____ (other)

Laboratory Number: 08-161

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (SG Clean-up ☐)	Volatiles 8260	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals + Cu, Ni, Zn	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664					% Moisture
1	N. Tanks Concrete	8/14/23	1215	Solid	2					X				X	X				X								
2	OWS-15	8/14/23	1300	Water	9					X				X	X				X								
3	LP-water	8/15/23	1030	Water	9					X				X	X				X								

	Signature	Company	Date	Time
Relinquished		DH Environmental	8-15-23	1:15
Received		OSE	8/15/23	1315
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
LP-water contains LNAPL
data to data@dhenviro.com
Hold for possible follow-up of TCLP and/or fish bioassay

Data Package: Standard ☒ Level III ☐ Level IV ☐
Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

August 28, 2023

David Hill
DH Environmental, Inc.
1011 SW Klickitat Way, Suite 107
Seattle, WA 98103

Re: Analytical Data for Project Star Forge WO-1
Laboratory Reference No. 2308-161B

Dear David:

Enclosed are the analytical results and associated quality control data for samples submitted on August 15, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Rainier ENVIRONMENTAL

Dangerous Waste Characterization

Sample ID: N. Tanks Concrete

Report date: August 28, 2023

Submitted to:

OnSite Environmental
14648 NE 95th Street
Redmond, WA 98052

Rainier Environmental
5013 Pacific Hwy East
Suite 20
Tacoma, WA 98424

1.0 INTRODUCTION

A dangerous waste characterization using the test organism *Oncorhynchus mykiss* (rainbow trout) was conducted on one sample submitted by OnSite Environmental to Rainier Environmental. Testing was conducted following the Washington State Department of Ecology Publication 80-12.

2.0 METHODS

The sample, N. Tanks Concrete, was received in the laboratory on August 23, 2023. Upon arrival at the laboratory the sample was inspected and contents verified against information provided on the chain-of-custody form. The sample was stored at 4°C in the dark until use. The test procedure is outlined in Table 1.

Table 1. Summary of Dangerous Waste Characterization Test Conditions

Parameter	Standard Fish Toxicity Test
Test number	2308-038
Sample ID	N. Tanks Concrete
Test initiation date; time	8/23/2023; 0945h
Test termination date; time	8/27/2023; 0945h
Endpoint	Mortality at 96-hours
Test chamber	7.5 L Plastic tank
Test temperature	12 ± 1°C
Dilution water	Moderately hard synthetic water
Test solution volume	6 L
Test concentrations (mg/L)	100, 10, 0
Number of organisms/chamber	10
Number of replicates	3
Test organism	*Oncorhynchus mykiss* (rainbow trout)
Feeding	No feeding during test
Photoperiod	16 hours light/ 8 hours dark
Extraction	Rotary agitation (30 +/- 2 rpm) for 18 hours
Reference Toxicant	Copper sulfate
Deviations	None

The test organisms used in the test are outlined in Table 2. The sample was tested using fish received on July 12, 2023.

Table 2. Test organisms (*Oncorhynchus mykiss*)

Test organism age	62 days post swim-up (hatch date 5/31/2023)
Mean weight	0.41 g
Mean length	41 mm
Ratio of longest to shortest	1.2
Loading	0.68 g/L
Test organism source	Trout Lodge; Sumner, WA

3.0 RESULTS

A summary of results for the dangerous waste characterization conducted on N. Tanks Concrete is contained in Table 3. There was no mortality during the test. Based on these results, the sample does not designate as either a dangerous or extremely hazardous waste. Copies of the laboratory bench sheets, statistical summaries of reference toxicant tests, and chain-of-custody form are provided in Appendices A through C.

Table 3. Summary of Results

Sample ID	Concentration (mg/L)	Survival (# fish, N=30)	Percent Mortality	Dangerous Waste Designation
Control	0	30	0	NA
N. Tanks Concrete	10	30	0	None
	100	30	0	

4.0 QUALITY ASSURANCE

The most recently completed reference toxicant test was initiated August 16, 2023. The LC_{50} of 166 µg/L copper fell within the acceptable range of mean ± two standard deviations of historical test results indicating that the test organisms were of an appropriate degree of sensitivity. The coefficient of variation (CV) for the last 20 tests was 31.3 percent, which is considered excellent by the Biomonitoring Science Advisory Board.

5.0 REFERENCES

WDOE. 2016. Laboratory Guidance and Whole Effluent Toxicity Test Review Criteria. Washington State Department of Ecology. Water Quality Program. Publication number: WQ-R-95-80, Revised June 2016.

WDOE. 2020. Biological Testing Methods 80-12 for the Designation of Dangerous Waste. Washington State Department of Ecology. Hazardous Waste and Toxics Reduction Program. Publication number: 80-12, Revised September 2020.

Appendix A

Oncorhynchus mykiss Dangerous Waste Toxicity Test

Raw Bench Sheets

Dangerous Waste Toxicity Test

Client: OnSite Environmental Inc.
Sample ID: N. Tanks Concrete
Test #: 2308-038
Log In #: T23-264

Start Date & Time: 8/23/2023 0945
End Date & Time: 8/27/2023 0945
Test Organism: *Oncorhynchus mykiss*
Test Protocol: **Washington State Department of Ecology Publ. 80-12**

Rep	Conc.	Cont #	Number of Live Organisms 0	24	48	72	96	Dissolved Oxygen (mg/L) 0	24	48	72	96	pH (units) 0	24	48	72	96	Conductivity (umhos/cm) 0	24	48	72	96	Temperature (°C) 0	24	48	72	96	Percent Survival
1	CON	16	10	10	10	10	10	8.7	8.5	8.1	7.9	7.8	8.06	7.81	7.62	7.45	7.33	345				338	11.9	11.7	12.1	12.3	11.9	
2		21	10	10	10	10	10	8.5	8.2	8.0	7.9	7.9	8.10	7.85	7.65	7.41	7.31	341				342						
3		5	10	10	10	10	10	9.0	8.8	8.5	8.3	8.1	8.04	7.81	7.66	7.39	7.34	348				345						
1	10 PPM	22	10	10	10	10	10	9.1	8.9	8.6	8.4	8.1	8.07	7.84	7.67	7.43	7.37	341				338	11.9	11.9	12.1	12.0	11.8	
2		6	10	10	10	10	10	8.8	8.5	8.2	8.1	8.0	8.03	7.80	7.65	7.40	7.35	344				341						
3		15	10	10	10	10	10	8.8	8.4	8.2	8.0	7.9	8.04	7.86	7.67	7.44	7.32	346				339						
1	100 PPM	11	10	10	10	10	10	8.7	8.6	8.4	8.2	8.2	8.05	7.83	7.64	7.45	7.34	347				348	11.8	12.0	12.1	12.1	12.0	
2		2	10	10	10	10	10	9.1	8.9	8.6	8.3	8.1	8.07	7.84	7.59	7.45	7.35	340				340						
3		20	10	10	10	10	10	9.0	8.7	8.4	8.3	8.2	8.06	7.81	7.62	7.42	7.36	341				338						
1																												
2																												
3																												
1																												
2																												
3																												
1																												
2																												
3																												
1																												
2																												
3																												
Technician Initials																												

Sample	Alk. (init.)	Hard. (init.)	Alk. (fin.)	Hard. (fin.)	Chlorine
	(mg/L as CaCO3)				(mg/L Cl2)
Control	68	100	68	100	<0.03
100 PPM	68	100	68	100	

Animal Source: Troutlodge
Date Received: 7/12/2023

Test Volume: 6.0L
Date of Hatch: 5/31/2023
Date of Swim up: 6/21/2023

Weights (g): .41 .38 .42 .36 .38 .41 .42 .44 .41 .42
Lengths(mm): 41 39 41 37 39 42 41 45 40 40
Length max/min: 45/37 1.2

Loading: 0.69 g/L

μ = .41 Rainier Environmental
μ = 41 Washington Laboratory
5013 Pacific HWY E Suite 20
Tacoma, WA 98424

Dilution Water Source: MHSW 075
QA Check

Appendix B

Reference Toxicant Test

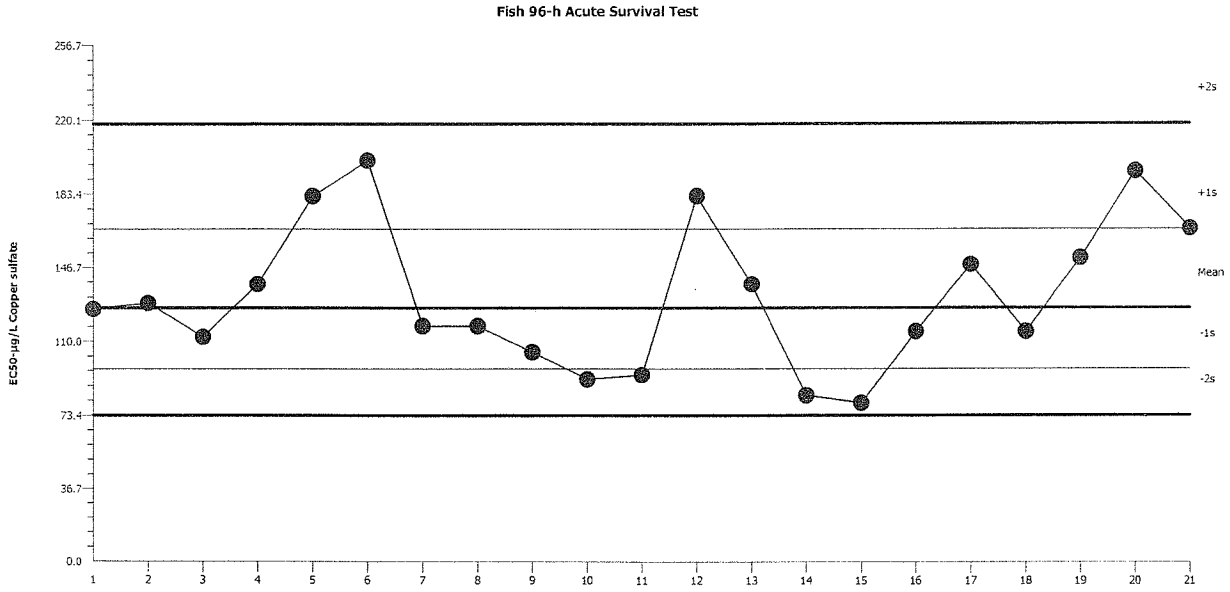
Control Chart and Statistical Summary

CETIS QC Plot

Report Date: 21 Aug-23 10:40 (1 of 1)

Fish 96-h Acute Survival Test — **Rainier Environmental Laboratory**

Test Type:	Survival (96h)	**Organism:**	Oncorhynchus mykiss (Rainbow Tro	**Material:**	Copper sulfate
Protocol:	Not Applicable	**Endpoint:**	96h Survival Rate	**Source:**	Reference Toxicant-REF



Mean:	126.5	**Count:**	20	**-1s Warning Limit:**	96.31	**-2s Action Limit:**	73.35
Sigma:	NA	**CV:**	31.30%	**+1s Warning Limit:**	166.1	**+2s Action Limit:**	218.1

Quality Control Data

Point	Year	Month	Day	QC Data	Delta	Sigma	Warning	Action	Test ID	Analysis ID
1	2021	Dec	6	126	-0.4773	-0.01388			13-8732-0751	08-1557-4326
2	2022	Jan	5	128.9	2.468	0.07094			08-2261-8669	03-7761-6146
3		Feb	5	112.2	-14.22	-0.438			01-7899-0440	09-8784-8920
4		Mar	7	138.2	11.72	0.3254			15-8880-5349	18-5703-0746
5		Apr	11	182.3	55.88	1.343	(+)		19-4475-1025	00-2732-4149
6		May	11	200	73.53	1.683	(+)		04-3686-1214	17-7144-4708
7		Jun	13	117.6	-8.915	-0.2683			02-1194-6933	14-6655-2671
8		Jul	11	117.6	-8.915	-0.2683			18-9490-6426	20-8229-8763
9		Aug	12	104.7	-21.74	-0.6924			16-1269-6384	20-8498-8487
10		Sep	14	91.17	-35.3	-1.201	(-)		21-3997-4244	00-3631-7496
11		Oct	10	93.3	-33.17	-1.117	(-)		01-3925-6404	03-9134-1193
12		Nov	14	182.3	55.88	1.343	(+)		09-0829-7750	07-1545-0995
13		Dec	12	138.2	11.72	0.3254			02-0643-2090	02-3247-9401
14	2023	Jan	12	83.12	-43.35	-1.541	(-)		10-5717-9012	06-2162-7195
15		Feb	13	79.37	-47.1	-1.71	(-)		19-2977-9552	20-0081-1333
16		Mar	13	114.9	-11.6	-0.3532			14-1992-9075	20-3196-8530
17		Apr	14	148.1	21.64	0.5799			00-0643-4903	11-5830-8594
18		May	15	114.9	-11.6	-0.3532			06-5181-9947	15-0207-5859
19		Jun	13	151.6	25.1	0.6647			16-7900-9504	12-9379-3365
20		Jul	14	194.7	68.27	1.585	(+)		19-5463-0764	04-3793-4724
21		Aug	16	166.2	39.78	1.004	(+)		09-9289-7634	17-7520-8601

CETIS Summary Report

Fish 96-h Acute Survival Test — **Rainier Environmental Laboratory**

Batch ID:	10-3512-0978	**Test Type:**	Survival (96h)	**Analyst:**	Eric Tollefson
Start Date:	16 Aug-23 13:30	**Protocol:**	Not Applicable	**Diluent:**	Mod-Hard Synthetic Water
Ending Date:	20 Aug-23 13:30	**Species:**	Oncorhynchus mykiss	**Brine:**	
Duration:	96h	**Source:**	Trout Lodge Fish Farm	**Age:**	55d
Sample ID:	09-7638-9830	**Code:**	RA081623OM	**Client:**	Internal Lab
Sample Date:	16 Aug-23	**Material:**	Copper sulfate	**Project:**	
Receive Date:	16 Aug-23	**Source:**	Reference Toxicant		
Sample Age:	14h	**Station:**	In House		

Comparison Summary

Analysis ID	Endpoint	NOEL	LOEL	TOEL	PMSD	TU	Method
19-5429-9781	96h Survival Rate	50	100	70.71	16.9%		Dunnett Multiple Comparison Test

Point Estimate Summary

Analysis ID	Endpoint	Level	µg/L	95% LCL	95% UCL	TU	Method
17-7520-8601	96h Survival Rate	LC50	166.2	141.5	195.3		Spearman-Kärber

96h Survival Rate Summary

C-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	%Effect
0	Dilution Water	3	1	1	1	1	1	0	0	0.0%	0.0%
25		3	1	1	1	1	1	0	0	0.0%	0.0%
50		3	1	1	1	1	1	0	0	0.0%	0.0%
100		3	0.8	0.7627	0.8373	0.7	0.9	0.05774	0.1	12.5%	20.0%
200		3	0.4333	0.3394	0.5273	0.2	0.7	0.1453	0.2517	58.08%	56.67%
400		3	0	0	0	0	0	0	0		100.0%

96h Survival Rate Detail

C-µg/L	Control Type	Rep 1	Rep 2	Rep 3
0	Dilution Water	1	1	1
25		1	1	1
50		1	1	1
100		0.9	0.7	0.8
200		0.4	0.7	0.2
400		0	0	0

96h Survival Rate Binomials

C-µg/L	Control Type	Rep 1	Rep 2	Rep 3
0	Dilution Water	10/10	10/10	10/10
25		10/10	10/10	10/10
50		10/10	10/10	10/10
100		9/10	7/10	8/10
200		4/10	7/10	2/10
400		0/10	0/10	0/10

Appendix C
Chain-of-Custody Form

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 08-179

Laboratory: Rainier Environmental

Attention: Eric Tollefson

Address: 5013 Pacific Highway E, Suite 20, Fife, WA 98424

Phone Number: (253) 922-8898

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other: 1 Week

Project Manager: David Baumeister

email: dbaumeister@onsite-env.com

Project Number:

Project Name:

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
	SPU-TANKSOLIDS	8/16/23	11:30	S	1	Fish Bioassay (Dangerous Waste 80-12 Test)

	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:		ODE	8/22/23	1600	T23-272
Received by:		UPS			
Relinquished by:		UPS			
Received by:	Eric Tollefson	RAINIER	8/23/23	1300	
Relinquished by:					
Received by:					

Chain of Custody

Page 1 of 1

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: DH Environmental
Project Number:
Project Name: Star Forge WO-1
Project Manager: Dave Hill
Sampled by: N. Moxley / J. Briere

Turnaround Request (in working days)

(Check One)

☐ Same Day ☐ 1 Day
☒ 2 Days ~~☒ 3 Days~~ N/A
☐ Standard (7 Days)
☐ _____ (other)

Laboratory Number: 08-161

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (SG Clean-up☐)	Volatiles 8260	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals + Cu, Ni, Zn	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664		Fish Bioassay			% Moisture
1	N. Tanks Concrete	8/14/23	1215	Soil	2					X				X	X				X					(X)			
2	OWS-15	8/14/23	1300	Water	9					X				X	X				X								
3	LP-Water	8/15/23	1030	Water	9					X				X	X				X								

	Signature	Company	Date	Time
Relinquished		DH Environmental	8-15-23	1:15
Received		OSE	8/18/23	1315
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

LP-Water contains LNAPL

data to data@dhenviro.com

Hold for possible follow-up of TCLP and/or fish bioassay (X) Added 8/18/23 DB (RUSH 1 week)

Data Package: Standard ☒ Level III ☐ Level IV ☐

Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

DANGEROUS WASTE DESIGNATION FORM

Former Jorgensen Forge Site, UST Piping Soil

A. WASTE STREAM NAME AND GENERATION INFORMATION

Waste Stream Name: UST Piping Soil

Generation Process: Utility piping excavation

RCRA ID Number that waste will be managed under:	**Total Quantity and/or Estimated Generation rate:**
NA	~ 40 cubic yards
Other Descriptions (i.e. Shop, Project, Etc.):	

B. WASTE PROPERTIES, CHARACTERISTICS, and CONSTITUENTS:

Physical State:
- ☒Solid (pass paint filter)
- ☐Solid w/freestanding or absorbed liquid
- ☐Liquid (If liquid, indicate if the liquid is:
  - ☐Single Layer
  - ☐Multi-layer

pH:
- ☐< 2 **[D002]**
- ☐> 2 but < 12.5
- ☒N/A
- ☐> 12.5 **[D002]**

Flashpoint:
- ☒N/A
- ☐< 140 °F **[D001]**
- ☐> 140 °F but < 200 °F
- ☐> 200 °F

Characteristic

- ☐Ignitable **[D001]**
- ☐Corrosive **[D002]**
- ☐Reactive **[D003]**
- ☐Toxic **[D004 – D043]**

List Here:

PCB Content

- ☒Not Detected **[non TSCA or State Regulated]**
- ☐Not Sampled
- ☐≥ 2 ppm and < 50 ppm **[Potentially TSCA Regulated or State Regulated PCB Waste-WPCB]**
- ☐≥ 50 ppm **[TSCA Regulated]**
- ☐< 1 ppm

Note:
IF WASTE STREAM IS BEING MANAGED AS TSCA WASTE, DO NOT USE WPCB STATE CODE PER WAC 173-303-071(3)(k)

TCLP Metals

- ☐Arsenic ≥ 5.0 mg/L **[D004]**
- ☐Barium ≥ 100.0 mg/L **[D005]**
- ☐Cadmium ≥ 1.0 mg/L **[D006]**
- ☐Chromium ≥ 5.0 mg/L **[D007]**
- ☐Lead ≥ 5.0 mg/L **[D008]**
- ☐Mercury ≥ 0.2 mg/L **[D009]**
- ☐Selenium ≥ 1.0 mg/L **[D010]**
- ☐Silver ≥ 5.0 mg/L **[D011]**

Check if:
- ☐Assumed
- ☒TCLP Conducted
- ☐TCLP Not Conducted

Comments:

TCLP lead was non-detect for sample greater than "20x rule"

Total Metals

☒mg/kg ☐ug/kg ☐mg/L ☐ug/L

Arsenic:	31	☐ND
Barium:	82	☐ND
Cadmium:	0.85	☐ND
Chromium:	55	☐ND
Copper:	180	☐ND
Lead:	110	☐ND
Mercury:		☒ND
Nickel:	1,100	☐ND
Selenium:		☒ND
Silver:		☒ND
Zinc:	280	☐ND

Comments:

Values represent the highest concentrations among all samples

Physical Composition (list all constituents, including debris, any absorbents, liquid range, etc.).

Constituent	**Volume (Range %)**
Concrete/Asphalt/debris	25 - 50
Soil	50 - 75

C. LISTED WASTE

☐ **Discarded Listed Chemical Product (U or P List):**
☐ **Listed Source Waste (F or K List):**
☒ **Not Applicable:**

D. WA STATE CRITERIA WASTE

☐**Not applicable per WAC 173-303-070(5): Further designation will not change the generator status or change the way the waste must be managed.**

WA Toxic Criteria Equivalent Concentration (E.C):		WA Persistent Criteria Total HOC		WA Persistent Criteria Total PAH	
☒ **< 0.001 %**	**[not a Toxic Criteria DW]**	☒ **< 0.01 %**	**[NOT APPLICABLE]**	☒ **< 1.0%**	**[NOT APPLICABLE]**
☐ **0.001 ≥ 1.0 %**	**[WT02 – DW]**	☐ **0.01 to 1.0%**	**[WP02 – DW]**	☐ **> 1.0%**	**[WP03 – EHW]**
☐ **≥ 1.0%**	**[WT01 – EHW]**	☐ **> 1.0 %**	**[WP01 – EHW]**		

DW: Dangerous Waste EHW: Extremely Hazardous Waste HOC: Halogenated Organic Compounds PAH: Polycyclic Aromatic Hydrocarbons

E. ADDITIONAL INFORMATION (Describe any additional information about the waste (e.g. process knowledge statement, regulatory exemptions, assumptions made, etc.)

A Washington State toxic criteria book designation was conducted in accordance with WAC 173-303-100, for each soil sample representative of the waste stream. Two samples had a calculated equivalent concentration (EC) value greater than 0.001%, resulting in an initial criteria waste designation of WT02. A follow-up fish bioassay was performed in accordance with WAC 173-303-110(3)(b), *Biological Testing Methods for the Designation of Dangerous Waste Method 80-12*, for the sample with the highest EC value. The fish bioassay test resulted in zero mortality, which refutes the initial WT02 designation. **This waste stream is therefore designated as non-dangerous waste.**

Attachments:
☐ **Field Report**
☐ **Sample Log**
☒ **Laboratory Data** (OnSite Environmental Lab Report 2308-254, 2308-254B, and 2310-177)
☒ **Dangerous Waste Toxic Equivalent Concentration Calculation**
☒ **Biological Testing Method 80-12 (Fish Bioassay)**
☐ **Other:**

F. WASTE DESIGNATION SUMMARY

☐ **RCRA Hazardous Waste**
USDOT Proper Shipping Name:
RCRA Waste Codes:

☐ **TSCA Regulated Waste**
TSCA Description:

☒ **Non-Hazardous Solid Waste/RCRA Exempt/RCRA Excluded**
Description: Non-hazardous waste, solid

Designation Performed by: Nathan Moxley, LHG
Title: Senior Geologist Date: 10-17-2023

Designation Reviewed by: Dave Hill, PE, CHMM
Title: Principal Engineer Date: 10-17-2023

[illegible]

Analyte	CAS	Concentration*	Toxicity	Toxic Category	X	A	B	C	D
					Concentration (mass %)				
TOTAL METALS by 6010C/7471B									
[illegible]	[illegible]	[illegible]	[illegible]	B					
[illegible]	[illegible]	[illegible]	[illegible]	NOT APPLICABLE					
[illegible]	[illegible]	[illegible]	[illegible]	X					
[illegible]	[illegible]	[illegible]	[illegible]	C				1.80E-03	
[illegible]	[illegible]	[illegible]	[illegible]	A		5.80E-03			
[illegible]	[illegible]	[illegible]	[illegible]	C				2.40E-03	
[illegible]	[illegible]	[illegible]	[illegible]	C					
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[illegible]	[illegible]	[illegible]	[illegible]	C					1.50E-02
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	X					
[illegible]	[illegible]	[illegible]	[illegible]	B			8.20E-03		
VOLATILES by EPA 8260C									
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ër□□u□□□e□□e□e	□□□□□□□□	□D	□□ □□ □□□ D□□□□ □□□□l□□□□□□ □□□□□□ FR□M □□□□□□□□□□□□□□□□□ □D□□ R□□ r□□□□□□□□□g□□g²	D					
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PCBs by EPA 8082A									
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		□D		C					
	□3□□□□□□□	□D		A					
		□D		A					
		□D		B					
	11096-82-5	□D		B					
PAHs by EPA 8270D/SIM									
				C					6.60E-05
		□D		D					
		□D		D					
		□D		C					
	□3□3□□□			C					1.30E-05
				B				2.50E-05	
				A			2.60E-04		
				X	5.80E-05				
				C					4.40E-04
		3□□		C					3.50E-04
				C					2.60E-04
			LC50 Neanthes arenaceodentata (fish) > 1 mg/L96 hr	C					2.80E-04
		3□□□		C					3.42E-04
				C					1.80E-04
				C					9.90E-05
	□3□□□3	□3□		C					3.20E-05
				C					9.30E-05
Total (SUM)					**0.0000580**	**0.0060600**	**0.0082250**	**0.0063550**	**0.0150**

	∑X% / 1	∑A% / 10	∑B% / 100	∑C% / 1000	∑D% / 10000	EC	Designation
						0.0007541	Non-Dangerous Waste

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[illegible]

Analyte	CAS	Concentration*	Toxicity	Toxic Category	Concentration (mass %) X	A	B	C	D
TOTAL METALS by 6010C/7471B									
[illegible]	[illegible]	[illegible]	[illegible]	B			1.60E-03		
[illegible]	[illegible]	[illegible]	[illegible]	NOT APPLICABLE					
[illegible]	[illegible]	[illegible]	[illegible]	X					
[illegible]	[illegible]	[illegible]	[illegible]	C				4.60E-03	
[illegible]	[illegible]	[illegible]	[illegible]	A		1.80E-02			
[illegible]	[illegible]	[illegible]	[illegible]	C				1.10E-02	
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	A					
[illegible]	[illegible]	[illegible]	[illegible]	C					1.10E-01
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	X					
[illegible]	[illegible]	[illegible]	[illegible]	B			1.20E-02		
VOLATILES by EPA 8260C									
[illegible]	[illegible]	[illegible]	[illegible]	NOT APPLICABLE					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	NOT APPLICABLE					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	B					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					

[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	A					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	NOT APPLICABLE					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
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[illegible]	[illegible]	[illegible]	[illegible]	D					
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[illegible]	[illegible]	[illegible]	[illegible]	D					
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[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
PCBs by EPA 8082A									
[illegible]	[illegible]	[illegible]	[illegible]	B					
[illegible]	[illegible]	[illegible]	[illegible]	C					

				C					
				A					
				A					
				B				1.10E-05	
	11096-82-5			B					
PAHs by EPA 8270D/SIM									
				C					
				D					
				D					
				C					
				C					
				B					
				A			4.10E-06		
				X					
				C					6.60E-06
				C					6.20E-06
				C					3.30E-06
			LC50 Neanthes arenaceodentata (fish) > 1 mg/L96 hr	C					4.50E-06
				C					4.90E-06
				C					3.60E-06
				C					2.90E-06
				C					
				C					4.10E-06
Total (SUM)					0.0000000	0.0180041	0.0136110	0.0156361	0.1100

	∑X% / 1	∑A% / 10	∑B% / 100	∑C% / 1000	∑D% / 10000	EC	Designation
						0.0019632	WT02

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[illegible]

Analyte	CAS	Concentration*	Toxicity	Toxic Category	X	A	B	C	D
					Concentration (mass %)				
TOTAL METALS by 6010C/7471B									
[illegible]	[illegible]	[illegible]	[illegible]	B			1.80E-03		
[illegible]	[illegible]	[illegible]	[illegible]	NOT APPLICABLE					
[illegible]	[illegible]	[illegible]	[illegible]	X					
[illegible]	[illegible]	[illegible]	[illegible]	C				5.40E-03	
[illegible]	[illegible]	[illegible]	[illegible]	A		1.70E-02			
[illegible]	[illegible]	[illegible]	[illegible]	C				4.60E-03	
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	A					
[illegible]	[illegible]	[illegible]	[illegible]	C					8.10E-02
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	X					
[illegible]	[illegible]	[illegible]	[illegible]	B			1.50E-02		
VOLATILES by EPA 8260C									
[illegible]	[illegible]	[illegible]	[illegible]	NOT APPLICABLE					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C					
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[illegible]	[illegible]	[illegible]	[illegible]	C					
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[illegible]	[illegible]	[illegible]	[illegible]	D					
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[illegible]	[illegible]	[illegible]	[illegible]	B					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
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[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	A					
[illegible]	[illegible]	[illegible]	[illegible]	C					
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[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	NOT APPLICABLE					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
PCBs by EPA 8082A									
[illegible]	[illegible]	[illegible]	[illegible]	B					
[illegible]	[illegible]	[illegible]	[illegible]	C					

		D		C					
	3	D		A					
		D		A					
				B			5.60E-06		
	11096-82-5	D		B					
PAHs by EPA 8270D/SIM									
	3			C				1.20E-05	
		D		D					
		D		D					
		D		C					
	3	D		C					
	3	D		B					
				A		8.40E-05			
				X	2.10E-05				
				C				1.50E-04	
				C				1.20E-04	
	3			C				8.70E-05	
			LC50 Neanthes arenaceodentata (fish) > 1 mg/L96 hr	C				9.20E-05	
				C				1.16E-04	
	3			C				6.10E-05	
	3	33		C				3.30E-05	
	3	3		C				1.10E-05	
		3		C				3.10E-05	
Total (SUM)					**0.0000210**	**0.0170840**	**0.0168056**	**0.0107130**	**0.0810**

	∑X% / 1	∑A% / 10	∑B% / 100	∑C% / 1000	∑D% / 10000	EC	Designation
		3				0.0019163	WT02

R Regi r e i e u e
D rd u u e D i i r r Medi e
3 D e ed e ir e i ge

Analyte	CAS	Concentration*	Toxicity	Toxic Category	Concentration (mass %) X	A	B	C	D
TOTAL METALS by 6010C/7471B									
□r□e□i□	[illegible]	3□	[illegible]	**B**			**3.10E-03**		
□□riu□	[illegible]	□□	[illegible]	**NOT APPLICABLE**					
□□d□iu□	[illegible]	[illegible]	[illegible]	**X**	**8.50E-05**				
□□r□□iu□	[illegible]	□□	[illegible]	**C**				**2.50E-03**	
□□□□er	[illegible]	□□	[illegible]	**A**		**6.70E-03**			
□e□d	[illegible]	□□	[illegible]	**C**				**4.90E-03**	
M□□g□□e□e	[illegible]	□□	[illegible]	**C**					
Mer□ur□	[illegible]	□D	[illegible]	**A**					
□i□□e□	[illegible]	□□	[illegible]	**C**					**9.40E-03**
□e□e□iu□	[illegible]	□D	[illegible]	**D**					
□i□er	[illegible]	□D	[illegible]	**X**					
□i□□	[illegible]	[illegible]	[illegible]	**B**			**2.80E-02**		
VOLATILES by EPA 8260C									
Di□□□r□di□u□r□□e□□□e	[illegible]	□D	[illegible]	**NOT APPLICABLE**					
□□□r□□e□□□e	[illegible]	□D	[illegible]	**D**					
□i□□□□□ride	[illegible]	□D	[illegible]	**C**					
□r□□□□e□□□e	[illegible]	□D	[illegible]	**C**					
□□□r□e□□□e	[illegible]	□D	[illegible]	**C**					
□ri□□□r□□u□r□□e□□□e	[illegible]	□D	[illegible]	**C**					
□□□Di□□□r□e□e□e	[illegible]	□D	[illegible]	**C**					
□□e□□□e	[illegible]	□D	[illegible]	**D**					
I□d□□e□□□e	[illegible]	□D	[illegible]	**C**					
□□r□□□Di□u□ide	[illegible]	□D	[illegible]	**D**					
Me□□□e□e□□□ride	[illegible]	□D	[illegible]	**D**					
□r□□□□□Di□□□r□e□e□e	[illegible]	□D	[illegible]	**D**					
Me□□□□□u□□□□er	[illegible]	□D	[illegible]	**D**					
□□□Di□□□r□e□□□e	[illegible]	□D	[illegible]	**D**					
□i□□□□e□□e	[illegible]	□D	[illegible]	**C**					
□□□Di□□□r□□r□□□□e	[illegible]	□D	[illegible]	**D**					
□i□□□□Di□□□r□e□e□e	[illegible]	□D	[illegible]	**NOT APPLICABLE**					
□□□u□□□□e	[illegible]	□D	[illegible]	**D**					
□r□□□□□□r□□e□□□e	[illegible]	□D	[illegible]	**D**					
□□□r□□r□	[illegible]	□D	[illegible]	**B**					
□□□□ri□□□r□e□□□e	[illegible]	□D	[illegible]	**D**					
□□r□□□□e□r□□□ride	[illegible]	□D	[illegible]	**D**					
□□□Di□□□r□□r□□e□e	[illegible]	□D	[illegible]	**C**					

[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C				4.00E-05	
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C				4.60E-05	
[illegible]	[illegible]	[illegible]	[illegible]	C				2.10E-04	
[illegible]	[illegible]	[illegible]	[illegible]	C				8.70E-05	
[illegible]	[illegible]	[illegible]	[illegible]	A					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	NOT APPLICABLE					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
PCBs by EPA 8082A									
[illegible]	[illegible]	[illegible]	[illegible]	B					
[illegible]	[illegible]	[illegible]	[illegible]	C					

				C					
				A					
				A					
				B					
	11096-82-5			B					
PAHs by EPA 8270D/SIM									
				C				2.10E-04	
				D					6.60E-04
				D					4.60E-04
				C					
				C					
				B					
				A					
				X					
				C					
				C					
				C					
			LC50 Neanthes arenaceodentata (fish) > 1 mg/L96 hr	C				7.10E-06	
				C				4.50E-06	
				C				3.40E-06	
				C					
				C					
				C					
Total (SUM)					0.0000850	0.0067000	0.0311000	0.0080080	0.0105

	∑X% / 1	∑A% / 10	∑B% / 100	∑C% / 1000	∑D% / 10000	EC	Designation
						0.0010751	WT02

[illegible]

					Concentration (mass %)				
Analyte	CAS	Concentration*	Toxicity	Toxic Category	X	A	B	C	D
TOTAL METALS by 6010C/7471B									
[illegible]	[illegible]	[illegible]	[illegible]	B					
[illegible]	[illegible]	[illegible]	[illegible]	NOT APPLICABLE					
[illegible]	[illegible]	[illegible]	[illegible]	X					
[illegible]	[illegible]	[illegible]	[illegible]	C				5.50E-03	
[illegible]	[illegible]	[illegible]	[illegible]	A		5.60E-03			
[illegible]	[illegible]	[illegible]	[illegible]	C				1.80E-03	
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	A					
[illegible]	[illegible]	[illegible]	[illegible]	C					6.40E-03
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	X					
[illegible]	[illegible]	[illegible]	[illegible]	B			4.40E-03		
VOLATILES by EPA 8260C									
[illegible]	[illegible]	[illegible]	[illegible]	NOT APPLICABLE					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	NOT APPLICABLE					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	B					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					

[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C				1.20E-07	
[illegible]	[illegible]	[illegible]	[illegible]	A					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	NOT APPLICABLE					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
PCBs by EPA 8082A									
[illegible]	[illegible]	[illegible]	[illegible]	B					
[illegible]	[illegible]	[illegible]	[illegible]	C					

				C					
				A					
				A					
				B					
	11096-82-5			B					
PAHs by EPA 8270D/SIM									
				C					
				D					
				D					
				C					
				C					
				B					
				A					
				X					
				C					
				C					
				C					1.10E-05
			LC50 Neanthes arenaceodentata (fish) > 1 mg/L96 hr	C					1.30E-05
				C					2.36E-05
				C					1.30E-05
				C					1.60E-05
				C					3.10E-06
				C					
Total (SUM)					0.0000000	0.0056000	0.0044000	0.0073798	0.0064

	∑X% / 1	∑A% / 10	∑B% / 100	∑C% / 1000	∑D% / 10000	EC	Designation
						0.0006120	Non-Dangerous Waste

3 R
D

Analyte	CAS	Concentration*	Toxicity	Toxic Category	X	A	B	C	D
					Concentration (mass %)				
TOTAL METALS by 6010C/7471B									
[illegible]	[illegible]	[illegible]	[illegible]	B					
[illegible]	[illegible]	33	[illegible]	NOT APPLICABLE					
[illegible]	[illegible]	[illegible]	[illegible]	X					
[illegible]	[illegible]	[illegible]	[illegible]	C				2.00E-03	
[illegible]	[illegible]	[illegible]	[illegible]	A		3.00E-03			
[illegible]	[illegible]	[illegible]	[illegible]	C				1.80E-03	
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	A					
[illegible]	[illegible]	[illegible]	[illegible]	C					5.80E-03
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	X					
[illegible]	[illegible]	[illegible]	[illegible]	B			4.30E-03		
VOLATILES by EPA 8260C									
[illegible]	[illegible]	[illegible]	[illegible]	NOT APPLICABLE					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	C					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	NOT APPLICABLE					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	D					
[illegible]	[illegible]	[illegible]	[illegible]	B					
[illegible]	[illegible]	[illegible]	[illegible]	D					
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[illegible]	[illegible]	[illegible]	LC50 Neanthes arenaceodentata (fish) > 1 mg/L96 hr	C				**5.90E-05**	
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Total (SUM)					**0.0000000**	**0.0030000**	**0.0043000**	**0.0041158**	**0.0058**

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	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	**0.0003477**	**Non-Dangerous Waste**

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OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

August 28, 2023

David Hill
DH Environmental, Inc.
1011 SW Klickitat Way, Suite 107
Seattle, WA 98103

Re: Analytical Data for Project Star Forge Waste Designation
Laboratory Reference No. 2308-254

Dear David:

Enclosed are the analytical results and associated quality control data for samples submitted on August 23, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 28, 2023
Samples Submitted: August 23, 2023
Laboratory Reference: 2308-254
Project: Star Forge Waste Designation

Case Narrative

Samples were collected on August 23, 2023 and received by the laboratory on August 23, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 28, 2023
Samples Submitted: August 23, 2023
Laboratory Reference: 2308-254
Project: Star Forge Waste Designation

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-piping-Soil-1**					
Laboratory ID:	08-254-01					
Dichlorodifluoromethane	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
Chloromethane	ND	0.0033	EPA 8260D	8-23-23	8-23-23	
Vinyl Chloride	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
Bromomethane	ND	0.0033	EPA 8260D	8-23-23	8-23-23	
Chloroethane	ND	0.0033	EPA 8260D	8-23-23	8-23-23	
Trichlorofluoromethane	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
1,1-Dichloroethene	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
Acetone	ND	0.0066	EPA 8260D	8-23-23	8-23-23	
Iodomethane	ND	0.0050	EPA 8260D	8-23-23	8-23-23	
Carbon Disulfide	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
Methylene Chloride	ND	0.0033	EPA 8260D	8-23-23	8-23-23	
(trans) 1,2-Dichloroethene	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
Methyl t-Butyl Ether	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
1,1-Dichloroethane	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
Vinyl Acetate	ND	0.0033	EPA 8260D	8-23-23	8-23-23	
2,2-Dichloropropane	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
(cis) 1,2-Dichloroethene	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
2-Butanone	ND	0.0033	EPA 8260D	8-23-23	8-23-23	
Bromochloromethane	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
Chloroform	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
1,1,1-Trichloroethane	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
Carbon Tetrachloride	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
1,1-Dichloropropene	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
Benzene	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
1,2-Dichloroethane	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
Trichloroethene	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
1,2-Dichloropropane	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
Dibromomethane	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
Bromodichloromethane	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
2-Chloroethyl Vinyl Ether	ND	0.0033	EPA 8260D	8-23-23	8-23-23	
(cis) 1,3-Dichloropropene	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
Methyl Isobutyl Ketone	ND	0.0033	EPA 8260D	8-23-23	8-23-23	
Toluene	ND	0.0033	EPA 8260D	8-23-23	8-23-23	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 28, 2023
Samples Submitted: August 23, 2023
Laboratory Reference: 2308-254
Project: Star Forge Waste Designation

VOLATILE ORGANICS EPA 8260D
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-piping-Soil-1**					
Laboratory ID:	08-254-01					
(trans) 1,3-Dichloropropene	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
1,1,2-Trichloroethane	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
Tetrachloroethene	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
1,3-Dichloropropane	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
2-Hexanone	ND	0.0033	EPA 8260D	8-23-23	8-23-23	
Dibromochloromethane	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
1,2-Dibromoethane	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
Chlorobenzene	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
1,1,1,2-Tetrachloroethane	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
Ethylbenzene	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
m,p-Xylene	ND	0.0013	EPA 8260D	8-23-23	8-23-23	
o-Xylene	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
Styrene	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
Bromoform	ND	0.0033	EPA 8260D	8-23-23	8-23-23	
Isopropylbenzene	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
Bromobenzene	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
1,1,2,2-Tetrachloroethane	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
1,2,3-Trichloropropane	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
n-Propylbenzene	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
2-Chlorotoluene	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
4-Chlorotoluene	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
1,3,5-Trimethylbenzene	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
tert-Butylbenzene	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
1,2,4-Trimethylbenzene	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
sec-Butylbenzene	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
1,3-Dichlorobenzene	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
p-Isopropyltoluene	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
1,4-Dichlorobenzene	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
1,2-Dichlorobenzene	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
n-Butylbenzene	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
1,2-Dibromo-3-chloropropane	ND	0.0033	EPA 8260D	8-23-23	8-23-23	
1,2,4-Trichlorobenzene	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
Hexachlorobutadiene	ND	0.0033	EPA 8260D	8-23-23	8-23-23	
Naphthalene	ND	0.0033	EPA 8260D	8-23-23	8-23-23	
1,2,3-Trichlorobenzene	ND	0.00066	EPA 8260D	8-23-23	8-23-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*94*	*75-130*				
Toluene-d8	*101*	*78-128*				
4-Bromofluorobenzene	*101*	*71-130*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 28, 2023
Samples Submitted: August 23, 2023
Laboratory Reference: 2308-254
Project: Star Forge Waste Designation

VOLATILE ORGANICS EPA 8260D
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-piping-Soil-2**					
Laboratory ID:	08-254-02					
Dichlorodifluoromethane	ND	0.0011	EPA 8260D	8-23-23	8-23-23	
Chloromethane	ND	0.0043	EPA 8260D	8-23-23	8-23-23	
Vinyl Chloride	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
Bromomethane	ND	0.0043	EPA 8260D	8-23-23	8-23-23	
Chloroethane	ND	0.0043	EPA 8260D	8-23-23	8-23-23	
Trichlorofluoromethane	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
1,1-Dichloroethene	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
Acetone	ND	0.0086	EPA 8260D	8-23-23	8-23-23	
Iodomethane	ND	0.0065	EPA 8260D	8-23-23	8-23-23	
Carbon Disulfide	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
Methylene Chloride	ND	0.0043	EPA 8260D	8-23-23	8-23-23	
(trans) 1,2-Dichloroethene	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
Methyl t-Butyl Ether	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
1,1-Dichloroethane	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
Vinyl Acetate	ND	0.0043	EPA 8260D	8-23-23	8-23-23	
2,2-Dichloropropane	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
(cis) 1,2-Dichloroethene	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
2-Butanone	ND	0.0043	EPA 8260D	8-23-23	8-23-23	
Bromochloromethane	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
Chloroform	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
1,1,1-Trichloroethane	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
Carbon Tetrachloride	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
1,1-Dichloropropene	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
Benzene	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
1,2-Dichloroethane	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
Trichloroethene	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
1,2-Dichloropropane	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
Dibromomethane	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
Bromodichloromethane	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
2-Chloroethyl Vinyl Ether	ND	0.0043	EPA 8260D	8-23-23	8-23-23	
(cis) 1,3-Dichloropropene	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
Methyl Isobutyl Ketone	ND	0.0043	EPA 8260D	8-23-23	8-23-23	
Toluene	ND	0.0043	EPA 8260D	8-23-23	8-23-23	

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Date of Report: August 28, 2023
Samples Submitted: August 23, 2023
Laboratory Reference: 2308-254
Project: Star Forge Waste Designation

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-piping-Soil-2**					
Laboratory ID:	08-254-02					
(trans) 1,3-Dichloropropene	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
1,1,2-Trichloroethane	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
Tetrachloroethene	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
1,3-Dichloropropane	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
2-Hexanone	ND	0.0043	EPA 8260D	8-23-23	8-23-23	
Dibromochloromethane	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
1,2-Dibromoethane	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
Chlorobenzene	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
1,1,1,2-Tetrachloroethane	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
Ethylbenzene	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
m,p-Xylene	ND	0.0017	EPA 8260D	8-23-23	8-23-23	
o-Xylene	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
Styrene	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
Bromoform	ND	0.0043	EPA 8260D	8-23-23	8-23-23	
Isopropylbenzene	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
Bromobenzene	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
1,1,2,2-Tetrachloroethane	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
1,2,3-Trichloropropane	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
n-Propylbenzene	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
2-Chlorotoluene	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
4-Chlorotoluene	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
1,3,5-Trimethylbenzene	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
tert-Butylbenzene	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
1,2,4-Trimethylbenzene	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
sec-Butylbenzene	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
1,3-Dichlorobenzene	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
p-Isopropyltoluene	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
1,4-Dichlorobenzene	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
1,2-Dichlorobenzene	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
n-Butylbenzene	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
1,2-Dibromo-3-chloropropane	ND	0.0043	EPA 8260D	8-23-23	8-23-23	
1,2,4-Trichlorobenzene	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
Hexachlorobutadiene	ND	0.0043	EPA 8260D	8-23-23	8-23-23	
Naphthalene	ND	0.0043	EPA 8260D	8-23-23	8-23-23	
1,2,3-Trichlorobenzene	ND	0.00086	EPA 8260D	8-23-23	8-23-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*96*	*75-130*				
Toluene-d8	*101*	*78-128*				
4-Bromofluorobenzene	*99*	*71-130*				

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Date of Report: August 28, 2023
Samples Submitted: August 23, 2023
Laboratory Reference: 2308-254
Project: Star Forge Waste Designation

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-piping-Soil-3**					
Laboratory ID:	08-254-03					
Dichlorodifluoromethane	ND	0.0011	EPA 8260D	8-23-23	8-23-23	
Chloromethane	ND	0.0042	EPA 8260D	8-23-23	8-23-23	
Vinyl Chloride	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
Bromomethane	ND	0.0042	EPA 8260D	8-23-23	8-23-23	
Chloroethane	ND	0.0042	EPA 8260D	8-23-23	8-23-23	
Trichlorofluoromethane	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
1,1-Dichloroethene	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
Acetone	ND	0.0083	EPA 8260D	8-23-23	8-23-23	
Iodomethane	ND	0.0063	EPA 8260D	8-23-23	8-23-23	
Carbon Disulfide	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
Methylene Chloride	ND	0.0042	EPA 8260D	8-23-23	8-23-23	
(trans) 1,2-Dichloroethene	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
Methyl t-Butyl Ether	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
1,1-Dichloroethane	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
Vinyl Acetate	ND	0.0042	EPA 8260D	8-23-23	8-23-23	
2,2-Dichloropropane	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
(cis) 1,2-Dichloroethene	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
2-Butanone	ND	0.0042	EPA 8260D	8-23-23	8-23-23	
Bromochloromethane	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
Chloroform	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
1,1,1-Trichloroethane	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
Carbon Tetrachloride	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
1,1-Dichloropropene	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
Benzene	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
1,2-Dichloroethane	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
Trichloroethene	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
1,2-Dichloropropane	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
Dibromomethane	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
Bromodichloromethane	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
2-Chloroethyl Vinyl Ether	ND	0.0042	EPA 8260D	8-23-23	8-23-23	
(cis) 1,3-Dichloropropene	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
Methyl Isobutyl Ketone	ND	0.0042	EPA 8260D	8-23-23	8-23-23	
Toluene	ND	0.0042	EPA 8260D	8-23-23	8-23-23	

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Date of Report: August 28, 2023
Samples Submitted: August 23, 2023
Laboratory Reference: 2308-254
Project: Star Forge Waste Designation

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-piping-Soil-3**					
Laboratory ID:	08-254-03					
(trans) 1,3-Dichloropropene	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
1,1,2-Trichloroethane	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
Tetrachloroethene	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
1,3-Dichloropropane	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
2-Hexanone	ND	0.0042	EPA 8260D	8-23-23	8-23-23	
Dibromochloromethane	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
1,2-Dibromoethane	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
Chlorobenzene	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
1,1,1,2-Tetrachloroethane	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
Ethylbenzene	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
m,p-Xylene	ND	0.0017	EPA 8260D	8-23-23	8-23-23	
o-Xylene	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
Styrene	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
Bromoform	ND	0.0042	EPA 8260D	8-23-23	8-23-23	
Isopropylbenzene	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
Bromobenzene	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
1,1,2,2-Tetrachloroethane	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
1,2,3-Trichloropropane	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
n-Propylbenzene	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
2-Chlorotoluene	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
4-Chlorotoluene	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
1,3,5-Trimethylbenzene	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
tert-Butylbenzene	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
1,2,4-Trimethylbenzene	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
sec-Butylbenzene	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
1,3-Dichlorobenzene	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
p-Isopropyltoluene	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
1,4-Dichlorobenzene	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
1,2-Dichlorobenzene	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
n-Butylbenzene	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
1,2-Dibromo-3-chloropropane	ND	0.0042	EPA 8260D	8-23-23	8-23-23	
1,2,4-Trichlorobenzene	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
Hexachlorobutadiene	ND	0.0042	EPA 8260D	8-23-23	8-23-23	
Naphthalene	ND	0.0042	EPA 8260D	8-23-23	8-23-23	
1,2,3-Trichlorobenzene	ND	0.00083	EPA 8260D	8-23-23	8-23-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*95*	*75-130*				
Toluene-d8	*101*	*78-128*				
4-Bromofluorobenzene	*102*	*71-130*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 28, 2023
Samples Submitted: August 23, 2023
Laboratory Reference: 2308-254
Project: Star Forge Waste Designation

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0823S1					
Dichlorodifluoromethane	ND	0.0013	EPA 8260D	8-23-23	8-23-23	
Chloromethane	ND	0.0050	EPA 8260D	8-23-23	8-23-23	
Vinyl Chloride	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Bromomethane	ND	0.0050	EPA 8260D	8-23-23	8-23-23	
Chloroethane	ND	0.0050	EPA 8260D	8-23-23	8-23-23	
Trichlorofluoromethane	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
1,1-Dichloroethene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Acetone	ND	0.010	EPA 8260D	8-23-23	8-23-23	
Iodomethane	ND	0.0076	EPA 8260D	8-23-23	8-23-23	
Carbon Disulfide	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Methylene Chloride	ND	0.0050	EPA 8260D	8-23-23	8-23-23	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
1,1-Dichloroethane	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Vinyl Acetate	ND	0.0050	EPA 8260D	8-23-23	8-23-23	
2,2-Dichloropropane	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
2-Butanone	ND	0.0050	EPA 8260D	8-23-23	8-23-23	
Bromochloromethane	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Chloroform	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Carbon Tetrachloride	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
1,1-Dichloropropene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Benzene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
1,2-Dichloroethane	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Trichloroethene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
1,2-Dichloropropane	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Dibromomethane	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Bromodichloromethane	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260D	8-23-23	8-23-23	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260D	8-23-23	8-23-23	
Toluene	ND	0.0050	EPA 8260D	8-23-23	8-23-23	

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Date of Report: August 28, 2023
Samples Submitted: August 23, 2023
Laboratory Reference: 2308-254
Project: Star Forge Waste Designation

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0823S1					
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
1,1,2-Trichloroethane	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
1,3-Dichloropropane	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
2-Hexanone	ND	0.0050	EPA 8260D	8-23-23	8-23-23	
Dibromochloromethane	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
1,2-Dibromoethane	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Chlorobenzene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Ethylbenzene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
m,p-Xylene	ND	0.0020	EPA 8260D	8-23-23	8-23-23	
o-Xylene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Styrene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Bromoform	ND	0.0050	EPA 8260D	8-23-23	8-23-23	
Isopropylbenzene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Bromobenzene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
n-Propylbenzene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
2-Chlorotoluene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
4-Chlorotoluene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
tert-Butylbenzene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
sec-Butylbenzene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
p-Isopropyltoluene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
n-Butylbenzene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260D	8-23-23	8-23-23	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Hexachlorobutadiene	ND	0.0050	EPA 8260D	8-23-23	8-23-23	
Naphthalene	ND	0.0050	EPA 8260D	8-23-23	8-23-23	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*94*	*75-130*				
Toluene-d8	*101*	*78-128*				
4-Bromofluorobenzene	*96*	*71-130*				

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Date of Report: August 28, 2023
Samples Submitted: August 23, 2023
Laboratory Reference: 2308-254
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QUALITY CONTROL
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Matrix: Soil
Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0823S1									
	SB	SBD	SB	SBD	SB	SBD				
Dichlorodifluoromethane	**0.0375**	**0.0370**	0.0500	0.0500	75	74	30-160	1	26	
Chloromethane	**0.0410**	**0.0429**	0.0500	0.0500	82	86	59-131	5	26	
Vinyl Chloride	**0.0440**	**0.0473**	0.0500	0.0500	88	95	68-136	7	23	
Bromomethane	**0.0420**	**0.0476**	0.0500	0.0500	84	95	48-155	13	32	
Chloroethane	**0.0458**	**0.0506**	0.0500	0.0500	92	101	67-141	10	16	
Trichlorofluoromethane	**0.0513**	**0.0575**	0.0500	0.0500	103	115	76-127	11	19	
1,1-Dichloroethene	**0.0489**	**0.0544**	0.0500	0.0500	98	109	75-129	11	19	
Acetone	**0.0572**	**0.0568**	0.0500	0.0500	114	114	49-158	1	37	
Iodomethane	**0.0328**	**0.0389**	0.0500	0.0500	66	78	37-140	17	27	
Carbon Disulfide	**0.0415**	**0.0452**	0.0500	0.0500	83	90	41-143	9	19	
Methylene Chloride	**0.0467**	**0.0525**	0.0500	0.0500	93	105	60-124	12	18	
(trans) 1,2-Dichloroethene	**0.0489**	**0.0538**	0.0500	0.0500	98	108	79-133	10	15	
Methyl t-Butyl Ether	**0.0498**	**0.0526**	0.0500	0.0500	100	105	73-125	5	17	
1,1-Dichloroethane	**0.0491**	**0.0541**	0.0500	0.0500	98	108	79-125	10	17	
Vinyl Acetate	**0.0538**	**0.0552**	0.0500	0.0500	108	110	51-145	3	41	
2,2-Dichloropropane	**0.0532**	**0.0532**	0.0500	0.0500	106	106	79-126	0	18	
(cis) 1,2-Dichloroethene	**0.0523**	**0.0574**	0.0500	0.0500	105	115	75-131	9	15	
2-Butanone	**0.0567**	**0.0572**	0.0500	0.0500	113	114	54-145	1	32	
Bromochloromethane	**0.0496**	**0.0552**	0.0500	0.0500	99	110	80-126	11	15	
Chloroform	**0.0488**	**0.0525**	0.0500	0.0500	98	105	80-123	7	15	
1,1,1-Trichloroethane	**0.0466**	**0.0523**	0.0500	0.0500	93	105	78-124	12	21	
Carbon Tetrachloride	**0.0419**	**0.0473**	0.0500	0.0500	84	95	74-127	12	18	
1,1-Dichloropropene	**0.0445**	**0.0516**	0.0500	0.0500	89	103	80-123	15	15	
Benzene	**0.0476**	**0.0520**	0.0500	0.0500	95	104	80-122	9	18	
1,2-Dichloroethane	**0.0494**	**0.0542**	0.0500	0.0500	99	108	75-124	9	15	
Trichloroethene	**0.0514**	**0.0521**	0.0500	0.0500	103	104	80-129	1	18	
1,2-Dichloropropane	**0.0539**	**0.0540**	0.0500	0.0500	108	108	80-123	0	15	
Dibromomethane	**0.0499**	**0.0483**	0.0500	0.0500	100	97	80-123	3	15	
Bromodichloromethane	**0.0532**	**0.0533**	0.0500	0.0500	106	107	80-129	0	15	
(cis) 1,3-Dichloropropene	**0.0540**	**0.0541**	0.0500	0.0500	108	108	80-130	0	15	
Methyl Isobutyl Ketone	**0.0554**	**0.0518**	0.0500	0.0500	111	104	63-137	7	27	
Toluene	**0.0505**	**0.0497**	0.0500	0.0500	101	99	80-120	2	18	
(trans) 1,3-Dichloropropene	**0.0546**	**0.0554**	0.0500	0.0500	109	111	80-124	1	15	

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Date of Report: August 28, 2023
Samples Submitted: August 23, 2023
Laboratory Reference: 2308-254
Project: Star Forge Waste Designation

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0823S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1,2-Trichloroethane	**0.0480**	**0.0480**	0.0500	0.0500	96	96	80-120	0	15	
Tetrachloroethene	**0.0540**	**0.0547**	0.0500	0.0500	108	109	77-126	1	15	
1,3-Dichloropropane	**0.0529**	**0.0528**	0.0500	0.0500	106	106	77-123	0	15	
2-Hexanone	**0.0557**	**0.0517**	0.0500	0.0500	111	103	53-137	7	29	
Dibromochloromethane	**0.0548**	**0.0528**	0.0500	0.0500	110	106	80-128	4	16	
1,2-Dibromoethane	**0.0528**	**0.0514**	0.0500	0.0500	106	103	80-122	3	20	
Chlorobenzene	**0.0495**	**0.0509**	0.0500	0.0500	99	102	80-120	3	18	
1,1,1,2-Tetrachloroethane	**0.0504**	**0.0498**	0.0500	0.0500	101	100	80-120	1	15	
Ethylbenzene	**0.0510**	**0.0522**	0.0500	0.0500	102	104	80-120	2	15	
m,p-Xylene	**0.0990**	**0.102**	0.100	0.100	99	102	80-120	3	15	
o-Xylene	**0.0511**	**0.0525**	0.0500	0.0500	102	105	80-120	3	15	
Styrene	**0.0509**	**0.0531**	0.0500	0.0500	102	106	80-122	4	15	
Bromoform	**0.0538**	**0.0538**	0.0500	0.0500	108	108	78-126	0	15	
Isopropylbenzene	**0.0520**	**0.0540**	0.0500	0.0500	104	108	80-125	4	15	
Bromobenzene	**0.0494**	**0.0476**	0.0500	0.0500	99	95	79-124	4	15	
1,1,2,2-Tetrachloroethane	**0.0521**	**0.0493**	0.0500	0.0500	104	99	75-122	6	17	
1,2,3-Trichloropropane	**0.0502**	**0.0473**	0.0500	0.0500	100	95	72-125	6	20	
n-Propylbenzene	**0.0493**	**0.0492**	0.0500	0.0500	99	98	77-126	0	16	
2-Chlorotoluene	**0.0523**	**0.0508**	0.0500	0.0500	105	102	75-128	3	15	
4-Chlorotoluene	**0.0515**	**0.0507**	0.0500	0.0500	103	101	78-127	2	16	
1,3,5-Trimethylbenzene	**0.0502**	**0.0500**	0.0500	0.0500	100	100	77-128	0	15	
tert-Butylbenzene	**0.0502**	**0.0491**	0.0500	0.0500	100	98	73-130	2	20	
1,2,4-Trimethylbenzene	**0.0514**	**0.0499**	0.0500	0.0500	103	100	77-125	3	16	
sec-Butylbenzene	**0.0488**	**0.0472**	0.0500	0.0500	98	94	75-130	3	17	
1,3-Dichlorobenzene	**0.0519**	**0.0514**	0.0500	0.0500	104	103	78-123	1	17	
p-Isopropyltoluene	**0.0511**	**0.0513**	0.0500	0.0500	102	103	75-130	0	18	
1,4-Dichlorobenzene	**0.0520**	**0.0510**	0.0500	0.0500	104	102	77-121	2	17	
1,2-Dichlorobenzene	**0.0518**	**0.0511**	0.0500	0.0500	104	102	80-120	1	15	
n-Butylbenzene	**0.0532**	**0.0534**	0.0500	0.0500	106	107	76-131	0	20	
1,2-Dibromo-3-chloropropane	**0.0597**	**0.0523**	0.0500	0.0500	119	105	61-137	13	28	
1,2,4-Trichlorobenzene	**0.0582**	**0.0604**	0.0500	0.0500	116	121	77-127	4	17	
Hexachlorobutadiene	**0.0514**	**0.0512**	0.0500	0.0500	103	102	77-125	0	22	
Naphthalene	**0.0552**	**0.0519**	0.0500	0.0500	110	104	68-129	6	19	
1,2,3-Trichlorobenzene	**0.0527**	**0.0548**	0.0500	0.0500	105	110	77-124	4	19	
Surrogate:										
Dibromofluoromethane					*92*	*102*	*75-130*			
Toluene-d8					*100*	*99*	*78-128*			
4-Bromofluorobenzene					*107*	*107*	*71-130*			

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Date of Report: August 28, 2023
Samples Submitted: August 23, 2023
Laboratory Reference: 2308-254
Project: Star Forge Waste Designation

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-piping-Soil-1**					
Laboratory ID:	08-254-01					
Naphthalene	**0.66**	0.072	EPA 8270E/SIM	8-24-23	8-25-23	
2-Methylnaphthalene	**ND**	0.072	EPA 8270E/SIM	8-24-23	8-25-23	
1-Methylnaphthalene	**ND**	0.072	EPA 8270E/SIM	8-24-23	8-25-23	
Acenaphthylene	**ND**	0.072	EPA 8270E/SIM	8-24-23	8-25-23	
Acenaphthene	**0.13**	0.072	EPA 8270E/SIM	8-24-23	8-25-23	
Fluorene	**0.25**	0.072	EPA 8270E/SIM	8-24-23	8-25-23	
Phenanthrene	**2.6**	0.072	EPA 8270E/SIM	8-24-23	8-25-23	
Anthracene	**0.58**	0.072	EPA 8270E/SIM	8-24-23	8-25-23	
Fluoranthene	**4.4**	0.072	EPA 8270E/SIM	8-24-23	8-25-23	
Pyrene	**3.5**	0.072	EPA 8270E/SIM	8-24-23	8-25-23	
Benzo[a]anthracene	**2.6**	0.072	EPA 8270E/SIM	8-24-23	8-25-23	
Chrysene	**2.8**	0.072	EPA 8270E/SIM	8-24-23	8-25-23	
Benzo[b]fluoranthene	**2.6**	0.072	EPA 8270E/SIM	8-24-23	8-25-23	
Benzo(j,k)fluoranthene	**0.82**	0.072	EPA 8270E/SIM	8-24-23	8-25-23	
Benzo[a]pyrene	**1.8**	0.072	EPA 8270E/SIM	8-24-23	8-25-23	
Indeno(1,2,3-c,d)pyrene	**0.99**	0.072	EPA 8270E/SIM	8-24-23	8-25-23	
Dibenz[a,h]anthracene	**0.32**	0.072	EPA 8270E/SIM	8-24-23	8-25-23	
Benzo[g,h,i]perylene	**0.93**	0.072	EPA 8270E/SIM	8-24-23	8-25-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*79*	*39-111*				
Pyrene-d10	*99*	*47-114*				
Terphenyl-d14	*96*	*44-121*				

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Date of Report: August 28, 2023
Samples Submitted: August 23, 2023
Laboratory Reference: 2308-254
Project: Star Forge Waste Designation

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-piping-Soil-2**					
Laboratory ID:	08-254-02					
Naphthalene	**ND**	0.014	EPA 8270E/SIM	8-24-23	8-28-23	
2-Methylnaphthalene	**ND**	0.014	EPA 8270E/SIM	8-24-23	8-28-23	
1-Methylnaphthalene	**ND**	0.014	EPA 8270E/SIM	8-24-23	8-28-23	
Acenaphthylene	**ND**	0.014	EPA 8270E/SIM	8-24-23	8-28-23	
Acenaphthene	**ND**	0.014	EPA 8270E/SIM	8-24-23	8-28-23	
Fluorene	**ND**	0.014	EPA 8270E/SIM	8-24-23	8-28-23	
Phenanthrene	**0.041**	0.014	EPA 8270E/SIM	8-24-23	8-28-23	
Anthracene	**ND**	0.014	EPA 8270E/SIM	8-24-23	8-28-23	
Fluoranthene	**0.066**	0.014	EPA 8270E/SIM	8-24-23	8-28-23	
Pyrene	**0.062**	0.014	EPA 8270E/SIM	8-24-23	8-28-23	
Benzo[a]anthracene	**0.033**	0.014	EPA 8270E/SIM	8-24-23	8-28-23	
Chrysene	**0.045**	0.014	EPA 8270E/SIM	8-24-23	8-28-23	
Benzo[b]fluoranthene	**0.049**	0.014	EPA 8270E/SIM	8-24-23	8-28-23	
Benzo(j,k)fluoranthene	**ND**	0.014	EPA 8270E/SIM	8-24-23	8-28-23	
Benzo[a]pyrene	**0.036**	0.014	EPA 8270E/SIM	8-24-23	8-28-23	
Indeno(1,2,3-c,d)pyrene	**0.029**	0.014	EPA 8270E/SIM	8-24-23	8-28-23	
Dibenz[a,h]anthracene	**ND**	0.014	EPA 8270E/SIM	8-24-23	8-28-23	
Benzo[g,h,i]perylene	**0.041**	0.014	EPA 8270E/SIM	8-24-23	8-28-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*82*	*39-111*				
Pyrene-d10	*91*	*47-114*				
Terphenyl-d14	*93*	*44-121*				

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Date of Report: August 28, 2023
Samples Submitted: August 23, 2023
Laboratory Reference: 2308-254
Project: Star Forge Waste Designation

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-piping-Soil-3**					
Laboratory ID:	08-254-03					
Naphthalene	**0.12**	0.072	EPA 8270E/SIM	8-24-23	8-25-23	
2-Methylnaphthalene	**ND**	0.072	EPA 8270E/SIM	8-24-23	8-25-23	
1-Methylnaphthalene	**ND**	0.072	EPA 8270E/SIM	8-24-23	8-25-23	
Acenaphthylene	**ND**	0.072	EPA 8270E/SIM	8-24-23	8-25-23	
Acenaphthene	**ND**	0.072	EPA 8270E/SIM	8-24-23	8-25-23	
Fluorene	**ND**	0.072	EPA 8270E/SIM	8-24-23	8-25-23	
Phenanthrene	**0.84**	0.072	EPA 8270E/SIM	8-24-23	8-25-23	
Anthracene	**0.21**	0.072	EPA 8270E/SIM	8-24-23	8-25-23	
Fluoranthene	**1.5**	0.072	EPA 8270E/SIM	8-24-23	8-25-23	
Pyrene	**1.2**	0.072	EPA 8270E/SIM	8-24-23	8-25-23	
Benzo[a]anthracene	**0.87**	0.072	EPA 8270E/SIM	8-24-23	8-25-23	
Chrysene	**0.92**	0.072	EPA 8270E/SIM	8-24-23	8-25-23	
Benzo[b]fluoranthene	**0.92**	0.072	EPA 8270E/SIM	8-24-23	8-25-23	
Benzo(j,k)fluoranthene	**0.24**	0.072	EPA 8270E/SIM	8-24-23	8-25-23	
Benzo[a]pyrene	**0.61**	0.072	EPA 8270E/SIM	8-24-23	8-25-23	
Indeno(1,2,3-c,d)pyrene	**0.33**	0.072	EPA 8270E/SIM	8-24-23	8-25-23	
Dibenz[a,h]anthracene	**0.11**	0.072	EPA 8270E/SIM	8-24-23	8-25-23	
Benzo[g,h,i]perylene	**0.31**	0.072	EPA 8270E/SIM	8-24-23	8-25-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*78*	*39-111*				
Pyrene-d10	*96*	*47-114*				
Terphenyl-d14	*92*	*44-121*				

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Date of Report: August 28, 2023
Samples Submitted: August 23, 2023
Laboratory Reference: 2308-254
Project: Star Forge Waste Designation

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0824S2					
Naphthalene	**ND**	0.0067	EPA 8270E/SIM	8-24-23	8-24-23	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270E/SIM	8-24-23	8-24-23	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270E/SIM	8-24-23	8-24-23	
Acenaphthylene	**ND**	0.0067	EPA 8270E/SIM	8-24-23	8-24-23	
Acenaphthene	**ND**	0.0067	EPA 8270E/SIM	8-24-23	8-24-23	
Fluorene	**ND**	0.0067	EPA 8270E/SIM	8-24-23	8-24-23	
Phenanthrene	**ND**	0.0067	EPA 8270E/SIM	8-24-23	8-24-23	
Anthracene	**ND**	0.0067	EPA 8270E/SIM	8-24-23	8-24-23	
Fluoranthene	**ND**	0.0067	EPA 8270E/SIM	8-24-23	8-24-23	
Pyrene	**ND**	0.0067	EPA 8270E/SIM	8-24-23	8-24-23	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270E/SIM	8-24-23	8-24-23	
Chrysene	**ND**	0.0067	EPA 8270E/SIM	8-24-23	8-24-23	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270E/SIM	8-24-23	8-24-23	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270E/SIM	8-24-23	8-24-23	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270E/SIM	8-24-23	8-24-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0067	EPA 8270E/SIM	8-24-23	8-24-23	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270E/SIM	8-24-23	8-24-23	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270E/SIM	8-24-23	8-24-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*86*	*39-111*				
Pyrene-d10	*85*	*47-114*				
Terphenyl-d14	*91*	*44-121*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 28, 2023
Samples Submitted: August 23, 2023
Laboratory Reference: 2308-254
Project: Star Forge Waste Designation

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0824S2									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.0794**	**0.0701**	0.0833	0.0833	95	84	57-116	12	16	
Acenaphthylene	**0.0798**	**0.0766**	0.0833	0.0833	96	92	59-124	4	15	
Acenaphthene	**0.0748**	**0.0706**	0.0833	0.0833	90	85	59-124	6	15	
Fluorene	**0.0770**	**0.0713**	0.0833	0.0833	92	86	62-122	8	15	
Phenanthrene	**0.0747**	**0.0702**	0.0833	0.0833	90	84	62-119	6	15	
Anthracene	**0.0761**	**0.0739**	0.0833	0.0833	91	89	64-123	3	15	
Fluoranthene	**0.0743**	**0.0735**	0.0833	0.0833	89	88	63-123	1	15	
Pyrene	**0.0715**	**0.0708**	0.0833	0.0833	86	85	62-124	1	15	
Benzo[a]anthracene	**0.0756**	**0.0765**	0.0833	0.0833	91	92	59-131	1	15	
Chrysene	**0.0716**	**0.0689**	0.0833	0.0833	86	83	61-124	4	15	
Benzo[b]fluoranthene	**0.0776**	**0.0767**	0.0833	0.0833	93	92	60-126	1	15	
Benzo(j,k)fluoranthene	**0.0726**	**0.0697**	0.0833	0.0833	87	84	63-121	4	17	
Benzo[a]pyrene	**0.0781**	**0.0760**	0.0833	0.0833	94	91	60-122	3	15	
Indeno(1,2,3-c,d)pyrene	**0.0897**	**0.0883**	0.0833	0.0833	108	106	58-127	2	15	
Dibenz[a,h]anthracene	**0.0894**	**0.0865**	0.0833	0.0833	107	104	60-124	3	15	
Benzo[g,h,i]perylene	**0.0821**	**0.0789**	0.0833	0.0833	99	95	58-124	4	15	
Surrogate:										
2-Fluorobiphenyl					*88*	*96*	*39-111*			
Pyrene-d10					*81*	*85*	*47-114*			
Terphenyl-d14					*89*	*92*	*44-121*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 28, 2023
Samples Submitted: August 23, 2023
Laboratory Reference: 2308-254
Project: Star Forge Waste Designation

PCBs EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-piping-Soil-1**					
Laboratory ID:	08-254-01					
Aroclor 1016	**ND**	0.054	EPA 8082A	8-25-23	8-25-23	
Aroclor 1221	**ND**	0.054	EPA 8082A	8-25-23	8-25-23	
Aroclor 1232	**ND**	0.054	EPA 8082A	8-25-23	8-25-23	
Aroclor 1242	**ND**	0.054	EPA 8082A	8-25-23	8-25-23	
Aroclor 1248	**ND**	0.054	EPA 8082A	8-25-23	8-25-23	
Aroclor 1254	**ND**	0.054	EPA 8082A	8-25-23	8-25-23	
Aroclor 1260	**ND**	0.054	EPA 8082A	8-25-23	8-25-23	
Aroclor 1262	**ND**	0.054	EPA 8082A	8-25-23	8-25-23	
Aroclor 1268	**ND**	0.054	EPA 8082A	8-25-23	8-25-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*69*	*50-127*				
Client ID:	**NT-piping-Soil-2**					
Laboratory ID:	08-254-02					
Aroclor 1016	**ND**	0.054	EPA 8082A	8-25-23	8-25-23	
Aroclor 1221	**ND**	0.054	EPA 8082A	8-25-23	8-25-23	
Aroclor 1232	**ND**	0.054	EPA 8082A	8-25-23	8-25-23	
Aroclor 1242	**ND**	0.054	EPA 8082A	8-25-23	8-25-23	
Aroclor 1248	**ND**	0.054	EPA 8082A	8-25-23	8-25-23	
Aroclor 1254	**0.11**	0.054	EPA 8082A	8-25-23	8-25-23	
Aroclor 1260	**ND**	0.054	EPA 8082A	8-25-23	8-25-23	
Aroclor 1262	**ND**	0.054	EPA 8082A	8-25-23	8-25-23	
Aroclor 1268	**ND**	0.054	EPA 8082A	8-25-23	8-25-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*78*	*50-127*				
Client ID:	**NT-piping-Soil-3**					
Laboratory ID:	08-254-03					
Aroclor 1016	**ND**	0.054	EPA 8082A	8-25-23	8-25-23	
Aroclor 1221	**ND**	0.054	EPA 8082A	8-25-23	8-25-23	
Aroclor 1232	**ND**	0.054	EPA 8082A	8-25-23	8-25-23	
Aroclor 1242	**ND**	0.054	EPA 8082A	8-25-23	8-25-23	
Aroclor 1248	**ND**	0.054	EPA 8082A	8-25-23	8-25-23	
Aroclor 1254	**0.056**	0.054	EPA 8082A	8-25-23	8-25-23	
Aroclor 1260	**ND**	0.054	EPA 8082A	8-25-23	8-25-23	
Aroclor 1262	**ND**	0.054	EPA 8082A	8-25-23	8-25-23	
Aroclor 1268	**ND**	0.054	EPA 8082A	8-25-23	8-25-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*79*	*50-127*				

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Date of Report: August 28, 2023
Samples Submitted: August 23, 2023
Laboratory Reference: 2308-254
Project: Star Forge Waste Designation

PCBs EPA 8082A
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0825S1					
Aroclor 1016	**ND**	0.050	EPA 8082A	8-25-23	8-25-23	
Aroclor 1221	**ND**	0.050	EPA 8082A	8-25-23	8-25-23	
Aroclor 1232	**ND**	0.050	EPA 8082A	8-25-23	8-25-23	
Aroclor 1242	**ND**	0.050	EPA 8082A	8-25-23	8-25-23	
Aroclor 1248	**ND**	0.050	EPA 8082A	8-25-23	8-25-23	
Aroclor 1254	**ND**	0.050	EPA 8082A	8-25-23	8-25-23	
Aroclor 1260	**ND**	0.050	EPA 8082A	8-25-23	8-25-23	
Aroclor 1262	**ND**	0.050	EPA 8082A	8-25-23	8-25-23	
Aroclor 1268	**ND**	0.050	EPA 8082A	8-25-23	8-25-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*100*	*50-127*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	08-254-01										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	**0.350**	**0.325**	0.500	0.500	ND	**70**	**65**	41-121	7	28	
Surrogate:											
DCB						*75*	*74*	*50-127*			

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Date of Report: August 28, 2023
Samples Submitted: August 23, 2023
Laboratory Reference: 2308-254
Project: Star Forge Waste Designation

TOTAL METALS
EPA 6010D/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-piping-Soil-1**					
Laboratory ID:	08-254-01					
Arsenic	**ND**	11	EPA 6010D	8-24-23	8-24-23	
Barium	**35**	2.7	EPA 6010D	8-24-23	8-24-23	
Cadmium	**ND**	0.54	EPA 6010D	8-24-23	8-24-23	
Chromium	**18**	0.54	EPA 6010D	8-24-23	8-24-23	
Copper	**58**	1.1	EPA 6010D	8-24-23	8-24-23	
Lead	**24**	5.4	EPA 6010D	8-24-23	8-24-23	
Mercury	**ND**	0.27	EPA 7471B	8-23-23	8-23-23	
Nickel	**150**	2.7	EPA 6010D	8-24-23	8-24-23	
Selenium	**ND**	11	EPA 6010D	8-24-23	8-24-23	
Silver	**ND**	1.1	EPA 6010D	8-24-23	8-24-23	
Zinc	**82**	2.7	EPA 6010D	8-24-23	8-24-23	
Client ID:	**NT-piping-Soil-2**					
Laboratory ID:	08-254-02					
Arsenic	**16**	11	EPA 6010D	8-24-23	8-24-23	
Barium	**60**	2.7	EPA 6010D	8-24-23	8-24-23	
Cadmium	**ND**	0.54	EPA 6010D	8-24-23	8-24-23	
Chromium	**46**	0.54	EPA 6010D	8-24-23	8-24-23	
Copper	**180**	1.1	EPA 6010D	8-24-23	8-24-23	
Lead	**110**	5.4	EPA 6010D	8-24-23	8-24-23	
Mercury	**ND**	0.27	EPA 7471B	8-23-23	8-23-23	
Nickel	**1100**	27	EPA 6010D	8-24-23	8-28-23	
Selenium	**ND**	11	EPA 6010D	8-24-23	8-24-23	
Silver	**ND**	1.1	EPA 6010D	8-24-23	8-24-23	
Zinc	**120**	2.7	EPA 6010D	8-24-23	8-24-23	

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Date of Report: August 28, 2023
Samples Submitted: August 23, 2023
Laboratory Reference: 2308-254
Project: Star Forge Waste Designation

TOTAL METALS
EPA 6010D/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-piping-Soil-3**					
Laboratory ID:	08-254-03					
Arsenic	**18**	11	EPA 6010D	8-24-23	8-24-23	
Barium	**54**	2.7	EPA 6010D	8-24-23	8-24-23	
Cadmium	**ND**	0.54	EPA 6010D	8-24-23	8-24-23	
Chromium	**54**	0.54	EPA 6010D	8-24-23	8-24-23	
Copper	**170**	1.1	EPA 6010D	8-24-23	8-24-23	
Lead	**46**	5.4	EPA 6010D	8-24-23	8-24-23	
Mercury	**ND**	0.27	EPA 7471B	8-23-23	8-23-23	
Nickel	**810**	27	EPA 6010D	8-24-23	8-28-23	
Selenium	**ND**	11	EPA 6010D	8-24-23	8-24-23	
Silver	**ND**	1.1	EPA 6010D	8-24-23	8-24-23	
Zinc	**150**	2.7	EPA 6010D	8-24-23	8-24-23	

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Date of Report: August 28, 2023
Samples Submitted: August 23, 2023
Laboratory Reference: 2308-254
Project: Star Forge Waste Designation

TOTAL METALS
EPA 6010D/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0824SM3					
Arsenic	**ND**	10	EPA 6010D	8-24-23	8-24-23	
Barium	**ND**	2.5	EPA 6010D	8-24-23	8-24-23	
Cadmium	**ND**	0.50	EPA 6010D	8-24-23	8-24-23	
Chromium	**ND**	0.50	EPA 6010D	8-24-23	8-24-23	
Copper	**ND**	1.0	EPA 6010D	8-24-23	8-24-23	
Lead	**ND**	5.0	EPA 6010D	8-24-23	8-24-23	
Nickel	**ND**	2.5	EPA 6010D	8-24-23	8-24-23	
Selenium	**ND**	10	EPA 6010D	8-24-23	8-24-23	
Silver	**ND**	1.0	EPA 6010D	8-24-23	8-24-23	
Zinc	**ND**	2.5	EPA 6010D	8-24-23	8-24-23	
Laboratory ID:	MB0823S1					
Mercury	**ND**	0.25	EPA 7471B	8-23-23	8-23-23	

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Date of Report: August 28, 2023
Samples Submitted: August 23, 2023
Laboratory Reference: 2308-254
Project: Star Forge Waste Designation

TOTAL METALS
EPA 6010D/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	08-266-01										
	ORIG	DUP									
Arsenic	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Barium	**44.2**	**42.8**	NA	NA		NA		NA	3	20	
Cadmium	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Chromium	**20.3**	**17.5**	NA	NA		NA		NA	15	20	
Copper	**20.6**	**19.0**	NA	NA		NA		NA	8	20	
Lead	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Nickel	**25.4**	**24.0**	NA	NA		NA		NA	6	20	
Selenium	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Silver	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Zinc	**28.7**	**27.5**	NA	NA		NA		NA	4	20	
Laboratory ID:	08-218-01										
Mercury	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	08-266-01										
	MS	MSD	MS	MSD		MS	MSD				
Arsenic	**99.9**	**99.3**	100	100	ND	**100**	**99**	75-125	1	20	
Barium	**147**	**148**	100	100	44.2	**103**	**104**	75-125	1	20	
Cadmium	**47.2**	**46.9**	50.0	50.0	ND	**94**	**94**	75-125	1	20	
Chromium	**119**	**120**	100	100	20.3	**98**	**99**	75-125	1	20	
Copper	**69.5**	**69.5**	50.0	50.0	20.6	**98**	**98**	75-125	0	20	
Lead	**249**	**248**	250	250	ND	**100**	**99**	75-125	0	20	
Nickel	**120**	**121**	100	100	25.4	**95**	**95**	75-125	0	20	
Selenium	**95.9**	**96.3**	100	100	ND	**96**	**96**	75-125	0	20	
Silver	**23.5**	**22.9**	25.0	25.0	ND	**94**	**91**	75-125	3	20	
Zinc	**129**	**130**	100	100	28.7	**100**	**101**	75-125	1	20	
Laboratory ID:	08-218-01										
Mercury	**0.507**	**0.509**	0.500	0.500	0.0124	**99**	**99**	80-120	0	20	

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Date of Report: August 28, 2023
Samples Submitted: August 23, 2023
Laboratory Reference: 2308-254
Project: Star Forge Waste Designation

% MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
NT-piping-Soil-1	08-254-01	**7**	8-23-23
NT-piping-Soil-2	08-254-02	**8**	8-23-23
NT-piping-Soil-3	08-254-03	**7**	8-23-23

This report pertains to the samples analyzed in accordance with the chain of custody,
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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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Chain of Custody

OnSite Environmental Inc.
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • Fax: (425) 885-4603

Turnaround Request (in working days)

(Check One)

- ☐ Same Day
- ☐ 1 Day
- ☐ 2 Day
- ☒ 3 Day
- ☐ Standard (Hydrocarbon analyses: 5 days, All other analyses: 7 days)
- ☐ _____ (other)

Project Manager:

Laboratory No. 08-254

Company: DH Environmental

Project No.:

Project Name: Star Forge Waste Designation

Project Manager: D. Hill

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270C	PAHs by 8270C	PCB's by 8082	Pesticides by 8081	Herbicides by 8151A	Total RCRA Metals (8) + Cu, Ni, Zn	Priority Pollutant Metals (13)	TCLP Metals	VPH	EPH					% Moisture
1	NT-piping-soil-1	8/23/23	0815	soil	4				X			X	X			X									10
2	NT-piping-soil-2	↓	0825	↓	↓				↓			↓	↓			↓									1
3	NT-piping-soil-3		0835																						

RELINQUISHED BY	DATE	RECEIVED BY	DATE
FIRM DHE	TIME 1110	FIRM CORE	TIME 1110
RELINQUISHED BY	DATE	RECEIVED BY	DATE
FIRM	TIME	FIRM	TIME

COMMENTS:

Chromatographs with final report ☐

REVIEWED BY | DATE REVIEWED

DISTRIBUTION LEGEND: White - OnSite Copy Yellow - Report Copy Pink - Client Copy

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

September 5, 2023

David Hill
DH Environmental, Inc.
1011 SW Klickitat Way, Suite 107
Seattle, WA 98103

Re: Analytical Data for Project Star Forge Waste Designation
Laboratory Reference No. 2308-254B

Dear David:

Enclosed are the analytical results and associated quality control data for samples submitted on August 23, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 5, 2023
Samples Submitted: August 23, 2023
Laboratory Reference: 2308-254B
Project: Star Forge Waste Designation

Case Narrative

Samples were collected on August 23, 2023 and received by the laboratory on August 23, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 5, 2023
Samples Submitted: August 23, 2023
Laboratory Reference: 2308-254B
Project: Star Forge Waste Designation

TCLP LEAD
EPA 1311/6010D

Matrix: TCLP Extract
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-piping-Soil-2**					
Laboratory ID:	08-254-02					
Lead	**ND**	0.20	EPA 6010D	8-30-23	8-30-23	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 5, 2023
Samples Submitted: August 23, 2023
Laboratory Reference: 2308-254B
Project: Star Forge Waste Designation

TCLP LEAD
EPA 1311/6010D
QUALITY CONTROL

Matrix: TCLP Extract
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0830TM1					
Lead	**ND**	0.20	EPA 6010D	8-30-23	8-30-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	08-071-13										
	ORIG	DUP									
Lead	**6.46**	**6.43**	NA	NA		NA		NA	1	20	
MATRIX SPIKES											
Laboratory ID:	08-071-13										
	MS	MSD	MS	MSD		MS	MSD				
Lead	**16.1**	**15.9**	10.0	10.0	6.46	**96**	**94**	75-125	1	20	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Rainier ENVIRONMENTAL

Dangerous Waste Characterization

Sample ID: NT-Piping-Soil-2

Report date: September 4, 2023

Submitted to:

OnSite Environmental
14648 NE 95th Street
Redmond, WA 98052

Rainier Environmental
5013 Pacific Hwy East
Suite 20
Tacoma, WA 98424

1.0 INTRODUCTION

A dangerous waste characterization using the test organism *Oncorhynchus mykiss* (rainbow trout) was conducted on one sample submitted by OnSite Environmental to Rainier Environmental. Testing was conducted following the Washington State Department of Ecology Publication 80-12.

2.0 METHODS

The sample, NT-Piping-Soil-2, was received in the laboratory on August 30, 2023. Upon arrival at the laboratory the sample was inspected and contents verified against information provided on the chain-of-custody form. The sample was stored at 4°C in the dark until use. The test procedure is outlined in Table 1.

Table 1. Summary of Dangerous Waste Characterization Test Conditions

Parameter	Standard Fish Toxicity Test
Test number	2308-063
Sample ID	NT-Piping-Soil-2
Test initiation date; time	8/31/2023; 1200h
Test termination date; time	9/4/2023; 1200h
Endpoint	Mortality at 96-hours
Test chamber	7.5 L Plastic tank
Test temperature	12 ± 1°C
Dilution water	Moderately hard synthetic water
Test solution volume	6 L
Test concentrations (mg/L)	100, 10, 0
Number of organisms/chamber	10
Number of replicates	3
Test organism	*Oncorhynchus mykiss* (rainbow trout)
Feeding	No feeding during test
Photoperiod	16 hours light/ 8 hours dark
Extraction	Rotary agitation (30 +/- 2 rpm) for 18 hours
Reference Toxicant	Copper sulfate
Deviations	None

The test organisms used in the test are outlined in Table 2. The sample was tested using fish received on July 12, 2023.

Table 2. Test organisms (*Oncorhynchus mykiss*)

Test organism age	70 days post swim-up (hatch date 5/31/2023)
Mean weight	0.42 g
Mean length	42 mm
Ratio of longest to shortest	1.2
Loading	0.70 g/L
Test organism source	Trout Lodge; Sumner, WA

3.0 RESULTS

A summary of results for the dangerous waste characterization conducted on NT-Piping-Soil-2 is contained in Table 3. There was no mortality during the test. Based on these results, the sample does not designate as either a dangerous or extremely hazardous waste. Copies of the laboratory bench sheets, statistical summaries of reference toxicant tests, and chain-of-custody form are provided in Appendices A through C.

Table 3. Summary of Results

Sample ID	Concentration (mg/L)	Survival (# fish, N=30)	Percent Mortality	Dangerous Waste Designation
Control	0	30	0	NA
NT-Piping-Soil-2	10	30	0	None
	100	30	0	

4.0 QUALITY ASSURANCE

The most recently completed reference toxicant test was initiated August 16, 2023. The LC_{50} of 166 µg/L copper fell within the acceptable range of mean ± two standard deviations of historical test results indicating that the test organisms were of an appropriate degree of sensitivity. The coefficient of variation (CV) for the last 20 tests was 31.3 percent, which is considered excellent by the Biomonitoring Science Advisory Board.

5.0 REFERENCES

WDOE. 2016. Laboratory Guidance and Whole Effluent Toxicity Test Review Criteria. Washington State Department of Ecology. Water Quality Program. Publication number: WQ-R-95-80, Revised June 2016.

WDOE. 2020. Biological Testing Methods 80-12 for the Designation of Dangerous Waste. Washington State Department of Ecology. Hazardous Waste and Toxics Reduction Program. Publication number: 80-12, Revised September 2020.

Appendix A

Oncorhynchus mykiss Dangerous Waste Toxicity Test

Raw Bench Sheets

Dangerous Waste Toxicity Test

Client: ONSITE ENVIRONMENTAL
Sample ID: NT-PIPING-SOIL-2
Test #: 2308-063
Log In #: T23-282

Start Date & Time: 8/31/2023 1200
End Date & Time: 9/4/2023 1200
Test Organism: *Oncorhynchus mykiss*
Test Protocol: **Washington State Department of Ecology Publ. 80-12**

Rep	Conc.	Cont #	Number of Live Organisms 0	24	48	72	96	Dissolved Oxygen (mg/L) 0	24	48	72	96	pH (units) 0	24	48	72	96	Conductivity (umhos/cm) 0	24	48	72	96	Temperature (°C) 0	24	48	72	96	Percent Survival
1	CON	4	10	10	10	10	10	9.0	8.6	8.3	8.1	7.9	7.88	7.71	7.55	7.34	7.32	323				319	12.0	12.3	11.8	12.0	12.1	
2		18	10	10	10	10	10	8.8	8.4	8.0	7.8	7.7	7.93	7.73	751	7.35	7.30	320				318						
3		23	10	10	10	10	10	8.8	8.3	8.1	8.0	7.9	7.94	7.74	7.54	7.36	7.29	321				315						
1	10PPM	14	10	10	10	10	10	9.0	8.7	8.4	8.1	8.0	7.89	7.68	7.52	7.30	7.22	322				317	12.3	12.3	12.0	12.0	12.0	
2		5	10	10	10	10	10	8.9	8.5	8.3	8.1	7.8	7.92	7.67	7.55	7.28	7.19	322				320						
3		13	10	10	10	10	10	8.9	8.4	8.1	7.9	7.8	7.93	7.70	7.49	7.33	7.23	321				321						
1	100PPM	6	10	10	10	10	10	9.1	8.7	8.4	8.3	8.2	7.93	7.67	7.49	7.31	7.27	323				324	12.1	12.4	11.9	12.0	12.1	
2		26	10	10	10	10	10	9.0	8.5	8.4	8.2	8.2	7.95	7.65	7.51	7.33	7.22	322				318						
3		3	10	10	10	10	10	9.1	8.6	8.3	8.1	8.0	7.92	7.69	7.53	7.35	7.31	323				322						
1																												
2																												
3																												
1																												
2																												
3																												
1																												
2																												
3																												
1																												
2																												
3																												
Technician Initials			LH	LH	LH	LH	LH	LH	LH	LH	LH	LH																

Sample	Alk. (init.)	Hard. (init.)	Alk. (fin.)	Hard. (fin.)	Chlorine
	(mg/L as CaCO3)				(mg/L Cl2)
Control	64	92	64	92	<0.03
100PPM	64	92	64	92	

Animal Source: TROUT LODGE
Date Received: 7/12/2023

Test Volume: 6.0L
Date of Hatch: 5/31/2023
Date of Swim up: 6/21/2023

Weights (g): .46 .39 .41 .43 .41 .38 .46 .43 .42 .43
Lengths(mm): 46 39 42 41 41 38 45 45 42 43
Length max/min: 46/38 1.2

μ = .42 Rainier Environmental
μ = 42 Washington Laboratory
5013 Pacific HWY E Suite 20
Tacoma, WA 98424

Loading: 0.70 g/L

Dilution Water Source: MASW 079

QA Check LH

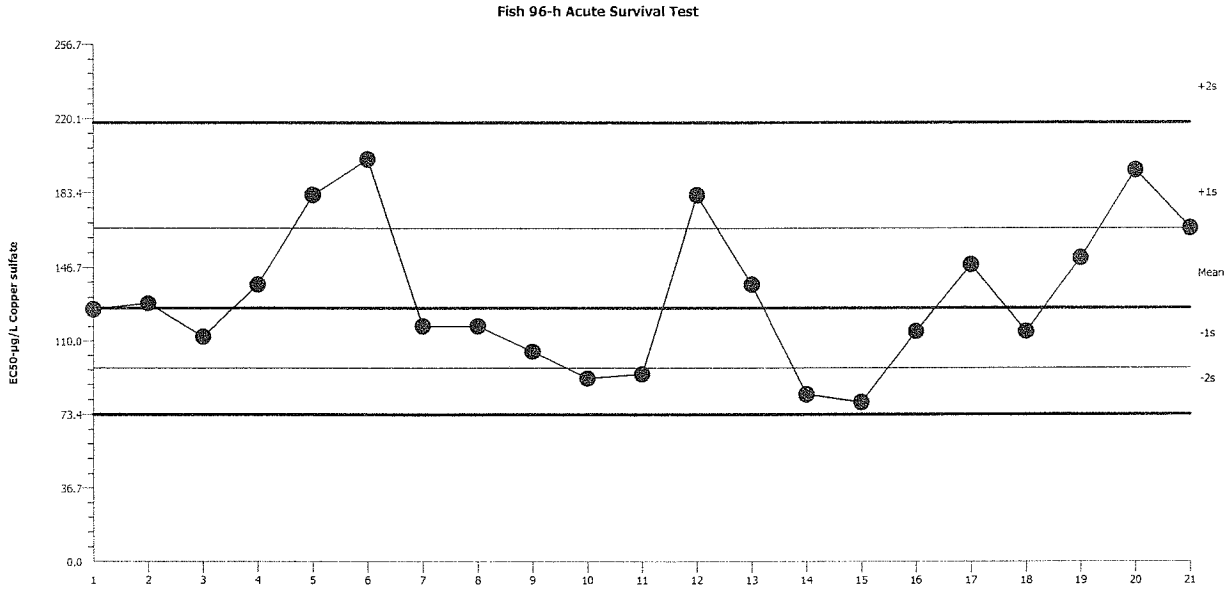
Appendix B

Reference Toxicant Test

Control Chart and Statistical Summary

Fish 96-h Acute Survival Test — **Rainier Environmental Laboratory**

Test Type:	Survival (96h)	**Organism:**	Oncorhynchus mykiss (Rainbow Tro	**Material:**	Copper sulfate
Protocol:	Not Applicable	**Endpoint:**	96h Survival Rate	**Source:**	Reference Toxicant-REF



Mean:	126.5	**Count:**	20	**-1s Warning Limit:**	96.31	**-2s Action Limit:**	73.35
Sigma:	NA	**CV:**	31.30%	**+1s Warning Limit:**	166.1	**+2s Action Limit:**	218.1

Quality Control Data

Point	Year	Month	Day	QC Data	Delta	Sigma	Warning	Action	Test ID	Analysis ID
1	2021	Dec	6	126	-0.4773	-0.01388			13-8732-0751	08-1557-4326
2	2022	Jan	5	128.9	2.468	0.07094			08-2261-8669	03-7761-6146
3		Feb	5	112.2	-14.22	-0.438			01-7899-0440	09-8784-8920
4		Mar	7	138.2	11.72	0.3254			15-8880-5349	18-5703-0746
5		Apr	11	182.3	55.88	1.343	(+)		19-4475-1025	00-2732-4149
6		May	11	200	73.53	1.683	(+)		04-3686-1214	17-7144-4708
7		Jun	13	117.6	-8.915	-0.2683			02-1194-6933	14-6655-2671
8		Jul	11	117.6	-8.915	-0.2683			18-9490-6426	20-8229-8763
9		Aug	12	104.7	-21.74	-0.6924			16-1269-6384	20-8498-8487
10		Sep	14	91.17	-35.3	-1.201	(-)		21-3997-4244	00-3631-7496
11		Oct	10	93.3	-33.17	-1.117	(-)		01-3925-6404	03-9134-1193
12		Nov	14	182.3	55.88	1.343	(+)		09-0829-7750	07-1545-0995
13		Dec	12	138.2	11.72	0.3254			02-0643-2090	02-3247-9401
14	2023	Jan	12	83.12	-43.35	-1.541	(-)		10-5717-9012	06-2162-7195
15		Feb	13	79.37	-47.1	-1.71	(-)		19-2977-9552	20-0081-1333
16		Mar	13	114.9	-11.6	-0.3532			14-1992-9075	20-3196-8530
17		Apr	14	148.1	21.64	0.5799			00-0643-4903	11-5830-8594
18		May	15	114.9	-11.6	-0.3532			06-5181-9947	15-0207-5859
19		Jun	13	151.6	25.1	0.6647			16-7900-9504	12-9379-3365
20		Jul	14	194.7	68.27	1.585	(+)		19-5463-0764	04-3793-4724
21		Aug	16	166.2	39.78	1.004	(+)		09-9289-7634	17-7520-8601

CETIS Summary Report

Fish 96-h Acute Survival Test — **Rainier Environmental Laboratory**

Batch ID:	10-3512-0978	**Test Type:**	Survival (96h)	**Analyst:**	Eric Tollefson
Start Date:	16 Aug-23 13:30	**Protocol:**	Not Applicable	**Diluent:**	Mod-Hard Synthetic Water
Ending Date:	20 Aug-23 13:30	**Species:**	Oncorhynchus mykiss	**Brine:**	
Duration:	96h	**Source:**	Trout Lodge Fish Farm	**Age:**	55d
Sample ID:	09-7638-9830	**Code:**	RA081623OM	**Client:**	Internal Lab
Sample Date:	16 Aug-23	**Material:**	Copper sulfate	**Project:**	
Receive Date:	16 Aug-23	**Source:**	Reference Toxicant		
Sample Age:	14h	**Station:**	In House		

Comparison Summary

Analysis ID	Endpoint	NOEL	LOEL	TOEL	PMSD	TU	Method
19-5429-9781	96h Survival Rate	50	100	70.71	16.9%		Dunnett Multiple Comparison Test

Point Estimate Summary

Analysis ID	Endpoint	Level	µg/L	95% LCL	95% UCL	TU	Method
17-7520-8601	96h Survival Rate	LC50	166.2	141.5	195.3		Spearman-Kärber

96h Survival Rate Summary

C-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	%Effect
0	Dilution Water	3	1	1	1	1	1	0	0	0.0%	0.0%
25		3	1	1	1	1	1	0	0	0.0%	0.0%
50		3	1	1	1	1	1	0	0	0.0%	0.0%
100		3	0.8	0.7627	0.8373	0.7	0.9	0.05774	0.1	12.5%	20.0%
200		3	0.4333	0.3394	0.5273	0.2	0.7	0.1453	0.2517	58.08%	56.67%
400		3	0	0	0	0	0	0	0		100.0%

96h Survival Rate Detail

C-µg/L	Control Type	Rep 1	Rep 2	Rep 3
0	Dilution Water	1	1	1
25		1	1	1
50		1	1	1
100		0.9	0.7	0.8
200		0.4	0.7	0.2
400		0	0	0

96h Survival Rate Binomials

C-µg/L	Control Type	Rep 1	Rep 2	Rep 3
0	Dilution Water	10/10	10/10	10/10
25		10/10	10/10	10/10
50		10/10	10/10	10/10
100		9/10	7/10	8/10
200		4/10	7/10	2/10
400		0/10	0/10	0/10

Appendix C
Chain-of-Custody Form

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 08-254

Laboratory: Rainier Environmental

Attention: Eric Tollefson

Address: 5013 Pacific Highway E, Suite 20, Fife, WA 98424

Phone Number: (253) 922-8898

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other: 1 Week

Project Manager: David Baumeister

email: dbaumeister@onsite-env.com

Project Number: Star Forge Waste Designation

Project Name:

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
	NT-piping-soil-2	8/23/23	8:25	Soil	1	Fish Bioassay (Dangerous Waste 80-12 Test)

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by: Nichelle Griffin	OSE	8/29/23	1500	T23-282
Received by: Eric Tollefson	RAINIER	8/30/23	1400	
Relinquished by:				
Received by:				
Relinquished by:				
Received by:				

Chain of Custody

OnSite Environmental Inc.
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • Fax: (425) 885-4603

Turnaround Request (in working days)

(Check One)

- ☐ Same Day
- ☐ 1 Day
- ☐ 2 Day
- ☒ 3 Day
- ☐ Standard (Hydrocarbon analyses: 5 days, All other analyses: 7 days)
- ☐ _____ (other)

Project Manager:

Laboratory No. 08-254

Company: DH Environmental

Project No.:

Project Name: Star Forge Waste Designation

Project Manager: D. Hill

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270C	PAHs by 8270C	PCB's by 8082	Pesticides by 8081	Herbicides by 8151A	Total RCRA Metals (8) +Cu, Ni, Zn	Priority Pollutant Metals (13)	TCLP ~~Metals~~ Lead	VPH	EPH	Fish Bioassay				% Moisture
1	NT-piping-soil-1	8/23/23	0815	soil	4				X			X	X			X		⊗			⊗				6
2	NT-piping-soil-2	↓	0825	↓	↓				↓			↓	↓			↓									1
3	NT-piping-soil-3		0835																						

RELINQUISHED BY	DATE	RECEIVED BY	DATE
DHE	8/23/23	COSE	8/23/23
FIRM	TIME	FIRM	TIME
DHE	1110	COSE	1110
RELINQUISHED BY	DATE	RECEIVED BY	DATE
FIRM	TIME	FIRM	TIME
REVIEWED BY		DATE REVIEWED	

COMMENTS:
⊗ Added 8/29/23 NB (1 week) Fish (1 Day) TCLP

Chromatographs with final report ☐

DISTRIBUTION LEGEND: White - OnSite Copy Yellow - Report Copy Pink - Client Copy

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

October 17, 2023

Nathan Moxley
DH Environmental, Inc.
1011 SW Klickitat Way, Suite 107
Seattle, WA 98103

Re: Analytical Data for Project Star Forge UST Site Assessment
Laboratory Reference No. 2310-177

Dear Nathan:

Enclosed are the analytical results and associated quality control data for samples submitted on October 13, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

Case Narrative

Samples were collected on October 13, 2023 and received by the laboratory on October 13, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below. However the soil results for the QA/QC samples are reported on a wet-weight basis.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Volatiles EPA 8260D Analysis

The percent recovery for Chloroethane, 1,2,4-Trichlorobenzene and 1,2,3-Trichlorobenzene is outside the control limits in the Spike Blank Duplicate. The method allows for a percentage of the compounds to fall outside of the control limits due to the large number of analytes being spiked.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**ST-piping-SS-20-6.5**					
Laboratory ID:	10-177-01					
Gasoline Range Organics	**220**	7.8	NWTPH-Gx	10-16-23	10-16-23	O
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*83*	*65-126*				
Client ID:	**ST-piping-SS-21-2.0**					
Laboratory ID:	10-177-02					
Gasoline	**ND**	4.8	NWTPH-Gx	10-16-23	10-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*89*	*65-126*				
Client ID:	**ST-piping-SS-22-2.0**					
Laboratory ID:	10-177-03					
Gasoline	**ND**	4.0	NWTPH-Gx	10-16-23	10-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*93*	*65-126*				

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

GASOLINE RANGE ORGANICS
NWTPH-Gx
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1016S1					
Gasoline	**ND**	5.0	NWTPH-Gx	10-16-23	10-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*87*	*65-126*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	10-177-03										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*93*	*90*	*65-126*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**trip blank**					
Laboratory ID:	10-177-04					
Gasoline	**ND**	100	NWTPH-Gx	10-16-23	10-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*81*	*65-122*				

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Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

GASOLINE RANGE ORGANICS
NWTPH-Gx
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1016W1					
Gasoline	**ND**	100	NWTPH-Gx	10-16-23	10-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*74*	*65-122*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	10-160-01										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*75*	*73*	*65-122*			

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Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**ST-piping-SS-20-6.5**					
Laboratory ID:	10-177-01					
Diesel Fuel #2	**3400**	140	NWTPH-Dx	10-16-23	10-16-23	
Lube Oil	**860**	290	NWTPH-Dx	10-16-23	10-16-23	N1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*129*	*50-150*				
Client ID:	**ST-piping-SS-21-2.0**					
Laboratory ID:	10-177-02					
Diesel Range Organics	**120**	28	NWTPH-Dx	10-16-23	10-16-23	
Lube Oil	**260**	56	NWTPH-Dx	10-16-23	10-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*69*	*50-150*				
Client ID:	**ST-piping-SS-22-2.0**					
Laboratory ID:	10-177-03					
Diesel Range Organics	**ND**	28	NWTPH-Dx	10-16-23	10-16-23	
Lube Oil	**190**	55	NWTPH-Dx	10-16-23	10-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*69*	*50-150*				

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Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1016S1					
Diesel Range Organics	**ND**	25	NWTPH-Dx	10-16-23	10-16-23	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	10-16-23	10-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*78*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	10-177-01										
	ORIG	DUP									
Diesel Fuel #2	**2970**	**2830**	NA	NA		NA		NA	5	40	
Lube Oil	**759**	**801**	NA	NA		NA		NA	5	40	
Surrogate:											
o-Terphenyl						*129*	*121*	*50-150*			

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Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

VOLATILE ORGANICS EPA 8260D
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**ST-piping-SS-20-6.5**					
Laboratory ID:	10-177-01					
Dichlorodifluoromethane	ND	0.048	EPA 8260D	10-16-23	10-16-23	
Chloromethane	ND	0.18	EPA 8260D	10-16-23	10-16-23	
Vinyl Chloride	ND	0.048	EPA 8260D	10-16-23	10-16-23	
Bromomethane	ND	0.18	EPA 8260D	10-16-23	10-16-23	
Chloroethane	ND	0.18	EPA 8260D	10-16-23	10-16-23	
Trichlorofluoromethane	ND	0.037	EPA 8260D	10-16-23	10-16-23	
1,1-Dichloroethene	ND	0.037	EPA 8260D	10-16-23	10-16-23	
Iodomethane	ND	0.18	EPA 8260D	10-16-23	10-16-23	
Methylene Chloride	ND	0.18	EPA 8260D	10-16-23	10-16-23	
(trans) 1,2-Dichloroethene	ND	0.037	EPA 8260D	10-16-23	10-16-23	
Methyl t-Butyl Ether	ND	0.037	EPA 8260D	10-16-23	10-16-23	
1,1-Dichloroethane	ND	0.037	EPA 8260D	10-16-23	10-16-23	
2,2-Dichloropropane	ND	0.037	EPA 8260D	10-16-23	10-16-23	
(cis) 1,2-Dichloroethene	ND	0.037	EPA 8260D	10-16-23	10-16-23	
Bromochloromethane	ND	0.037	EPA 8260D	10-16-23	10-16-23	
Chloroform	ND	0.037	EPA 8260D	10-16-23	10-16-23	
1,1,1-Trichloroethane	ND	0.037	EPA 8260D	10-16-23	10-16-23	
Carbon Tetrachloride	ND	0.037	EPA 8260D	10-16-23	10-16-23	
1,1-Dichloropropene	ND	0.037	EPA 8260D	10-16-23	10-16-23	
Benzene	ND	0.037	EPA 8260D	10-16-23	10-16-23	
1,2-Dichloroethane	ND	0.037	EPA 8260D	10-16-23	10-16-23	
Trichloroethene	ND	0.037	EPA 8260D	10-16-23	10-16-23	
1,2-Dichloropropane	ND	0.037	EPA 8260D	10-16-23	10-16-23	
Dibromomethane	ND	0.037	EPA 8260D	10-16-23	10-16-23	
Bromodichloromethane	ND	0.037	EPA 8260D	10-16-23	10-16-23	
2-Chloroethyl Vinyl Ether	ND	0.18	EPA 8260D	10-16-23	10-16-23	
(cis) 1,3-Dichloropropene	ND	0.037	EPA 8260D	10-16-23	10-16-23	
Toluene	0.40	0.18	EPA 8260D	10-16-23	10-16-23	

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Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**ST-piping-SS-20-6.5**					
Laboratory ID:	10-177-01					
(trans) 1,3-Dichloropropene	ND	0.037	EPA 8260D	10-16-23	10-16-23	
1,1,2-Trichloroethane	ND	0.037	EPA 8260D	10-16-23	10-16-23	
Tetrachloroethene	ND	0.037	EPA 8260D	10-16-23	10-16-23	
1,3-Dichloropropane	ND	0.037	EPA 8260D	10-16-23	10-16-23	
Dibromochloromethane	ND	0.037	EPA 8260D	10-16-23	10-16-23	
1,2-Dibromoethane	ND	0.037	EPA 8260D	10-16-23	10-16-23	
Chlorobenzene	ND	0.037	EPA 8260D	10-16-23	10-16-23	
1,1,1,2-Tetrachloroethane	ND	0.037	EPA 8260D	10-16-23	10-16-23	
Ethylbenzene	0.46	0.037	EPA 8260D	10-16-23	10-16-23	
m,p-Xylene	2.1	0.073	EPA 8260D	10-16-23	10-16-23	
o-Xylene	0.87	0.037	EPA 8260D	10-16-23	10-16-23	
Bromoform	ND	0.18	EPA 8260D	10-16-23	10-16-23	
Bromobenzene	ND	0.037	EPA 8260D	10-16-23	10-16-23	
1,1,2,2-Tetrachloroethane	ND	0.037	EPA 8260D	10-16-23	10-16-23	
1,2,3-Trichloropropane	ND	0.037	EPA 8260D	10-16-23	10-16-23	
2-Chlorotoluene	ND	0.037	EPA 8260D	10-16-23	10-16-23	
4-Chlorotoluene	ND	0.037	EPA 8260D	10-16-23	10-16-23	
1,3-Dichlorobenzene	ND	0.037	EPA 8260D	10-16-23	10-16-23	
1,4-Dichlorobenzene	ND	0.037	EPA 8260D	10-16-23	10-16-23	
1,2-Dichlorobenzene	ND	0.037	EPA 8260D	10-16-23	10-16-23	
1,2-Dibromo-3-chloropropane	ND	0.18	EPA 8260D	10-16-23	10-16-23	
1,2,4-Trichlorobenzene	ND	0.037	EPA 8260D	10-16-23	10-16-23	
Hexachlorobutadiene	ND	0.18	EPA 8260D	10-16-23	10-16-23	
1,2,3-Trichlorobenzene	ND	0.037	EPA 8260D	10-16-23	10-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*96*	*75-130*				
Toluene-d8	*96*	*78-128*				
4-Bromofluorobenzene	*107*	*71-130*				

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Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

VOLATILE ORGANICS EPA 8260D
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**ST-piping-SS-21-2.0**					
Laboratory ID:	10-177-02					
Dichlorodifluoromethane	ND	0.0011	EPA 8260D	10-16-23	10-16-23	
Chloromethane	ND	0.0041	EPA 8260D	10-16-23	10-16-23	
Vinyl Chloride	ND	0.0011	EPA 8260D	10-16-23	10-16-23	
Bromomethane	ND	0.0041	EPA 8260D	10-16-23	10-16-23	
Chloroethane	ND	0.0041	EPA 8260D	10-16-23	10-16-23	
Trichlorofluoromethane	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
1,1-Dichloroethene	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
Iodomethane	ND	0.0041	EPA 8260D	10-16-23	10-16-23	
Methylene Chloride	ND	0.0041	EPA 8260D	10-16-23	10-16-23	
(trans) 1,2-Dichloroethene	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
Methyl t-Butyl Ether	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
1,1-Dichloroethane	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
2,2-Dichloropropane	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
(cis) 1,2-Dichloroethene	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
Bromochloromethane	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
Chloroform	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
1,1,1-Trichloroethane	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
Carbon Tetrachloride	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
1,1-Dichloropropene	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
Benzene	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
1,2-Dichloroethane	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
Trichloroethene	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
1,2-Dichloropropane	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
Dibromomethane	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
Bromodichloromethane	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
2-Chloroethyl Vinyl Ether	ND	0.0041	EPA 8260D	10-16-23	10-16-23	
(cis) 1,3-Dichloropropene	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
Toluene	ND	0.0041	EPA 8260D	10-16-23	10-16-23	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**ST-piping-SS-21-2.0**					
Laboratory ID:	10-177-02					
(trans) 1,3-Dichloropropene	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
1,1,2-Trichloroethane	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
Tetrachloroethene	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
1,3-Dichloropropane	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
Dibromochloromethane	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
1,2-Dibromoethane	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
Chlorobenzene	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
1,1,1,2-Tetrachloroethane	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
Ethylbenzene	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
m,p-Xylene	ND	0.0016	EPA 8260D	10-16-23	10-16-23	
o-Xylene	0.0012	0.00082	EPA 8260D	10-16-23	10-16-23	
Bromoform	ND	0.0041	EPA 8260D	10-16-23	10-16-23	
Bromobenzene	ND	0.050	EPA 8260D	10-16-23	10-16-23	
1,1,2,2-Tetrachloroethane	ND	0.050	EPA 8260D	10-16-23	10-16-23	
1,2,3-Trichloropropane	ND	0.050	EPA 8260D	10-16-23	10-16-23	
2-Chlorotoluene	ND	0.050	EPA 8260D	10-16-23	10-16-23	
4-Chlorotoluene	ND	0.050	EPA 8260D	10-16-23	10-16-23	
1,3-Dichlorobenzene	ND	0.050	EPA 8260D	10-16-23	10-16-23	
1,4-Dichlorobenzene	ND	0.050	EPA 8260D	10-16-23	10-16-23	
1,2-Dichlorobenzene	ND	0.050	EPA 8260D	10-16-23	10-16-23	
1,2-Dibromo-3-chloropropane	ND	0.25	EPA 8260D	10-16-23	10-16-23	
1,2,4-Trichlorobenzene	ND	0.050	EPA 8260D	10-16-23	10-16-23	
Hexachlorobutadiene	ND	0.25	EPA 8260D	10-16-23	10-16-23	
1,2,3-Trichlorobenzene	ND	0.050	EPA 8260D	10-16-23	10-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*100*	*75-130*				
Toluene-d8	*90*	*78-128*				
4-Bromofluorobenzene	*93*	*71-130*				

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Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

VOLATILE ORGANICS EPA 8260D
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**ST-piping-SS-22-2.0**					
Laboratory ID:	10-177-03					
Dichlorodifluoromethane	ND	0.00096	EPA 8260D	10-16-23	10-16-23	
Chloromethane	ND	0.0037	EPA 8260D	10-16-23	10-16-23	
Vinyl Chloride	ND	0.00096	EPA 8260D	10-16-23	10-16-23	
Bromomethane	ND	0.0037	EPA 8260D	10-16-23	10-16-23	
Chloroethane	ND	0.0037	EPA 8260D	10-16-23	10-16-23	
Trichlorofluoromethane	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
1,1-Dichloroethene	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
Iodomethane	ND	0.0037	EPA 8260D	10-16-23	10-16-23	
Methylene Chloride	ND	0.0037	EPA 8260D	10-16-23	10-16-23	
(trans) 1,2-Dichloroethene	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
Methyl t-Butyl Ether	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
1,1-Dichloroethane	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
2,2-Dichloropropane	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
(cis) 1,2-Dichloroethene	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
Bromochloromethane	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
Chloroform	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
1,1,1-Trichloroethane	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
Carbon Tetrachloride	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
1,1-Dichloropropene	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
Benzene	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
1,2-Dichloroethane	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
Trichloroethene	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
1,2-Dichloropropane	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
Dibromomethane	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
Bromodichloromethane	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
2-Chloroethyl Vinyl Ether	ND	0.0037	EPA 8260D	10-16-23	10-16-23	
(cis) 1,3-Dichloropropene	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
Toluene	ND	0.0037	EPA 8260D	10-16-23	10-16-23	

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Laboratory Reference: 2310-177
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**ST-piping-SS-22-2.0**					
Laboratory ID:	10-177-03					
(trans) 1,3-Dichloropropene	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
1,1,2-Trichloroethane	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
Tetrachloroethene	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
1,3-Dichloropropane	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
Dibromochloromethane	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
1,2-Dibromoethane	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
Chlorobenzene	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
1,1,1,2-Tetrachloroethane	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
Ethylbenzene	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
m,p-Xylene	ND	0.0015	EPA 8260D	10-16-23	10-16-23	
o-Xylene	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
Bromoform	ND	0.0037	EPA 8260D	10-16-23	10-16-23	
Bromobenzene	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
1,1,2,2-Tetrachloroethane	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
1,2,3-Trichloropropane	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
2-Chlorotoluene	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
4-Chlorotoluene	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
1,3-Dichlorobenzene	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
1,4-Dichlorobenzene	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
1,2-Dichlorobenzene	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
1,2-Dibromo-3-chloropropane	ND	0.0037	EPA 8260D	10-16-23	10-16-23	
1,2,4-Trichlorobenzene	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
Hexachlorobutadiene	ND	0.0037	EPA 8260D	10-16-23	10-16-23	
1,2,3-Trichlorobenzene	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*100*	*75-130*				
Toluene-d8	*92*	*78-128*				
4-Bromofluorobenzene	*95*	*71-130*				

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Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1016S1					
Dichlorodifluoromethane	ND	0.0013	EPA 8260D	10-16-23	10-16-23	
Chloromethane	ND	0.0050	EPA 8260D	10-16-23	10-16-23	
Vinyl Chloride	ND	0.0013	EPA 8260D	10-16-23	10-16-23	
Bromomethane	ND	0.0050	EPA 8260D	10-16-23	10-16-23	
Chloroethane	ND	0.0050	EPA 8260D	10-16-23	10-16-23	
Trichlorofluoromethane	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
1,1-Dichloroethene	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
Iodomethane	ND	0.0050	EPA 8260D	10-16-23	10-16-23	
Methylene Chloride	ND	0.0050	EPA 8260D	10-16-23	10-16-23	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
1,1-Dichloroethane	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
2,2-Dichloropropane	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
Bromochloromethane	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
Chloroform	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
Carbon Tetrachloride	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
1,1-Dichloropropene	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
Benzene	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
1,2-Dichloroethane	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
Trichloroethene	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
1,2-Dichloropropane	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
Dibromomethane	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
Bromodichloromethane	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260D	10-16-23	10-16-23	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
Toluene	ND	0.0050	EPA 8260D	10-16-23	10-16-23	

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Project: Star Forge UST Site Assessment

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QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1016S1					
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
1,1,2-Trichloroethane	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
Tetrachloroethene	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
1,3-Dichloropropane	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
Dibromochloromethane	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
1,2-Dibromoethane	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
Chlorobenzene	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
Ethylbenzene	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
m,p-Xylene	ND	0.0020	EPA 8260D	10-16-23	10-16-23	
o-Xylene	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
Bromoform	ND	0.0050	EPA 8260D	10-16-23	10-16-23	
Bromobenzene	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
2-Chlorotoluene	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
4-Chlorotoluene	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260D	10-16-23	10-16-23	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
Hexachlorobutadiene	ND	0.0050	EPA 8260D	10-16-23	10-16-23	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*98*	*75-130*				
Toluene-d8	*95*	*78-128*				
4-Bromofluorobenzene	*96*	*71-130*				

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Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
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Project: Star Forge UST Site Assessment

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Matrix: Soil
Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1016S1									
	SB	SBD	SB	SBD	SB	SBD				
Dichlorodifluoromethane	**0.0382**	**0.0378**	0.0500	0.0500	76	76	30-160	1	26	
Chloromethane	**0.0437**	**0.0437**	0.0500	0.0500	87	87	59-131	0	26	
Vinyl Chloride	**0.0387**	**0.0382**	0.0500	0.0500	77	76	68-136	1	23	
Bromomethane	**0.0439**	**0.0437**	0.0500	0.0500	88	87	48-155	0	32	
Chloroethane	**0.0471**	**0.0468**	0.0500	0.0500	94	94	67-141	1	16	
Trichlorofluoromethane	**0.0490**	**0.0484**	0.0500	0.0500	98	97	76-127	1	19	
1,1-Dichloroethene	**0.0469**	**0.0478**	0.0500	0.0500	94	96	75-129	2	19	
Iodomethane	**0.0454**	**0.0433**	0.0500	0.0500	91	87	37-140	5	27	
Methylene Chloride	**0.0470**	**0.0482**	0.0500	0.0500	94	96	60-124	3	18	
(trans) 1,2-Dichloroethene	**0.0475**	**0.0481**	0.0500	0.0500	95	96	79-133	1	15	
Methyl t-Butyl Ether	**0.0520**	**0.0531**	0.0500	0.0500	104	106	73-125	2	17	
1,1-Dichloroethane	**0.0472**	**0.0473**	0.0500	0.0500	94	95	79-125	0	17	
2,2-Dichloropropane	**0.0478**	**0.0492**	0.0500	0.0500	96	98	79-126	3	18	
(cis) 1,2-Dichloroethene	**0.0469**	**0.0473**	0.0500	0.0500	94	95	75-131	1	15	
Bromochloromethane	**0.0509**	**0.0521**	0.0500	0.0500	102	104	80-126	2	15	
Chloroform	**0.0474**	**0.0480**	0.0500	0.0500	95	96	80-123	1	15	
1,1,1-Trichloroethane	**0.0472**	**0.0478**	0.0500	0.0500	94	96	78-124	1	21	
Carbon Tetrachloride	**0.0480**	**0.0481**	0.0500	0.0500	96	96	74-127	0	18	
1,1-Dichloropropene	**0.0470**	**0.0480**	0.0500	0.0500	94	96	80-123	2	15	
Benzene	**0.0462**	**0.0459**	0.0500	0.0500	92	92	80-122	1	18	
1,2-Dichloroethane	**0.0502**	**0.0515**	0.0500	0.0500	100	103	75-124	3	15	
Trichloroethene	**0.0470**	**0.0473**	0.0500	0.0500	94	95	80-129	1	18	
1,2-Dichloropropane	**0.0481**	**0.0489**	0.0500	0.0500	96	98	80-123	2	15	
Dibromomethane	**0.0494**	**0.0512**	0.0500	0.0500	99	102	80-123	4	15	
Bromodichloromethane	**0.0495**	**0.0491**	0.0500	0.0500	99	98	80-129	1	15	
(cis) 1,3-Dichloropropene	**0.0515**	**0.0521**	0.0500	0.0500	103	104	80-130	1	15	
Toluene	**0.0441**	**0.0446**	0.0500	0.0500	88	89	80-120	1	18	
(trans) 1,3-Dichloropropene	**0.0561**	**0.0567**	0.0500	0.0500	112	113	80-124	1	15	

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Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1016S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1,2-Trichloroethane	**0.0539**	**0.0576**	0.0500	0.0500	108	115	80-120	7	15	
Tetrachloroethene	**0.0515**	**0.0520**	0.0500	0.0500	103	104	77-126	1	15	
1,3-Dichloropropane	**0.0530**	**0.0554**	0.0500	0.0500	106	111	77-123	4	15	
Dibromochloromethane	**0.0549**	**0.0565**	0.0500	0.0500	110	113	80-128	3	16	
1,2-Dibromoethane	**0.0551**	**0.0570**	0.0500	0.0500	110	114	80-122	3	20	
Chlorobenzene	**0.0513**	**0.0523**	0.0500	0.0500	103	105	80-120	2	18	
1,1,1,2-Tetrachloroethane	**0.0521**	**0.0533**	0.0500	0.0500	104	107	80-120	2	15	
Ethylbenzene	**0.0504**	**0.0511**	0.0500	0.0500	101	102	80-120	1	15	
m,p-Xylene	**0.105**	**0.105**	0.100	0.100	105	105	80-120	0	15	
o-Xylene	**0.0519**	**0.0520**	0.0500	0.0500	104	104	80-120	0	15	
Bromoform	**0.0553**	**0.0584**	0.0500	0.0500	111	117	78-126	5	15	
Bromobenzene	**0.0525**	**0.0538**	0.0500	0.0500	105	108	79-124	2	15	
1,1,2,2-Tetrachloroethane	**0.0535**	**0.0563**	0.0500	0.0500	107	113	75-122	5	17	
1,2,3-Trichloropropane	**0.0560**	**0.0589**	0.0500	0.0500	112	118	72-125	5	20	
2-Chlorotoluene	**0.0525**	**0.0526**	0.0500	0.0500	105	105	75-128	0	15	
4-Chlorotoluene	**0.0556**	**0.0577**	0.0500	0.0500	111	115	78-127	4	16	
1,3-Dichlorobenzene	**0.0526**	**0.0538**	0.0500	0.0500	105	108	78-123	2	17	
1,4-Dichlorobenzene	**0.0547**	**0.0548**	0.0500	0.0500	109	110	77-121	0	17	
1,2-Dichlorobenzene	**0.0562**	**0.0569**	0.0500	0.0500	112	114	80-120	1	15	
1,2-Dibromo-3-chloropropane	**0.0569**	**0.0647**	0.0500	0.0500	114	129	61-137	13	28	
1,2,4-Trichlorobenzene	**0.0543**	**0.0530**	0.0500	0.0500	109	106	77-127	2	17	
Hexachlorobutadiene	**0.0456**	**0.0463**	0.0500	0.0500	91	93	77-125	2	22	
1,2,3-Trichlorobenzene	**0.0584**	**0.0593**	0.0500	0.0500	117	119	77-124	2	19	
Surrogate:										
Dibromofluoromethane					*98*	*97*	*75-130*			
Toluene-d8					*95*	*95*	*78-128*			
4-Bromofluorobenzene					*106*	*108*	*71-130*			

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Date of Report: October 17, 2023
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Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**trip blank**					
Laboratory ID:	10-177-04					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Chloromethane	ND	1.3	EPA 8260D	10-16-23	10-16-23	
Vinyl Chloride	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Bromomethane	ND	1.0	EPA 8260D	10-16-23	10-16-23	
Chloroethane	ND	1.0	EPA 8260D	10-16-23	10-16-23	
Trichlorofluoromethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,1-Dichloroethene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Iodomethane	ND	5.0	EPA 8260D	10-16-23	10-16-23	
Methylene Chloride	ND	1.0	EPA 8260D	10-16-23	10-16-23	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,1-Dichloroethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
2,2-Dichloropropane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Bromochloromethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Chloroform	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Carbon Tetrachloride	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,1-Dichloropropene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Benzene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,2-Dichloroethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Trichloroethene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,2-Dichloropropane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Dibromomethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Bromodichloromethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Toluene	ND	1.0	EPA 8260D	10-16-23	10-16-23	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	10-16-23	10-16-23	

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Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**trip blank**					
Laboratory ID:	10-177-04					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Tetrachloroethene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,3-Dichloropropane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Dibromochloromethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,2-Dibromoethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Chlorobenzene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Ethylbenzene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
m,p-Xylene	ND	0.40	EPA 8260D	10-16-23	10-16-23	
o-Xylene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Bromoform	ND	1.0	EPA 8260D	10-16-23	10-16-23	
Bromobenzene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
2-Chlorotoluene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
4-Chlorotoluene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	10-16-23	10-16-23	
1,2,4-Trichlorobenzene	ND	1.0	EPA 8260D	10-16-23	10-16-23	
Hexachlorobutadiene	ND	1.0	EPA 8260D	10-16-23	10-16-23	
1,2,3-Trichlorobenzene	ND	1.0	EPA 8260D	10-16-23	10-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*108*	*75-127*				
Toluene-d8	*108*	*80-127*				
4-Bromofluorobenzene	*94*	*78-125*				

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Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1016W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Chloromethane	ND	1.3	EPA 8260D	10-16-23	10-16-23	
Vinyl Chloride	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Bromomethane	ND	1.0	EPA 8260D	10-16-23	10-16-23	
Chloroethane	ND	1.0	EPA 8260D	10-16-23	10-16-23	
Trichlorofluoromethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,1-Dichloroethene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Iodomethane	ND	5.0	EPA 8260D	10-16-23	10-16-23	
Methylene Chloride	ND	1.0	EPA 8260D	10-16-23	10-16-23	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,1-Dichloroethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
2,2-Dichloropropane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Bromochloromethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Chloroform	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Carbon Tetrachloride	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,1-Dichloropropene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Benzene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,2-Dichloroethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Trichloroethene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,2-Dichloropropane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Dibromomethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Bromodichloromethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Toluene	ND	1.0	EPA 8260D	10-16-23	10-16-23	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	10-16-23	10-16-23	

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Date of Report: October 17, 2023
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1016W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Tetrachloroethene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,3-Dichloropropane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Dibromochloromethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,2-Dibromoethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Chlorobenzene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Ethylbenzene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
m,p-Xylene	ND	0.40	EPA 8260D	10-16-23	10-16-23	
o-Xylene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Bromoform	ND	1.0	EPA 8260D	10-16-23	10-16-23	
Bromobenzene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
2-Chlorotoluene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
4-Chlorotoluene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	10-16-23	10-16-23	
1,2,4-Trichlorobenzene	ND	1.0	EPA 8260D	10-16-23	10-16-23	
Hexachlorobutadiene	ND	1.0	EPA 8260D	10-16-23	10-16-23	
1,2,3-Trichlorobenzene	ND	1.0	EPA 8260D	10-16-23	10-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*104*	*75-127*				
Toluene-d8	*106*	*80-127*				
4-Bromofluorobenzene	*102*	*78-125*				

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Date of Report: October 17, 2023
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QUALITY CONTROL
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Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1016W1									
	SB	SBD	SB	SBD	SB	SBD				
Dichlorodifluoromethane	**11.4**	**9.59**	10.0	10.0	114	96	34-166	17	21	
Chloromethane	**7.69**	**6.63**	10.0	10.0	77	66	63-138	15	18	
Vinyl Chloride	**9.12**	**8.03**	10.0	10.0	91	80	71-135	13	20	
Bromomethane	**11.4**	**10.1**	10.0	10.0	114	101	20-151	12	36	
Chloroethane	**8.59**	**7.29**	10.0	10.0	86	73	76-125	16	20	I
Trichlorofluoromethane	**10.3**	**9.42**	10.0	10.0	103	94	75-131	9	19	
1,1-Dichloroethene	**10.1**	**9.00**	10.0	10.0	101	90	78-125	12	19	
Iodomethane	**13.3**	**12.1**	10.0	10.0	133	121	10-155	9	40	
Methylene Chloride	**9.44**	**8.62**	10.0	10.0	94	86	80-120	9	15	
(trans) 1,2-Dichloroethene	**9.52**	**8.82**	10.0	10.0	95	88	80-125	8	17	
Methyl t-Butyl Ether	**10.1**	**9.23**	10.0	10.0	101	92	80-122	9	15	
1,1-Dichloroethane	**9.61**	**8.69**	10.0	10.0	96	87	80-125	10	17	
2,2-Dichloropropane	**11.5**	**10.9**	10.0	10.0	115	109	80-146	5	21	
(cis) 1,2-Dichloroethene	**10.0**	**9.32**	10.0	10.0	100	93	80-129	7	17	
Bromochloromethane	**9.81**	**9.31**	10.0	10.0	98	93	80-125	5	18	
Chloroform	**9.93**	**9.12**	10.0	10.0	99	91	80-123	9	16	
1,1,1-Trichloroethane	**10.1**	**9.13**	10.0	10.0	101	91	80-123	10	18	
Carbon Tetrachloride	**10.4**	**9.59**	10.0	10.0	104	96	80-126	8	17	
1,1-Dichloropropene	**10.0**	**9.31**	10.0	10.0	100	93	80-126	7	18	
Benzene	**9.37**	**8.53**	10.0	10.0	94	85	80-121	9	16	
1,2-Dichloroethane	**11.1**	**10.3**	10.0	10.0	111	103	80-124	7	15	
Trichloroethene	**10.5**	**9.54**	10.0	10.0	105	95	80-122	10	18	
1,2-Dichloropropane	**9.46**	**8.85**	10.0	10.0	95	89	80-123	7	15	
Dibromomethane	**10.4**	**9.64**	10.0	10.0	104	96	80-123	8	15	
Bromodichloromethane	**10.8**	**9.70**	10.0	10.0	108	97	80-125	11	15	
(cis) 1,3-Dichloropropene	**10.6**	**9.81**	10.0	10.0	106	98	80-129	8	15	
Toluene	**9.63**	**9.18**	10.0	10.0	96	92	80-120	5	18	
(trans) 1,3-Dichloropropene	**11.9**	**11.1**	10.0	10.0	119	111	80-134	7	17	

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Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
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Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1016W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1,2-Trichloroethane	**9.97**	**9.87**	10.0	10.0	100	99	77-126	1	20	
Tetrachloroethene	**11.5**	**11.0**	10.0	10.0	115	110	80-124	4	18	
1,3-Dichloropropane	**10.5**	**10.1**	10.0	10.0	105	101	80-120	4	15	
Dibromochloromethane	**11.5**	**10.6**	10.0	10.0	115	106	80-128	8	15	
1,2-Dibromoethane	**11.6**	**10.6**	10.0	10.0	116	106	80-127	9	15	
Chlorobenzene	**11.2**	**11.0**	10.0	10.0	112	110	80-120	2	17	
1,1,1,2-Tetrachloroethane	**11.2**	**10.9**	10.0	10.0	112	109	80-125	3	17	
Ethylbenzene	**11.0**	**10.6**	10.0	10.0	110	106	80-125	4	18	
m,p-Xylene	**22.3**	**21.7**	20.0	20.0	112	109	80-127	3	18	
o-Xylene	**10.9**	**10.7**	10.0	10.0	109	107	80-126	2	18	
Bromoform	**12.6**	**12.0**	10.0	10.0	126	120	80-130	5	15	
Bromobenzene	**11.1**	**10.5**	10.0	10.0	111	105	76-128	6	16	
1,1,2,2-Tetrachloroethane	**10.3**	**10.3**	10.0	10.0	103	103	74-130	0	15	
1,2,3-Trichloropropane	**9.95**	**9.79**	10.0	10.0	100	98	71-129	2	25	
2-Chlorotoluene	**11.2**	**11.4**	10.0	10.0	112	114	80-128	2	18	
4-Chlorotoluene	**11.4**	**11.2**	10.0	10.0	114	112	80-130	2	19	
1,3-Dichlorobenzene	**11.6**	**11.4**	10.0	10.0	116	114	80-126	2	17	
1,4-Dichlorobenzene	**11.3**	**11.3**	10.0	10.0	113	113	80-121	0	17	
1,2-Dichlorobenzene	**11.4**	**11.3**	10.0	10.0	114	113	79-125	1	15	
1,2-Dibromo-3-chloropropane	**11.7**	**11.4**	10.0	10.0	117	114	73-133	3	15	
1,2,4-Trichlorobenzene	**13.6**	**14.5**	10.0	10.0	136	145	80-139	6	18	I
Hexachlorobutadiene	**12.8**	**13.1**	10.0	10.0	128	131	80-151	2	18	
1,2,3-Trichlorobenzene	**13.9**	**15.1**	10.0	10.0	139	151	75-146	8	28	I
Surrogate:										
Dibromofluoromethane					*104*	*102*	*75-127*			
Toluene-d8					*111*	*109*	*80-127*			
4-Bromofluorobenzene					*100*	*103*	*78-125*			

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Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**ST-piping-SS-20-6.5**					
Laboratory ID:	10-177-01					
Naphthalene	**2.1**	0.030	EPA 8270E/SIM	10-16-23	10-16-23	
2-Methylnaphthalene	**6.6**	0.15	EPA 8270E/SIM	10-16-23	10-17-23	
1-Methylnaphthalene	**4.6**	0.15	EPA 8270E/SIM	10-16-23	10-17-23	
Benzo[a]anthracene	**ND**	0.030	EPA 8270E/SIM	10-16-23	10-16-23	
Chrysene	**0.071**	0.030	EPA 8270E/SIM	10-16-23	10-16-23	
Benzo[b]fluoranthene	**0.045**	0.030	EPA 8270E/SIM	10-16-23	10-16-23	
Benzo(j,k)fluoranthene	**ND**	0.030	EPA 8270E/SIM	10-16-23	10-16-23	
Benzo[a]pyrene	**0.034**	0.030	EPA 8270E/SIM	10-16-23	10-16-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.030	EPA 8270E/SIM	10-16-23	10-16-23	
Dibenz[a,h]anthracene	**ND**	0.030	EPA 8270E/SIM	10-16-23	10-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*69*	*39-111*				
Pyrene-d10	*97*	*47-114*				
Terphenyl-d14	*76*	*44-121*				

Client ID:	**ST-piping-SS-21-2.0**					
Laboratory ID:	10-177-02					
Naphthalene	**ND**	0.030	EPA 8270E/SIM	10-16-23	10-16-23	
2-Methylnaphthalene	**ND**	0.030	EPA 8270E/SIM	10-16-23	10-16-23	
1-Methylnaphthalene	**ND**	0.030	EPA 8270E/SIM	10-16-23	10-16-23	
Benzo[a]anthracene	**0.11**	0.030	EPA 8270E/SIM	10-16-23	10-16-23	
Chrysene	**0.13**	0.030	EPA 8270E/SIM	10-16-23	10-16-23	
Benzo[b]fluoranthene	**0.18**	0.030	EPA 8270E/SIM	10-16-23	10-16-23	
Benzo(j,k)fluoranthene	**0.056**	0.030	EPA 8270E/SIM	10-16-23	10-16-23	
Benzo[a]pyrene	**0.13**	0.030	EPA 8270E/SIM	10-16-23	10-16-23	
Indeno(1,2,3-c,d)pyrene	**0.16**	0.030	EPA 8270E/SIM	10-16-23	10-16-23	
Dibenz[a,h]anthracene	**0.031**	0.030	EPA 8270E/SIM	10-16-23	10-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*80*	*39-111*				
Pyrene-d10	*91*	*47-114*				
Terphenyl-d14	*93*	*44-121*				

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Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**ST-piping-SS-22-2.0**					
Laboratory ID:	10-177-03					
Naphthalene	**ND**	0.029	EPA 8270E/SIM	10-16-23	10-16-23	
2-Methylnaphthalene	**ND**	0.029	EPA 8270E/SIM	10-16-23	10-16-23	
1-Methylnaphthalene	**ND**	0.029	EPA 8270E/SIM	10-16-23	10-16-23	
Benzo[a]anthracene	**0.57**	0.029	EPA 8270E/SIM	10-16-23	10-16-23	
Chrysene	**0.59**	0.029	EPA 8270E/SIM	10-16-23	10-16-23	
Benzo[b]fluoranthene	**0.68**	0.029	EPA 8270E/SIM	10-16-23	10-16-23	
Benzo(j,k)fluoranthene	**0.23**	0.029	EPA 8270E/SIM	10-16-23	10-16-23	
Benzo[a]pyrene	**0.63**	0.029	EPA 8270E/SIM	10-16-23	10-16-23	
Indeno(1,2,3-c,d)pyrene	**0.37**	0.029	EPA 8270E/SIM	10-16-23	10-16-23	
Dibenz[a,h]anthracene	**0.088**	0.029	EPA 8270E/SIM	10-16-23	10-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*74*	*39-111*				
Pyrene-d10	*87*	*47-114*				
Terphenyl-d14	*92*	*44-121*				

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PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1016S1					
Naphthalene	**ND**	0.0067	EPA 8270E/SIM	10-16-23	10-16-23	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270E/SIM	10-16-23	10-16-23	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270E/SIM	10-16-23	10-16-23	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270E/SIM	10-16-23	10-16-23	
Chrysene	**ND**	0.0067	EPA 8270E/SIM	10-16-23	10-16-23	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270E/SIM	10-16-23	10-16-23	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270E/SIM	10-16-23	10-16-23	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270E/SIM	10-16-23	10-16-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0067	EPA 8270E/SIM	10-16-23	10-16-23	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270E/SIM	10-16-23	10-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*80*	*39-111*				
Pyrene-d10	*87*	*47-114*				
Terphenyl-d14	*92*	*44-121*				

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Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1016S1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.0700**	**0.0664**	0.0833	0.0833	84	80	57-116	5	16	
Acenaphthylene	**0.0796**	**0.0743**	0.0833	0.0833	96	89	59-124	7	15	
Acenaphthene	**0.0749**	**0.0709**	0.0833	0.0833	90	85	59-124	5	15	
Fluorene	**0.0739**	**0.0752**	0.0833	0.0833	89	90	62-122	2	15	
Phenanthrene	**0.0685**	**0.0776**	0.0833	0.0833	82	93	62-119	12	15	
Anthracene	**0.0749**	**0.0863**	0.0833	0.0833	90	104	64-123	14	15	
Fluoranthene	**0.0757**	**0.0820**	0.0833	0.0833	91	98	63-123	8	15	
Pyrene	**0.0772**	**0.0822**	0.0833	0.0833	93	99	62-124	6	15	
Benzo[a]anthracene	**0.0756**	**0.0754**	0.0833	0.0833	91	91	59-131	0	15	
Chrysene	**0.0784**	**0.0790**	0.0833	0.0833	94	95	61-124	1	15	
Benzo[b]fluoranthene	**0.0783**	**0.0764**	0.0833	0.0833	94	92	60-126	2	15	
Benzo(j,k)fluoranthene	**0.0827**	**0.0847**	0.0833	0.0833	99	102	63-121	2	17	
Benzo[a]pyrene	**0.0783**	**0.0785**	0.0833	0.0833	94	94	60-122	0	15	
Indeno(1,2,3-c,d)pyrene	**0.0760**	**0.0777**	0.0833	0.0833	91	93	58-127	2	15	
Dibenz[a,h]anthracene	**0.0833**	**0.0849**	0.0833	0.0833	100	102	60-124	2	15	
Benzo[g,h,i]perylene	**0.0808**	**0.0817**	0.0833	0.0833	97	98	58-124	1	15	
Surrogate:										
2-Fluorobiphenyl					*80*	*76*	*39-111*			
Pyrene-d10					*83*	*88*	*47-114*			
Terphenyl-d14					*92*	*92*	*44-121*			

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Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

PCBs EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**ST-piping-SS-20-6.5**					
Laboratory ID:	10-177-01					
Aroclor 1016	**ND**	0.057	EPA 8082A	10-16-23	10-16-23	
Aroclor 1221	**ND**	0.057	EPA 8082A	10-16-23	10-16-23	
Aroclor 1232	**ND**	0.057	EPA 8082A	10-16-23	10-16-23	
Aroclor 1242	**ND**	0.057	EPA 8082A	10-16-23	10-16-23	
Aroclor 1248	**ND**	0.057	EPA 8082A	10-16-23	10-16-23	
Aroclor 1254	**ND**	0.057	EPA 8082A	10-16-23	10-16-23	
Aroclor 1260	**ND**	0.057	EPA 8082A	10-16-23	10-16-23	
Aroclor 1262	**ND**	0.057	EPA 8082A	10-16-23	10-16-23	
Aroclor 1268	**ND**	0.057	EPA 8082A	10-16-23	10-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*92*	*50-127*				
Client ID:	**ST-piping-SS-21-2.0**					
Laboratory ID:	10-177-02					
Aroclor 1016	**ND**	0.055	EPA 8082A	10-16-23	10-16-23	
Aroclor 1221	**ND**	0.055	EPA 8082A	10-16-23	10-16-23	
Aroclor 1232	**ND**	0.055	EPA 8082A	10-16-23	10-16-23	
Aroclor 1242	**ND**	0.055	EPA 8082A	10-16-23	10-16-23	
Aroclor 1248	**ND**	0.055	EPA 8082A	10-16-23	10-16-23	
Aroclor 1254	**ND**	0.055	EPA 8082A	10-16-23	10-16-23	
Aroclor 1260	**ND**	0.055	EPA 8082A	10-16-23	10-16-23	
Aroclor 1262	**ND**	0.055	EPA 8082A	10-16-23	10-16-23	
Aroclor 1268	**ND**	0.055	EPA 8082A	10-16-23	10-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*85*	*50-127*				
Client ID:	**ST-piping-SS-22-2.0**					
Laboratory ID:	10-177-03					
Aroclor 1016	**ND**	0.055	EPA 8082A	10-16-23	10-16-23	
Aroclor 1221	**ND**	0.055	EPA 8082A	10-16-23	10-16-23	
Aroclor 1232	**ND**	0.055	EPA 8082A	10-16-23	10-16-23	
Aroclor 1242	**ND**	0.055	EPA 8082A	10-16-23	10-16-23	
Aroclor 1248	**ND**	0.055	EPA 8082A	10-16-23	10-16-23	
Aroclor 1254	**ND**	0.055	EPA 8082A	10-16-23	10-16-23	
Aroclor 1260	**ND**	0.055	EPA 8082A	10-16-23	10-16-23	
Aroclor 1262	**ND**	0.055	EPA 8082A	10-16-23	10-16-23	
Aroclor 1268	**ND**	0.055	EPA 8082A	10-16-23	10-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*99*	*50-127*				

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Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

PCBs EPA 8082A
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1016S1					
Aroclor 1016	**ND**	0.050	EPA 8082A	10-16-23	10-16-23	
Aroclor 1221	**ND**	0.050	EPA 8082A	10-16-23	10-16-23	
Aroclor 1232	**ND**	0.050	EPA 8082A	10-16-23	10-16-23	
Aroclor 1242	**ND**	0.050	EPA 8082A	10-16-23	10-16-23	
Aroclor 1248	**ND**	0.050	EPA 8082A	10-16-23	10-16-23	
Aroclor 1254	**ND**	0.050	EPA 8082A	10-16-23	10-16-23	
Aroclor 1260	**ND**	0.050	EPA 8082A	10-16-23	10-16-23	
Aroclor 1262	**ND**	0.050	EPA 8082A	10-16-23	10-16-23	
Aroclor 1268	**ND**	0.050	EPA 8082A	10-16-23	10-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*99*	*50-127*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS											
Laboratory ID:	SB1016S1										
	SB	SBD	SB	SBD		SB	SBD				
Aroclor 1260	**0.428**	**0.432**	0.500	0.500	N/A	**86**	**86**	55-119	1	34	
Surrogate:											
DCB						*92*	*91*	*50-127*			

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Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

TOTAL METALS
EPA 6010D/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**ST-piping-SS-20-6.5**					
Laboratory ID:	10-177-01					
Arsenic	**31**	11	EPA 6010D	10-13-23	10-13-23	
Barium	**82**	2.8	EPA 6010D	10-13-23	10-13-23	
Cadmium	**0.85**	0.57	EPA 6010D	10-13-23	10-13-23	
Chromium	**25**	0.57	EPA 6010D	10-13-23	10-13-23	
Copper	**67**	1.1	EPA 6010D	10-13-23	10-13-23	
Lead	**49**	5.7	EPA 6010D	10-13-23	10-13-23	
Mercury	**ND**	0.28	EPA 7471B	10-16-23	10-16-23	
Nickel	**94**	2.8	EPA 6010D	10-13-23	10-13-23	
Selenium	**ND**	11	EPA 6010D	10-13-23	10-13-23	
Silver	**ND**	1.1	EPA 6010D	10-13-23	10-13-23	
Zinc	**280**	2.8	EPA 6010D	10-13-23	10-13-23	
Client ID:	**ST-piping-SS-21-2.0**					
Laboratory ID:	10-177-02					
Arsenic	**ND**	11	EPA 6010D	10-13-23	10-13-23	
Barium	**41**	2.8	EPA 6010D	10-13-23	10-13-23	
Cadmium	**ND**	0.55	EPA 6010D	10-13-23	10-13-23	
Chromium	**55**	0.55	EPA 6010D	10-13-23	10-13-23	
Copper	**56**	1.1	EPA 6010D	10-13-23	10-13-23	
Lead	**18**	5.5	EPA 6010D	10-13-23	10-13-23	
Mercury	**ND**	0.28	EPA 7471B	10-16-23	10-16-23	
Nickel	**64**	2.8	EPA 6010D	10-13-23	10-13-23	
Selenium	**ND**	11	EPA 6010D	10-13-23	10-13-23	
Silver	**ND**	1.1	EPA 6010D	10-13-23	10-13-23	
Zinc	**44**	2.8	EPA 6010D	10-13-23	10-13-23	

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Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

TOTAL METALS
EPA 6010D/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**ST-piping-SS-22-2.0**					
Laboratory ID:	10-177-03					
Arsenic	**ND**	11	EPA 6010D	10-13-23	10-13-23	
Barium	**33**	2.7	EPA 6010D	10-13-23	10-13-23	
Cadmium	**ND**	0.55	EPA 6010D	10-13-23	10-13-23	
Chromium	**20**	0.55	EPA 6010D	10-13-23	10-13-23	
Copper	**30**	1.1	EPA 6010D	10-13-23	10-13-23	
Lead	**18**	5.5	EPA 6010D	10-13-23	10-13-23	
Mercury	**ND**	0.27	EPA 7471B	10-16-23	10-16-23	
Nickel	**58**	2.7	EPA 6010D	10-13-23	10-13-23	
Selenium	**ND**	11	EPA 6010D	10-13-23	10-13-23	
Silver	**ND**	1.1	EPA 6010D	10-13-23	10-13-23	
Zinc	**43**	2.7	EPA 6010D	10-13-23	10-13-23	

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Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

TOTAL METALS
EPA 6010D/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1013SM1					
Arsenic	**ND**	10	EPA 6010D	10-13-23	10-13-23	
Barium	**ND**	2.5	EPA 6010D	10-13-23	10-13-23	
Cadmium	**ND**	0.50	EPA 6010D	10-13-23	10-13-23	
Chromium	**ND**	0.50	EPA 6010D	10-13-23	10-13-23	
Copper	**ND**	1.0	EPA 6010D	10-13-23	10-13-23	
Lead	**ND**	5.0	EPA 6010D	10-13-23	10-13-23	
Nickel	**ND**	2.5	EPA 6010D	10-13-23	10-13-23	
Selenium	**ND**	10	EPA 6010D	10-13-23	10-13-23	
Silver	**ND**	1.0	EPA 6010D	10-13-23	10-13-23	
Zinc	**ND**	2.5	EPA 6010D	10-13-23	10-13-23	
Laboratory ID:	MB1016S1					
Mercury	**ND**	0.25	EPA 7471B	10-16-23	10-16-23	

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Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

TOTAL METALS
EPA 6010D/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	10-091-04										
	ORIG	DUP									
Arsenic	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Barium	**18.0**	**17.5**	NA	NA		NA		NA	3	20	
Cadmium	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Chromium	**9.65**	**9.10**	NA	NA		NA		NA	6	20	
Copper	**16.6**	**17.8**	NA	NA		NA		NA	7	20	
Lead	**24.5**	**27.9**	NA	NA		NA		NA	13	20	
Nickel	**7.25**	**7.35**	NA	NA		NA		NA	1	20	
Selenium	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Silver	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Zinc	**43.8**	**42.7**	NA	NA		NA		NA	3	20	
Laboratory ID:	10-089-02										
Mercury	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	10-091-04										
	MS	MSD	MS	MSD		MS	MSD				
Arsenic	**102**	**101**	100	100	ND	**102**	**101**	75-125	1	20	
Barium	**116**	**115**	100	100	18.0	**98**	**97**	75-125	1	20	
Cadmium	**47.3**	**46.4**	50.0	50.0	ND	**95**	**93**	75-125	2	20	
Chromium	**109**	**107**	100	100	9.65	**100**	**97**	75-125	2	20	
Copper	**67.1**	**65.7**	50.0	50.0	16.6	**101**	**98**	75-125	2	20	
Lead	**282**	**275**	250	250	24.5	**103**	**100**	75-125	2	20	
Nickel	**108**	**105**	100	100	7.25	**101**	**98**	75-125	2	20	
Selenium	**94.0**	**93.1**	100	100	ND	**94**	**93**	75-125	1	20	
Silver	**24.6**	**24.0**	25.0	25.0	ND	**98**	**96**	75-125	2	20	
Zinc	**139**	**139**	100	100	43.8	**95**	**95**	75-125	0	20	
Laboratory ID:	10-089-02										
Mercury	**0.509**	**0.527**	0.500	0.500	0.0446	**93**	**97**	80-120	3	20	

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Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

% MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
ST-piping-SS-20-6.5	10-177-01	**12**	10-13-23
ST-piping-SS-21-2.0	10-177-02	**10**	10-13-23
ST-piping-SS-22-2.0	10-177-03	**9**	10-13-23

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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Chain of Custody

Page 1 of 1

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: DH Environmental
Project Number:
Project Name: Star Forge UST Site Assessment
Project Manager: N. Moxley
Sampled by: N. Moxley

Turnaround Request (in working days)

(Check One)

☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☐ Standard (7 Days)
☒ Fastest Available (other)

Laboratory Number: 10-177

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (SG Clean-up☐)	Volatiles 8260 *See 1,2,1	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level) cPAHs + Naphthalenes	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals + Cu, Ni, Zn	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664					% Moisture
1	ST-piping-SS-20-6.5	10/13/23	0920	S.1	5			X	X	X				X	X				X								40
2	ST-piping-SS-21-2.0	↓	0930	↓	↓			↓	↓	↓				↓	↓				↓								1
3	ST-piping-SS-22-2.0	↓	0940	↓	↓			↓	↓	↓				↓	↓				↓								
4	trip blank			W	3			X		X																	

	Signature	Company	Date	Time
Relinquished		DHE	10/13/23	1100
Received		OHE	10-13-23	1100
Relinquished		OHE	10-13-23	1305
Received		OHE	10/13/23	1305
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Please report to lowest possible limits, but note potentially elevated petroleum concentrations

* EDB, EDC, MTBE, BTEX, HVOCs

Data Package: Standard ☒ Level III ☐ Level IV ☐

Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☒

Detail Contract Activity Report

All Ticket Types
History and Waiting
* - Confirmed Qty Applied to Billing

August 01, 2023 to October 24, 2023
Specific Contract(s) : 'TB11606b'

All Facilities

TB11606B

Ticket Date	Facility & Ticket Number	Customer	Truck	Material	Contract Rate		Billing Quantity		Ordered Quantity	Minimum Quantity	Maximum Quantity	Material Total	Tax Total	Total
08/14/2023 I	3A 5329271	015590 - Construction Group Internal	7331	Cont Soil	0.00	S	29.52	TN						
08/14/2023 I	3A 5329272	015590 - Construction Group Internal	5227	Cont Soil	0.00	S	34.75	TN						
08/14/2023 I	3A 5329281	015590 - Construction Group Internal	3516	Cont Soil	0.00	S	31.54	TN						
08/14/2023 I	3A 5329292	015590 - Construction Group Internal	3516	Cont Soil	0.00	S	28.76	TN						
08/14/2023 I	3A 5329296	015590 - Construction Group Interna	7331	Cont Soil	0.00	S	30.56	TN						
08/15/2023 I	3A 5329304	015590 - Construction Group Interna	2234	Cont Soil	0.00	S	30.60	TN						
08/15/2023 I	3A 5329310	015590 - Construction Group Interna	2234	Cont Soil	0.00	S	30.86	TN						
08/15/2023 I	3A 5329343	015590 - Construction Group Interna	0332	Cont Soil	0.00	S	23.02	TN						
08/22/2023 I	3A 5329493	015590 - Construction Group Interna	3516	Cont Soil	0.00	S	22.49	TN						
08/23/2023 I	3A 5329573	015590 - Construction Group Interna	5227	Cont Soil	0.00	S	20.35	TN						
08/23/2023 I	3A 5329577	015590 - Construction Group Interna	0331	Cont Soil	0.00	S	21.72	TN						
08/24/2023 I	3A 5329589	015590 - Construction Group Interna	5227	Cont Soil	0.00	S	23.19	TN						
08/25/2023 I	3A 5329593	015590 - Construction Group Interna	5227	Cont Soil	0.00	S	26.79	TN						
08/26/2023 I	3A 5329685	015590 - Construction Group Interna	5227	Cont Soil	0.00	S	24.10	TN						
08/26/2023 I	3A 5329688	015590 - Construction Group Interna	5833	Cont Soil	0.00	S	23.38	TN						
08/26/2023 I	3A 5329695	015590 - Construction Group Interna	7329	Cont Soil	0.00	S	26.68	TN						
08/31/2023 I	3A 5329813	015590 - Construction Group Interna	WSB	Trucking	160.00	F	13.50	HR						
08/31/2023 I	3A 5329866	015590 - Construction Group Interna	WSB	Trucking	160.00	F	8.00	HR						
10/20/2023 I	3A 5331130	015590 - Construction Group Interna	2234	Cont Soil	0.00	S	19.51	TN						
10/24/2023 I	3A 5331165	015590 - Construction Group Interna	7748	Cont Soil	0.00	S	16.04	TN						
10/24/2023 I	3A 5331176	015590 - Construction Group Interna	3517	Cont Soil	0.00	S	14.51	TN						
10/24/2023 I	3A 5331181	015590 - Construction Group Interna	7748	Cont Soil	0.00	S	21.14	TN						
10/24/2023 I	3A 5331184	015590 - Construction Group Interna	3517	Cont Soil	0.00	S	17.86	TN						
10/24/2023 I	3A 5331192	015590 - Construction Group Interna	7748	Cont Soil	0.00	S	19.80	TN						

Tickets Reported: 24 Items Reported: 24

Material Summary	Weight Inbound	Weight Outbound		Volume Inbound	Volume Outbound		Count Inbound	Count Outbound	Billing Quantity	Material Total	Tax Total	Total
66 - Cont Soil	537.17	0.00	TN	587.15	0.00	YD	0.00	0.00	537.17 TN			
TR - Trucking	0.00	0.00	TN	0.00	0.00	YD	21.50	0.00	21.50 HR			

				Cash Totals:
				Invoice Totals:
Tickets Reported:	24	Items Reported:	24	Report Totals:

Detail Contract Activity Report

All Ticket Types
History and Waiting
* - Confirmed Qty Applied to Billing

August 01, 2023 to August 23, 2023
Specific Contract(s) : 'tb-11606'

All Facilities

TB-11606

Ticket Date	Facility & Ticket Number	Customer	Truck	Material	Contract Rate	Billing Quantity	Ordered Quantity	Minimum Quantity	Maximum Quantity	Material Total	Tax Total	Total
08/11/2023 I	01 1016015	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL		21.63 TN	0.00	$0.00	$0.00			
08/11/2023 I	01 1016017	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL		21.07 TN	0.00	$0.00	$0.00			
08/11/2023 I	01 1016022	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL		14.74 TN	0.00	$0.00	$0.00			
08/11/2023 I	01 1016024	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL		18.36 TN	0.00	$0.00	$0.00			
08/11/2023 I	01 1016028	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL		17.66 TN	0.00	$0.00	$0.00			
08/11/2023 I	01 1016030	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL		15.64 TN	0.00	$0.00	$0.00			
08/11/2023 I	01 1016032	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL		15.36 TN	0.00	$0.00	$0.00			
08/11/2023 I	01 1016033	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL		16.72 TN	0.00	$0.00	$0.00			
08/11/2023 I	01 1016036	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL		17.72 TN	0.00	$0.00	$0.00			
08/11/2023 I	01 1016038	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL		16.18 TN	0.00	$0.00	$0.00			
08/11/2023 I	01 1016043	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL		17.82 TN	0.00	$0.00	$0.00			
08/11/2023 I	01 1016044	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL		17.24 TN	0.00	$0.00	$0.00			
08/11/2023 I	01 1016047	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL		14.30 TN	0.00	$0.00	$0.00			
08/11/2023 I	01 1016048	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL		11.36 TN	0.00	$0.00	$0.00			
08/11/2023 I	01 1016052	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL		15.61 TN	0.00	$0.00	$0.00			
08/11/2023 I	01 1016053	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL		15.08 TN	0.00	$0.00	$0.00			
08/11/2023 I	01 1016058	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL		17.12 TN	0.00	$0.00	$0.00			
08/11/2023 I	01 1016059	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL		16.42 TN	0.00	$0.00	$0.00			
08/14/2023 I	01 1016077	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL		14.45 TN	0.00	$0.00	$0.00			
08/14/2023 I	01 1016078	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL		15.60 TN	0.00	$0.00	$0.00			
08/14/2023 I	01 1016079	015590 - Construction Group Internal	1 LR TRUC	SW-CONT SOIL		14.01 TN	0.00	$0.00	$0.00			
08/14/2023 I	01 1016081	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL		16.14 TN	0.00	$0.00	$0.00			
08/14/2023 I	01 1016082	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL		14.38 TN	0.00	$0.00	$0.00			
08/14/2023 I	01 1016085	015590 - Construction Group Internal	1 LR TRUC	SW-CONT SOIL		15.96 TN	0.00	$0.00	$0.00			
08/14/2023 I	01 1016087	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL		15.61 TN	0.00	$0.00	$0.00			
08/14/2023 I	01 1016088	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL		15.92 TN	0.00	$0.00	$0.00			
08/14/2023 I	01 1016093	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL		15.79 TN	0.00	$0.00	$0.00			
08/14/2023 I	01 1016094	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL		16.37 TN	0.00	$0.00	$0.00			
08/14/2023 I	01 1016095	015590 - Construction Group Internal	1 LR TRUC	SW-CONT SOIL		15.47 TN	0.00	$0.00	$0.00			
08/14/2023 I	01 1016100	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL		16.41 TN	0.00	$0.00	$0.00			
08/14/2023 I	01 1016101	015590 - Construction Group Internal	1 LR TRUC	SW-CONT SOIL		14.30 TN	0.00	$0.00	$0.00			
08/14/2023 I	01 1016102	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL		20.41 TN	0.00	$0.00	$0.00			
08/14/2023 I	01 1016108	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL		16.09 TN	0.00	$0.00	$0.00			
08/14/2023 I	01 1016111	015590 - Construction Group Internal	1 LR TRUC	SW-CONT SOIL		16.18 TN	0.00	$0.00	$0.00			
08/14/2023 I	01 1016112	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL		17.69 TN	0.00	$0.00	$0.00			
08/14/2023 I	01 1016117	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL		16.41 TN	0.00	$0.00	$0.00			
08/14/2023 I	01 1016119	015590 - Construction Group Internal	1 LR TRUC	SW-CONT SOIL		15.51 TN	0.00	$0.00	$0.00			
08/14/2023 I	01 1016120	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL		16.10 TN	0.00	$0.00	$0.00			

08/14/2023	I	01	1016121	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL	15.26	TN	0.00	$0.00	$0.00
08/14/2023	I	01	1016123	015590 - Construction Group Internal	1 LR TRUC	SW-CONT SOIL	15.07	TN	0.00	$0.00	$0.00
08/14/2023	I	01	1016125	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL	16.14	TN	0.00	$0.00	$0.00
08/14/2023	I	01	1016130	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL	15.60	TN	0.00	$0.00	$0.00
08/14/2023	I	01	1016131	015590 - Construction Group Interna	1 LR TRUC	SW-CONT SOIL	15.26	TN	0.00	$0.00	$0.00
08/14/2023	I	01	1016132	015590 - Construction Group Interna	19 PNW GF	SW-CONT SOIL	18.35	TN	0.00	$0.00	$0.00
08/14/2023	I	01	1016137	015590 - Construction Group Interna	5 H.E.I.	SW-CONT SOIL	14.94	TN	0.00	$0.00	$0.00
08/14/2023	I	01	1016138	015590 - Construction Group Interna	1 LR TRUC	SW-CONT SOIL	13.39	TN	0.00	$0.00	$0.00
08/14/2023	I	01	1016141	015590 - Construction Group Interna	19 PNW GF	SW-CONT SOIL	18.58	TN	0.00	$0.00	$0.00
08/14/2023	I	01	1016142	015590 - Construction Group Interna	5 H.E.I.	SW-CONT SOIL	16.05	TN	0.00	$0.00	$0.00
08/14/2023	I	01	1016146	015590 - Construction Group Interna	1 LR TRUC	SW-CONT SOIL	14.90	TN	0.00	$0.00	$0.00
08/14/2023	I	01	1016147	015590 - Construction Group Interna	19 PNW GF	SW-CONT SOIL	14.05	TN	0.00	$0.00	$0.00
08/14/2023	I	01	1016150	015590 - Construction Group Interna	5 H.E.I.	SW-CONT SOIL	14.28	TN	0.00	$0.00	$0.00
08/14/2023	I	01	1016153	015590 - Construction Group Interna	1 LR TRUC	SW-CONT SOIL	13.15	TN	0.00	$0.00	$0.00
08/14/2023	I	01	1016155	015590 - Construction Group Interna	19 PNW GF	SW-CONT SOIL	16.76	TN	0.00	$0.00	$0.00
08/14/2023	I	01	1016157	015590 - Construction Group Interna	5 H.E.I.	SW-CONT SOIL	14.05	TN	0.00	$0.00	$0.00
08/15/2023	I	01	1016163	015590 - Construction Group Interna	5 H.E.I.	SW-CONT SOIL	15.05	TN	0.00	$0.00	$0.00
08/15/2023	I	01	1016164	015590 - Construction Group Interna	1 LR TRUC	SW-CONT SOIL	12.90	TN	0.00	$0.00	$0.00
08/15/2023	I	01	1016165	015590 - Construction Group Interna	19 PNW GF	SW-CONT SOIL	14.43	TN	0.00	$0.00	$0.00
08/15/2023	I	01	1016167	015590 - Construction Group Interna	5 H.E.I.	SW-CONT SOIL	14.62	TN	0.00	$0.00	$0.00
08/15/2023	I	01	1016168	015590 - Construction Group Interna	1 LR TRUC	SW-CONT SOIL	14.54	TN	0.00	$0.00	$0.00
08/15/2023	I	01	1016169	015590 - Construction Group Interna	19 PNW GF	SW-CONT SOIL	14.47	TN	0.00	$0.00	$0.00
08/15/2023	I	01	1016170	015590 - Construction Group Interna	5 H.E.I.	SW-CONT SOIL	15.04	TN	0.00	$0.00	$0.00
08/15/2023	I	01	1016171	015590 - Construction Group Interna	1 LR TRUC	SW-CONT SOIL	14.39	TN	0.00	$0.00	$0.00
08/15/2023	I	01	1016172	015590 - Construction Group Interna	19 PNW GF	SW-CONT SOIL	14.17	TN	0.00	$0.00	$0.00
08/15/2023	I	01	1016174	015590 - Construction Group Interna	5 H.E.I.	SW-CONT SOIL	12.70	TN	0.00	$0.00	$0.00
08/15/2023	I	01	1016178	015590 - Construction Group Interna	1 LR TRUC	SW-CONT SOIL	10.83	TN	0.00	$0.00	$0.00
08/15/2023	I	01	1016179	015590 - Construction Group Interna	19 PNW GF	SW-CONT SOIL	12.70	TN	0.00	$0.00	$0.00
08/15/2023	I	01	1016180	015590 - Construction Group Interna	5 H.E.I.	SW-CONT SOIL	11.78	TN	0.00	$0.00	$0.00
08/15/2023	I	01	1016183	015590 - Construction Group Interna	1 LR TRUC	SW-CONT SOIL	13.00	TN	0.00	$0.00	$0.00
08/15/2023	I	01	1016184	015590 - Construction Group Interna	19 PNW GF	SW-CONT SOIL	13.61	TN	0.00	$0.00	$0.00
08/15/2023	I	01	1016185	015590 - Construction Group Interna	5 H.E.I.	SW-CONT SOIL	15.77	TN	0.00	$0.00	$0.00
08/15/2023	I	01	1016190	015590 - Construction Group Interna	1 LR TRUC	SW-CONT SOIL	15.91	TN	0.00	$0.00	$0.00
08/15/2023	I	01	1016191	015590 - Construction Group Interna	19 PNW GF	SW-CONT SOIL	14.92	TN	0.00	$0.00	$0.00
08/15/2023	I	01	1016192	015590 - Construction Group Interna	5 H.E.I.	SW-CONT SOIL	15.10	TN	0.00	$0.00	$0.00
08/15/2023	I	01	1016197	015590 - Construction Group Interna	1 LR TRUC	SW-CONT SOIL	13.37	TN	0.00	$0.00	$0.00
08/15/2023	I	01	1016198	015590 - Construction Group Interna	19 PNW GF	SW-CONT SOIL	14.11	TN	0.00	$0.00	$0.00
08/15/2023	I	01	1016199	015590 - Construction Group Interna	5 H.E.I.	SW-CONT SOIL	13.86	TN	0.00	$0.00	$0.00
08/15/2023	I	01	1016205	015590 - Construction Group Interna	1 LR TRUC	SW-CONT SOIL	14.66	TN	0.00	$0.00	$0.00
08/15/2023	I	01	1016206	015590 - Construction Group Interna	19 PNW GF	SW-CONT SOIL	14.02	TN	0.00	$0.00	$0.00
08/15/2023	I	01	1016207	015590 - Construction Group Interna	5 H.E.I.	SW-CONT SOIL	15.32	TN	0.00	$0.00	$0.00
08/15/2023	I	01	1016209	015590 - Construction Group Interna	1 LR TRUC	SW-CONT SOIL	15.19	TN	0.00	$0.00	$0.00
08/15/2023	I	01	1016210	015590 - Construction Group Interna	19 PNW GF	SW-CONT SOIL	14.94	TN	0.00	$0.00	$0.00

08/15/2023	I	01	1016211	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL	14.47	TN	0.00	$0.00	$0.00
08/15/2023	I	01	1016216	015590 - Construction Group Internal	1 LR TRUC	SW-CONT SOIL	14.63	TN	0.00	$0.00	$0.00
08/15/2023	I	01	1016217	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL	13.11	TN	0.00	$0.00	$0.00
08/15/2023	I	01	1016218	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL	14.15	TN	0.00	$0.00	$0.00
08/15/2023	I	01	1016219	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL	14.30	TN	0.00	$0.00	$0.00
08/15/2023	I	01	1016220	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL	15.83	TN	0.00	$0.00	$0.00
08/15/2023	I	01	1016221	015590 - Construction Group Internal	1 LR TRUC	SW-CONT SOIL	13.63	TN	0.00	$0.00	$0.00
08/16/2023	I	01	1016226	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL	15.17	TN	0.00	$0.00	$0.00
08/16/2023	I	01	1016227	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL	14.21	TN	0.00	$0.00	$0.00
08/16/2023	I	01	1016229	015590 - Construction Group Internal	1 LR TRUC	SW-CONT SOIL	15.17	TN	0.00	$0.00	$0.00
08/16/2023	I	01	1016230	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL	14.12	TN	0.00	$0.00	$0.00
08/16/2023	I	01	1016231	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL	13.48	TN	0.00	$0.00	$0.00
08/16/2023	I	01	1016232	015590 - Construction Group Internal	1 LR TRUC	SW-CONT SOIL	14.52	TN	0.00	$0.00	$0.00
08/16/2023	I	01	1016233	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL	12.66	TN	0.00	$0.00	$0.00
08/16/2023	I	01	1016234	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL	11.79	TN	0.00	$0.00	$0.00
08/16/2023	I	01	1016238	015590 - Construction Group Internal	1 LR TRUC	SW-CONT SOIL	14.26	TN	0.00	$0.00	$0.00
08/16/2023	I	01	1016240	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL	14.25	TN	0.00	$0.00	$0.00
08/16/2023	I	01	1016242	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL	15.64	TN	0.00	$0.00	$0.00
08/16/2023	I	01	1016245	015590 - Construction Group Internal	1 LR TRUC	SW-CONT SOIL	14.76	TN	0.00	$0.00	$0.00
08/16/2023	I	01	1016246	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL	16.93	TN	0.00	$0.00	$0.00
08/16/2023	I	01	1016247	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL	15.83	TN	0.00	$0.00	$0.00
08/16/2023	I	01	1016254	015590 - Construction Group Internal	1 LR TRUC	SW-CONT SOIL	15.75	TN	0.00	$0.00	$0.00
08/16/2023	I	01	1016255	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL	15.58	TN	0.00	$0.00	$0.00
08/16/2023	I	01	1016257	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL	15.43	TN	0.00	$0.00	$0.00
08/16/2023	I	01	1016261	015590 - Construction Group Internal	1 LR TRUC	SW-CONT SOIL	15.75	TN	0.00	$0.00	$0.00
08/16/2023	I	01	1016263	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL	18.65	TN	0.00	$0.00	$0.00
08/16/2023	I	01	1016265	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL	16.29	TN	0.00	$0.00	$0.00
08/16/2023	I	01	1016271	015590 - Construction Group Internal	1 LR TRUC	SW-CONT SOIL	13.96	TN	0.00	$0.00	$0.00
08/16/2023	I	01	1016272	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL	15.48	TN	0.00	$0.00	$0.00
08/16/2023	I	01	1016274	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL	15.55	TN	0.00	$0.00	$0.00
08/16/2023	I	01	1016280	015590 - Construction Group Internal	1 LR TRUC	SW-CONT SOIL	14.68	TN	0.00	$0.00	$0.00
08/16/2023	I	01	1016281	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL	15.32	TN	0.00	$0.00	$0.00
08/16/2023	I	01	1016282	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL	15.84	TN	0.00	$0.00	$0.00
08/16/2023	I	01	1016283	015590 - Construction Group Internal	1 LR TRUC	SW-CONT SOIL	17.23	TN	0.00	$0.00	$0.00
08/16/2023	I	01	1016284	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL	16.58	TN	0.00	$0.00	$0.00
08/16/2023	I	01	1016285	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL	17.33	TN	0.00	$0.00	$0.00
08/16/2023	I	01	1016291	015590 - Construction Group Internal	1 LR TRUC	SW-CONT SOIL	14.53	TN	0.00	$0.00	$0.00
08/16/2023	I	01	1016292	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL	13.83	TN	0.00	$0.00	$0.00
08/16/2023	I	01	1016293	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL	13.57	TN	0.00	$0.00	$0.00
08/16/2023	I	01	1016296	015590 - Construction Group Internal	1 LR TRUC	SW-CONT SOIL	17.48	TN	0.00	$0.00	$0.00
08/16/2023	I	01	1016297	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL	16.91	TN	0.00	$0.00	$0.00
08/16/2023	I	01	1016298	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL	17.52	TN	0.00	$0.00	$0.00
08/16/2023	I	01	1016300	015590 - Construction Group Internal	1 LR TRUC	SW-CONT SOIL	15.63	TN	0.00	$0.00	$0.00

08/16/2023	I	01	1016301	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL	15.52	TN	0.00	$0.00	$0.00
08/16/2023	I	01	1016303	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL	17.15	TN	0.00	$0.00	$0.00
08/16/2023	I	01	1016304	015590 - Construction Group Internal	1 LR TRUC	SW-CONT SOIL	16.64	TN	0.00	$0.00	$0.00
08/16/2023	I	01	1016305	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL	15.85	TN	0.00	$0.00	$0.00
08/16/2023	I	01	1016306	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL	16.25	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016309	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL	17.03	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016310	015590 - Construction Group Internal	1 LR TRUC	SW-CONT SOIL	16.18	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016311	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL	15.79	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016312	015590 - Construction Group Internal	1 ABOVE G	SW-CONT SOIL	15.39	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016313	015590 - Construction Group Internal	1 WA UNDI	SW-CONT SOIL	16.13	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016314	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL	15.77	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016315	015590 - Construction Group Internal	T2 TONGU	SW-CONT SOIL	16.29	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016316	015590 - Construction Group Internal	1 LR TRUC	SW-CONT SOIL	15.27	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016317	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL	15.88	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016318	015590 - Construction Group Internal	1 ABOVE G	SW-CONT SOIL	16.03	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016321	015590 - Construction Group Internal	1 WA UNDI	SW-CONT SOIL	14.74	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016322	015590 - Construction Group Internal	T2 TONGU	SW-CONT SOIL	16.96	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016323	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL	16.49	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016324	015590 - Construction Group Internal	1 LR TRUC	SW-CONT SOIL	14.74	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016325	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL	14.93	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016326	015590 - Construction Group Internal	1 ABOVE G	SW-CONT SOIL	9.94	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016328	015590 - Construction Group Internal	1 WA UNDI	SW-CONT SOIL	12.80	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016329	015590 - Construction Group Internal	T2 TONGU	SW-CONT SOIL	12.35	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016330	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL	12.52	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016331	015590 - Construction Group Internal	1 LR TRUC	SW-CONT SOIL	12.73	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016332	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL	14.10	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016336	015590 - Construction Group Internal	1 ABOVE G	SW-CONT SOIL	12.39	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016338	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL	13.18	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016340	015590 - Construction Group Internal	T2 TONGU	SW-CONT SOIL	13.42	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016342	015590 - Construction Group Internal	1 LR TRUC	SW-CONT SOIL	11.19	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016343	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL	10.82	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016346	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL	14.53	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016347	015590 - Construction Group Internal	1 ABOVE G	SW-CONT SOIL	13.85	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016348	015590 - Construction Group Internal	101 WA UN	SW-CONT SOIL	14.31	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016349	015590 - Construction Group Internal	T2 TONGU	SW-CONT SOIL	13.29	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016350	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL	14.24	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016351	015590 - Construction Group Internal	1 LR TRUC	SW-CONT SOIL	14.67	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016353	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL	14.62	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016357	015590 - Construction Group Internal	1 ABOVE G	SW-CONT SOIL	12.24	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016358	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL	15.06	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016359	015590 - Construction Group Internal	101 WA UN	SW-CONT SOIL	11.20	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016360	015590 - Construction Group Internal	T2 TONGU	SW-CONT SOIL	11.82	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016361	015590 - Construction Group Internal	1 LR TRUC	SW-CONT SOIL	11.48	TN	0.00	$0.00	$0.00

08/17/2023	I	01	1016362	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL	12.19	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016363	015590 - Construction Group Internal	1 ABOVE G	SW-CONT SOIL	13.22	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016364	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL	13.86	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016365	015590 - Construction Group Internal	101 WA UN	SW-CONT SOIL	12.54	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016367	015590 - Construction Group Internal	T2 TONGU	SW-CONT SOIL	11.59	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016369	015590 - Construction Group Internal	1 LR TRUC	SW-CONT SOIL	12.01	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016372	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL	14.08	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016373	015590 - Construction Group Internal	1 ABOVE G	SW-CONT SOIL	13.25	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016374	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL	13.98	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016375	015590 - Construction Group Internal	T2 TONGU	SW-CONT SOIL	14.20	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016376	015590 - Construction Group Internal	1 LR TRUC	SW-CONT SOIL	13.59	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016377	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL	14.22	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016379	015590 - Construction Group Internal	1 ABOVE G	SW-CONT SOIL	15.61	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016380	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL	15.03	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016381	015590 - Construction Group Internal	T2 TONGU	SW-CONT SOIL	10.91	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016382	015590 - Construction Group Internal	1 LR TRUC	SW-CONT SOIL	11.71	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016384	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL	12.77	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016385	015590 - Construction Group Internal	1 ABOVE G	SW-CONT SOIL	13.97	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016386	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL	10.99	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016387	015590 - Construction Group Internal	T2 TONGU	SW-CONT SOIL	13.48	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016388	015590 - Construction Group Internal	1 LR TRUC	SW-CONT SOIL	13.61	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016389	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL	14.09	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016390	015590 - Construction Group Internal	1 ABOVE G	SW-CONT SOIL	13.07	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016391	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL	17.79	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016392	015590 - Construction Group Internal	T2 TONGU	SW-CONT SOIL	13.66	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016393	015590 - Construction Group Internal	1 LR TRUC	SW-CONT SOIL	11.04	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016394	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL	13.28	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016395	015590 - Construction Group Internal	101 WA UN	SW-CONT SOIL	14.29	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016396	015590 - Construction Group Internal	1 ABOVE G	SW-CONT SOIL	15.28	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016397	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL	14.36	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016398	015590 - Construction Group Internal	T2 TONGU	SW-CONT SOIL	13.76	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016399	015590 - Construction Group Internal	1 LR TRUC	SW-CONT SOIL	13.58	TN	0.00	$0.00	$0.00
08/17/2023	I	01	1016400	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL	12.83	TN	0.00	$0.00	$0.00
08/21/2023	I	01	1016424	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL	12.80	TN	0.00	$0.00	$0.00
08/21/2023	I	01	1016425	015590 - Construction Group Internal	1 LR TRUC	SW-CONT SOIL	11.33	TN	0.00	$0.00	$0.00
08/21/2023	I	01	1016426	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL	13.43	TN	0.00	$0.00	$0.00
08/21/2023	I	01	1016427	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL	12.32	TN	0.00	$0.00	$0.00
08/21/2023	I	01	1016428	015590 - Construction Group Internal	1 LR TRUC	SW-CONT SOIL	11.87	TN	0.00	$0.00	$0.00
08/21/2023	I	01	1016429	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL	11.53	TN	0.00	$0.00	$0.00
08/21/2023	I	01	1016430	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL	11.94	TN	0.00	$0.00	$0.00
08/21/2023	I	01	1016431	015590 - Construction Group Internal	T-2 TONGU	SW-CONT SOIL	10.54	TN	0.00	$0.00	$0.00
08/21/2023	I	01	1016433	015590 - Construction Group Internal	1 LR TRUC	SW-CONT SOIL	11.83	TN	0.00	$0.00	$0.00
08/21/2023	I	01	1016434	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL	11.59	TN	0.00	$0.00	$0.00

08/21/2023	I	01	1016435	015590 - Construction Group Internal	5 H.E.I.	SW-CONT SOIL	14.07	TN	0.00	$0.00	$0.00
08/21/2023	I	01	1016436	015590 - Construction Group Internal	T2 TONGU	SW-CONT SOIL	13.16	TN	0.00	$0.00	$0.00
08/21/2023	I	01	1016438	015590 - Construction Group Internal	1 LR TRUC	SW-CONT SOIL	11.13	TN	0.00	$0.00	$0.00
08/21/2023	I	01	1016439	015590 - Construction Group Internal	19 PNW GF	SW-CONT SOIL	10.75	TN	0.00	$0.00	$0.00
08/21/2023	I	01	1016440	015590 - Construction Group Interna	5 H.E.I.	SW-CONT SOIL	15.26	TN	0.00	$0.00	$0.00
08/21/2023	I	01	1016441	015590 - Construction Group Interna	T2 TONGU	SW-CONT SOIL	11.37	TN	0.00	$0.00	$0.00
08/21/2023	I	01	1016443	015590 - Construction Group Interna	1 LR TRUC	SW-CONT SOIL	10.03	TN	0.00	$0.00	$0.00
08/21/2023	I	01	1016444	015590 - Construction Group Interna	19 PNW GF	SW-CONT SOIL	9.39	TN	0.00	$0.00	$0.00
08/21/2023	I	01	1016445	015590 - Construction Group Interna	5 H.E.I.	SW-CONT SOIL	9.73	TN	0.00	$0.00	$0.00
08/21/2023	I	01	1016447	015590 - Construction Group Interna	T2 TONGU	SW-CONT SOIL	8.76	TN	0.00	$0.00	$0.00
08/21/2023	I	01	1016448	015590 - Construction Group Interna	1 LR TRUC	SW-CONT SOIL	8.12	TN	0.00	$0.00	$0.00
08/21/2023	I	01	1016449	015590 - Construction Group Interna	19 PNW GF	SW-CONT SOIL	7.80	TN	0.00	$0.00	$0.00
08/23/2023	I	01	1016482	015590 - Construction Group Interna	5 H.E.I.	SW-CONT SOIL	15.96	TN	0.00	$0.00	$0.00
08/23/2023	I	01	1016483	015590 - Construction Group Interna	T3 TONGU	SW-CONT SOIL	13.20	TN	0.00	$0.00	$0.00
08/23/2023	I	01	1016484	015590 - Construction Group Interna	5 H.E.I.	SW-CONT SOIL	13.07	TN	0.00	$0.00	$0.00
08/23/2023	I	01	1016485	015590 - Construction Group Interna	T3 TONGU	SW-CONT SOIL	11.64	TN	0.00	$0.00	$0.00
08/23/2023	I	01	1016488	015590 - Construction Group Interna	5 H.E.I.	SW-CONT SOIL	11.22	TN	0.00	$0.00	$0.00
08/23/2023	I	01	1016489	015590 - Construction Group Interna	T3 TONGU	SW-CONT SOIL	8.01	TN	0.00	$0.00	$0.00
08/23/2023	I	01	1016490	015590 - Construction Group Interna	5 H.E.I.	SW-CONT SOIL	12.72	TN	0.00	$0.00	$0.00
08/23/2023	I	01	1016491	015590 - Construction Group Interna	T3 TONGU	SW-CONT SOIL	10.12	TN	0.00	$0.00	$0.00
08/23/2023	I	01	1016494	015590 - Construction Group Interna	5 H.E.I.	SW-CONT SOIL	17.56	TN	0.00	$0.00	$0.00
08/23/2023	I	01	1016495	015590 - Construction Group Interna	T3 TONGU	SW-CONT SOIL	12.19	TN	0.00	$0.00	$0.00
08/23/2023	I	01	1016497	015590 - Construction Group Interna	5 H.E.I.	SW-CONT SOIL	14.68	TN	0.00	$0.00	$0.00
08/23/2023	I	01	1016498	015590 - Construction Group Interna	T3 TONGU	SW-CONT SOIL	11.40	TN	0.00	$0.00	$0.00
08/23/2023	I	01	1016500	015590 - Construction Group Interna	5 H.E.I.	SW-CONT SOIL	18.29	TN	0.00	$0.00	$0.00
08/23/2023	I	01	1016501	015590 - Construction Group Interna	T3 TONGU	SW-CONT SOIL	13.03	TN	0.00	$0.00	$0.00
08/23/2023	I	01	1016503	015590 - Construction Group Interna	5 H.E.I.	SW-CONT SOIL	20.25	TN	0.00	$0.00	$0.00
08/23/2023	I	01	1016504	015590 - Construction Group Interna	T3 TONGU	SW-CONT SOIL	13.80	TN	0.00	$0.00	$0.00
08/23/2023	I	01	1016506	015590 - Construction Group Interna	5 H.E.I.	SW-CONT SOIL	21.12	TN	0.00	$0.00	$0.00
08/23/2023	I	01	1016508	015590 - Construction Group Interna	T3 TONGU	SW-CONT SOIL	17.06	TN	0.00	$0.00	$0.00
08/23/2023	I	01	1016509	015590 - Construction Group Interna	5 H.E.I.	SW-CONT SOIL	14.93	TN	0.00	$0.00	$0.00
08/23/2023	I	01	1016511	015590 - Construction Group Interna	T3 TONGU	SW-CONT SOIL	15.59	TN	0.00	$0.00	$0.00
08/23/2023	I	01	1016513	015590 - Construction Group Interna	5 H.E.I.	SW-CONT SOIL	13.14	TN	0.00	$0.00	$0.00
08/23/2023	I	01	1016514	015590 - Construction Group Interna	T3 TONGU	SW-CONT SOIL	13.29	TN	0.00	$0.00	$0.00
08/23/2023	I	01	1016516	015590 - Construction Group Interna	5 H.E.I.	SW-CONT SOIL	12.19	TN	0.00	$0.00	$0.00
08/23/2023	I	01	1016517	015590 - Construction Group Interna	T3 TONGU	SW-CONT SOIL	14.73	TN	0.00	$0.00	$0.00

Tickets Reported: 246 Items Reported: 246

Detail Contract Activity Report

All Ticket Types
History and Waiting
* - Confirmed Qty Applied to Billing

August 01, 2023 to August 23, 2023
Specific Contract(s) : 'tb-11606'

All Facilities

Material Summary	Weight Inbound	Weight Outbound		Volume Inbound	Volume Outbound		Count Inbound	Count Outbound	Billing Quantity	Material Total	Tax Total	Total
VG - SW-CONT SOIL	3,545.42	0.00	TN	0.00	0.00	YD	0.00	0.00	3,545.42 TN			

Cash Totals:
Invoice Totals:
Report Totals:

Tickets Reported: 246 Items Reported: 246

DANGEROUS WASTE DESIGNATION FORM

Former Jorgensen Forge Site, UST Piping Utilidor Water

A. WASTE STREAM NAME AND GENERATION INFORMATION

Waste Stream Name: Water

Generation Process: Pump out of UST Piping Utilidor

RCRA ID Number that waste will be managed under:	**Total Quantity and/or Estimated Generation rate:**
NA	~ 275 gallons
Other Descriptions (i.e. Shop, Project, Etc.):	

B. WASTE PROPERTIES, CHARACTERISTICS, and CONSTITUENTS:

Physical State:
- ☐Solid (pass paint filter)
- ☐Solid w/freestanding or absorbed liquid
- ☒Liquid (If liquid, indicate if the liquid is:
  - ☒Single Layer
  - ☐Multi-layer

pH:
- ☐< 2 **[D002]**
- ☒> 2 but < 12.5
- ☐N/A
- ☐> 12.5 **[D002]**

Flashpoint:
- ☐< 140 °F **[D001]**
- ☐> 140 °F but < 200 °F
- ☒N/A
- ☐> 200 °F

Characteristic	**PCB Content**	**TCLP Metals**
☐Ignitable **[D001]** ☐Corrosive **[D002]** ☐Reactive **[D003]** ☐Toxic **[D004 – D043]** **List Here:**	☒Not Detected **[non TSCA or State Regulated]** ☐Not Sampled ☐≥ 2 ppm and < 50 ppm **[Potentially TSCA Regulated or State Regulated PCB Waste-WPCB]** ☐≥ 50 ppm **[TSCA Regulated]** ☐< 1 ppm Note: **IF WASTE STREAM IS BEING MANAGED AS TSCA WASTE, DO NOT USE WPCB STATE CODE PER WAC 173-303-071(3)(k)**	☐Arsenic ≥ 5.0 mg/L **[D004]** ☐Barium ≥ 100.0 mg/L **[D005]** ☐Cadmium ≥ 1.0 mg/L **[D006]** ☐Chromium ≥ 5.0 mg/L **[D007]** ☐Lead ≥ 5.0 mg/L **[D008]** ☐Mercury ≥ 0.2 mg/L **[D009]** ☐Selenium ≥ 1.0 mg/L **[D010]** ☐Silver ≥ 5.0 mg/L **[D011]** Check if: ☐Assumed ☐TCLP Conducted ☒TCLP Not Conducted **Comments:**

Total Metals ☐mg/kg ☐ug/kg ☐mg/L ☒ug/L

Arsenic:		☒ND
Barium:	170	☐ND
Cadmium:		☒ND
Chromium:	60	☐ND
Copper:	240	☐ND
Lead:	220	☐ND
Mercury:		☒ND
Nickel:	110	☐ND
Selenium:		☒ND
Silver:		☒ND
Zinc:	730	☐ND

Comments:

Physical Composition (list all constituents, including debris, any absorbents, liquid range, etc.).

Constituent	**Volume (Range %)**
water	90-100
Oils, sludge, debris	0 - 10

C. LISTED WASTE

☐ **Discarded Listed Chemical Product (U or P List):**
☐ **Listed Source Waste (F or K List):**
☒ **Not Applicable:**

D. WA STATE CRITERIA WASTE

☐**Not applicable per WAC 173-303-070(5): Further designation will not change the generator status or change the way the waste must be managed.**

WA Toxic Criteria Equivalent Concentration (E.C):		WA Persistent Criteria Total HOC		WA Persistent Criteria Total PAH	
☒ **< 0.001 %**	**[not a Toxic Criteria DW]**	☒ **< 0.01 %**	**[NOT APPLICABLE]**	☒ **< 1.0%**	**[NOT APPLICABLE]**
☐ **0.001 ≥ 1.0 %**	**[WT02 – DW]**	☐ **0.01 to 1.0%**	**[WP02 – DW]**	☐ **> 1.0%**	**[WP03 – EHW]**
☐ **≥ 1.0%**	**[WT01 – EHW]**	☐ **> 1.0 %**	**[WP01 – EHW]**		

DW: Dangerous Waste EHW: Extremely Hazardous Waste HOC: Halogenated Organic Compounds PAH: Polycyclic Aromatic Hydrocarbons

E. ADDITIONAL INFORMATION (Describe any additional information about the waste (e.g. process knowledge statement, regulatory exemptions, assumptions made, etc.)

Analysis has identified trace constituents listed in 40 CFR 261.31, *Wastes from Non-Specific Sources*. However, the original processes generating any of the trace constituents in question are unknown and therefore RCRA F Series is not applicable. This designation is consistent with USEPA interpretation of unknown F-Listed trace constituents: "*Where a facility owner/operator makes a good faith effort to determine if a material is a listed hazardous waste but cannot make such a determination because documentation regarding a source of contamination, contaminant, or waste is unavailable or inconclusive, EPA has stated that one may assume the source, contaminant or waste is not listed hazardous waste.*" - Management of Remediation Waste Under RCRA, EPA530-F-98-026

Analysis has also identified constituents potentially exhibiting toxicity characteristics. However, in accordance with 40 CFR 261.4 (b)(10), these compounds are not considered hazardous waste, because the impacted media was removed as part of a UST Corrective Action.

A Washington State toxic criteria book designation was conducted in accordance with WAC 173-303-100. The calculated equivalent concentration value was less than 0.001%, **this waste stream is therefore designated as non-dangerous waste.**

Attachments:
☐ **Field Report**
☐ **Sample Log**
☒ **Laboratory Data** (OnSite Environmental Lab Report 2310-156)
☒ **Dangerous Waste Toxic Equivalent Concentration Calculation**
☐ **Biological Testing Method 80-12 (Fish Bioassay)**
☐ **Other:**

F. WASTE DESIGNATION SUMMARY

☐ **RCRA Hazardous Waste**
USDOT Proper Shipping Name:
RCRA Waste Codes:

☐ **TSCA Regulated Waste**
TSCA Description:

☒ **Non-Hazardous Solid Waste/RCRA Exempt/RCRA Excluded**
Description: Non-hazardous waste, liquid

Designation Performed by: Nathan Moxley, LHG
Title: Senior Geologist Date: 10-16-2023

Designation Reviewed by: Dave Hill, PE, CHMM
Title: Principal Engineer Date: 10-16-2023

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Analyte	CAS	Concentration*	Toxicity□□□□r□e□	Toxic Category	Concentration (mass %) X	A	B	C	D
TOTAL METALS by 6010C/7471B									
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OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

October 13, 2023

David Hill
DH Environmental, Inc.
1011 SW Klickitat Way, Suite 107
Seattle, WA 98103

Re: Analytical Data for Project Star Forge
Laboratory Reference No. 2310-156

Dear David:

Enclosed are the analytical results and associated quality control data for samples submitted on October 12, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 13, 2023
Samples Submitted: October 12, 2023
Laboratory Reference: 2310-156
Project: Star Forge

Case Narrative

Samples were collected on October 12, 2023 and received by the laboratory on October 12, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below. However the soil results for the QA/QC samples are reported on a wet-weight basis.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

PCBs EPA 8082A Analysis

Sample matrix effects caused the percent recovery for the surrogate DCB in the sample UST Piping Utilidor (30%) to be below the quality control limits of 55-138%. All other QC associated with this sample batch was within limits. No further action was undertaken.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 13, 2023
Samples Submitted: October 12, 2023
Laboratory Reference: 2310-156
Project: Star Forge

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**UST Piping Utilidor**					
Laboratory ID:	10-156-01					
Dichlorodifluoromethane	ND	2.0	EPA 8260D	10-13-23	10-13-23	
Chloromethane	ND	10	EPA 8260D	10-13-23	10-13-23	
Vinyl Chloride	ND	2.0	EPA 8260D	10-13-23	10-13-23	
Bromomethane	ND	10	EPA 8260D	10-13-23	10-13-23	
Chloroethane	ND	10	EPA 8260D	10-13-23	10-13-23	
Trichlorofluoromethane	ND	2.0	EPA 8260D	10-13-23	10-13-23	
1,1-Dichloroethene	ND	2.0	EPA 8260D	10-13-23	10-13-23	
Acetone	51	50	EPA 8260D	10-13-23	10-13-23	
Iodomethane	ND	50	EPA 8260D	10-13-23	10-13-23	
Carbon Disulfide	ND	2.0	EPA 8260D	10-13-23	10-13-23	
Methylene Chloride	ND	10	EPA 8260D	10-13-23	10-13-23	
(trans) 1,2-Dichloroethene	ND	2.0	EPA 8260D	10-13-23	10-13-23	
Methyl t-Butyl Ether	ND	2.0	EPA 8260D	10-13-23	10-13-23	
1,1-Dichloroethane	ND	2.0	EPA 8260D	10-13-23	10-13-23	
Vinyl Acetate	ND	10	EPA 8260D	10-13-23	10-13-23	
2,2-Dichloropropane	ND	2.0	EPA 8260D	10-13-23	10-13-23	
(cis) 1,2-Dichloroethene	ND	2.0	EPA 8260D	10-13-23	10-13-23	
2-Butanone	ND	50	EPA 8260D	10-13-23	10-13-23	
Bromochloromethane	ND	2.0	EPA 8260D	10-13-23	10-13-23	
Chloroform	ND	2.0	EPA 8260D	10-13-23	10-13-23	
1,1,1-Trichloroethane	ND	2.0	EPA 8260D	10-13-23	10-13-23	
Carbon Tetrachloride	ND	2.0	EPA 8260D	10-13-23	10-13-23	
1,1-Dichloropropene	ND	2.0	EPA 8260D	10-13-23	10-13-23	
Benzene	10	2.0	EPA 8260D	10-13-23	10-13-23	
1,2-Dichloroethane	ND	2.0	EPA 8260D	10-13-23	10-13-23	
Trichloroethene	ND	2.0	EPA 8260D	10-13-23	10-13-23	
1,2-Dichloropropane	ND	2.0	EPA 8260D	10-13-23	10-13-23	
Dibromomethane	ND	2.0	EPA 8260D	10-13-23	10-13-23	
Bromodichloromethane	ND	2.0	EPA 8260D	10-13-23	10-13-23	
(cis) 1,3-Dichloropropene	ND	2.0	EPA 8260D	10-13-23	10-13-23	
Methyl Isobutyl Ketone	ND	20	EPA 8260D	10-13-23	10-13-23	
Toluene	100	10	EPA 8260D	10-13-23	10-13-23	
(trans) 1,3-Dichloropropene	ND	2.0	EPA 8260D	10-13-23	10-13-23	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 13, 2023
Samples Submitted: October 12, 2023
Laboratory Reference: 2310-156
Project: Star Forge

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**UST Piping Utilidor**					
Laboratory ID:	10-156-01					
1,1,2-Trichloroethane	ND	2.0	EPA 8260D	10-13-23	10-13-23	
Tetrachloroethene	ND	2.0	EPA 8260D	10-13-23	10-13-23	
1,3-Dichloropropane	ND	2.0	EPA 8260D	10-13-23	10-13-23	
2-Hexanone	ND	20	EPA 8260D	10-13-23	10-13-23	
Dibromochloromethane	ND	2.0	EPA 8260D	10-13-23	10-13-23	
1,2-Dibromoethane	ND	2.0	EPA 8260D	10-13-23	10-13-23	
Chlorobenzene	ND	2.0	EPA 8260D	10-13-23	10-13-23	
1,1,1,2-Tetrachloroethane	ND	2.0	EPA 8260D	10-13-23	10-13-23	
Ethylbenzene	84	2.0	EPA 8260D	10-13-23	10-13-23	
m,p-Xylene	370	4.0	EPA 8260D	10-13-23	10-13-23	
o-Xylene	170	2.0	EPA 8260D	10-13-23	10-13-23	
Styrene	ND	2.0	EPA 8260D	10-13-23	10-13-23	
Bromoform	ND	10	EPA 8260D	10-13-23	10-13-23	
Isopropylbenzene	31	2.0	EPA 8260D	10-13-23	10-13-23	
Bromobenzene	ND	2.0	EPA 8260D	10-13-23	10-13-23	
1,1,2,2-Tetrachloroethane	ND	2.0	EPA 8260D	10-13-23	10-13-23	
1,2,3-Trichloropropane	ND	2.0	EPA 8260D	10-13-23	10-13-23	
n-Propylbenzene	66	2.0	EPA 8260D	10-13-23	10-13-23	
2-Chlorotoluene	ND	2.0	EPA 8260D	10-13-23	10-13-23	
4-Chlorotoluene	ND	2.0	EPA 8260D	10-13-23	10-13-23	
1,3,5-Trimethylbenzene	120	2.0	EPA 8260D	10-13-23	10-13-23	
tert-Butylbenzene	ND	2.0	EPA 8260D	10-13-23	10-13-23	
1,2,4-Trimethylbenzene	410	2.0	EPA 8260D	10-13-23	10-13-23	
sec-Butylbenzene	42	2.0	EPA 8260D	10-13-23	10-13-23	
1,3-Dichlorobenzene	ND	2.0	EPA 8260D	10-13-23	10-13-23	
p-Isopropyltoluene	38	2.0	EPA 8260D	10-13-23	10-13-23	Y
1,4-Dichlorobenzene	ND	2.0	EPA 8260D	10-13-23	10-13-23	
1,2-Dichlorobenzene	ND	2.0	EPA 8260D	10-13-23	10-13-23	
n-Butylbenzene	ND	2.0	EPA 8260D	10-13-23	10-13-23	
1,2-Dibromo-3-chloropropane	ND	10	EPA 8260D	10-13-23	10-13-23	
1,2,4-Trichlorobenzene	ND	2.0	EPA 8260D	10-13-23	10-13-23	
Hexachlorobutadiene	ND	10	EPA 8260D	10-13-23	10-13-23	
Naphthalene	360	10	EPA 8260D	10-13-23	10-13-23	
1,2,3-Trichlorobenzene	ND	2.0	EPA 8260D	10-13-23	10-13-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*101*	*75-127*				
Toluene-d8	*110*	*80-127*				
4-Bromofluorobenzene	*101*	*78-125*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 13, 2023
Samples Submitted: October 12, 2023
Laboratory Reference: 2310-156
Project: Star Forge

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1013W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	10-13-23	10-13-23	
Chloromethane	ND	1.0	EPA 8260D	10-13-23	10-13-23	
Vinyl Chloride	ND	0.20	EPA 8260D	10-13-23	10-13-23	
Bromomethane	ND	1.0	EPA 8260D	10-13-23	10-13-23	
Chloroethane	ND	1.0	EPA 8260D	10-13-23	10-13-23	
Trichlorofluoromethane	ND	0.20	EPA 8260D	10-13-23	10-13-23	
1,1-Dichloroethene	ND	0.20	EPA 8260D	10-13-23	10-13-23	
Acetone	ND	5.0	EPA 8260D	10-13-23	10-13-23	
Iodomethane	ND	5.0	EPA 8260D	10-13-23	10-13-23	
Carbon Disulfide	ND	0.20	EPA 8260D	10-13-23	10-13-23	
Methylene Chloride	ND	1.0	EPA 8260D	10-13-23	10-13-23	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-13-23	10-13-23	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	10-13-23	10-13-23	
1,1-Dichloroethane	ND	0.20	EPA 8260D	10-13-23	10-13-23	
Vinyl Acetate	ND	1.0	EPA 8260D	10-13-23	10-13-23	
2,2-Dichloropropane	ND	0.20	EPA 8260D	10-13-23	10-13-23	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-13-23	10-13-23	
2-Butanone	ND	5.0	EPA 8260D	10-13-23	10-13-23	
Bromochloromethane	ND	0.20	EPA 8260D	10-13-23	10-13-23	
Chloroform	ND	0.20	EPA 8260D	10-13-23	10-13-23	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	10-13-23	10-13-23	
Carbon Tetrachloride	ND	0.20	EPA 8260D	10-13-23	10-13-23	
1,1-Dichloropropene	ND	0.20	EPA 8260D	10-13-23	10-13-23	
Benzene	ND	0.20	EPA 8260D	10-13-23	10-13-23	
1,2-Dichloroethane	ND	0.20	EPA 8260D	10-13-23	10-13-23	
Trichloroethene	ND	0.20	EPA 8260D	10-13-23	10-13-23	
1,2-Dichloropropane	ND	0.20	EPA 8260D	10-13-23	10-13-23	
Dibromomethane	ND	0.20	EPA 8260D	10-13-23	10-13-23	
Bromodichloromethane	ND	0.20	EPA 8260D	10-13-23	10-13-23	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	10-13-23	10-13-23	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	10-13-23	10-13-23	
Toluene	ND	1.0	EPA 8260D	10-13-23	10-13-23	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	10-13-23	10-13-23	

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Date of Report: October 13, 2023
Samples Submitted: October 12, 2023
Laboratory Reference: 2310-156
Project: Star Forge

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QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1013W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	10-13-23	10-13-23	
Tetrachloroethene	ND	0.20	EPA 8260D	10-13-23	10-13-23	
1,3-Dichloropropane	ND	0.20	EPA 8260D	10-13-23	10-13-23	
2-Hexanone	ND	2.0	EPA 8260D	10-13-23	10-13-23	
Dibromochloromethane	ND	0.20	EPA 8260D	10-13-23	10-13-23	
1,2-Dibromoethane	ND	0.20	EPA 8260D	10-13-23	10-13-23	
Chlorobenzene	ND	0.20	EPA 8260D	10-13-23	10-13-23	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	10-13-23	10-13-23	
Ethylbenzene	ND	0.20	EPA 8260D	10-13-23	10-13-23	
m,p-Xylene	ND	0.40	EPA 8260D	10-13-23	10-13-23	
o-Xylene	ND	0.20	EPA 8260D	10-13-23	10-13-23	
Styrene	ND	0.20	EPA 8260D	10-13-23	10-13-23	
Bromoform	ND	1.0	EPA 8260D	10-13-23	10-13-23	
Isopropylbenzene	ND	0.20	EPA 8260D	10-13-23	10-13-23	
Bromobenzene	ND	0.20	EPA 8260D	10-13-23	10-13-23	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	10-13-23	10-13-23	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	10-13-23	10-13-23	
n-Propylbenzene	ND	0.20	EPA 8260D	10-13-23	10-13-23	
2-Chlorotoluene	ND	0.20	EPA 8260D	10-13-23	10-13-23	
4-Chlorotoluene	ND	0.20	EPA 8260D	10-13-23	10-13-23	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	10-13-23	10-13-23	
tert-Butylbenzene	ND	0.20	EPA 8260D	10-13-23	10-13-23	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260D	10-13-23	10-13-23	
sec-Butylbenzene	ND	0.20	EPA 8260D	10-13-23	10-13-23	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	10-13-23	10-13-23	
p-Isopropyltoluene	ND	0.20	EPA 8260D	10-13-23	10-13-23	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	10-13-23	10-13-23	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	10-13-23	10-13-23	
n-Butylbenzene	ND	0.20	EPA 8260D	10-13-23	10-13-23	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	10-13-23	10-13-23	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	10-13-23	10-13-23	
Hexachlorobutadiene	ND	1.0	EPA 8260D	10-13-23	10-13-23	
Naphthalene	ND	1.0	EPA 8260D	10-13-23	10-13-23	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	10-13-23	10-13-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*99*	*75-127*				
Toluene-d8	*107*	*80-127*				
4-Bromofluorobenzene	*101*	*78-125*				

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Date of Report: October 13, 2023
Samples Submitted: October 12, 2023
Laboratory Reference: 2310-156
Project: Star Forge

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1013W1									
	SB	SBD	SB	SBD	SB	SBD				
Dichlorodifluoromethane	**13.3**	**11.1**	10.0	10.0	133	111	34-166	18	21	
Chloromethane	**8.14**	**7.18**	10.0	10.0	81	72	63-138	13	18	
Vinyl Chloride	**9.66**	**8.35**	10.0	10.0	97	84	71-135	15	20	
Bromomethane	**12.2**	**11.3**	10.0	10.0	122	113	20-151	8	36	
Chloroethane	**9.47**	**8.15**	10.0	10.0	95	82	76-125	15	20	
Trichlorofluoromethane	**10.1**	**8.81**	10.0	10.0	101	88	75-131	14	19	
1,1-Dichloroethene	**9.63**	**8.58**	10.0	10.0	96	86	78-125	12	19	
Acetone	**8.25**	**8.56**	10.0	10.0	83	86	76-125	4	18	
Iodomethane	**10.8**	**10.5**	10.0	10.0	108	105	10-155	3	40	
Carbon Disulfide	**8.42**	**7.65**	10.0	10.0	84	77	58-129	10	17	
Methylene Chloride	**8.68**	**7.84**	10.0	10.0	87	78	80-120	10	15	I
(trans) 1,2-Dichloroethene	**8.93**	**8.14**	10.0	10.0	89	81	80-125	9	17	
Methyl t-Butyl Ether	**8.45**	**7.56**	10.0	10.0	85	76	80-122	11	15	I
1,1-Dichloroethane	**9.08**	**8.10**	10.0	10.0	91	81	80-125	11	17	
Vinyl Acetate	**9.72**	**8.82**	10.0	10.0	97	88	80-131	10	15	
2,2-Dichloropropane	**10.6**	**9.84**	10.0	10.0	106	98	80-146	7	21	
(cis) 1,2-Dichloroethene	**9.31**	**8.32**	10.0	10.0	93	83	80-129	11	17	
2-Butanone	**9.02**	**8.66**	10.0	10.0	90	87	80-129	4	16	
Bromochloromethane	**9.06**	**7.82**	10.0	10.0	91	78	80-125	15	18	I
Chloroform	**9.15**	**8.24**	10.0	10.0	92	82	80-123	10	16	
1,1,1-Trichloroethane	**9.34**	**8.45**	10.0	10.0	93	85	80-123	10	18	
Carbon Tetrachloride	**9.78**	**8.67**	10.0	10.0	98	87	80-126	12	17	
1,1-Dichloropropene	**9.38**	**8.39**	10.0	10.0	94	84	80-126	11	18	
Benzene	**8.92**	**8.08**	10.0	10.0	89	81	80-121	10	16	
1,2-Dichloroethane	**9.77**	**8.95**	10.0	10.0	98	90	80-124	9	15	
Trichloroethene	**10.1**	**8.99**	10.0	10.0	101	90	80-122	12	18	
1,2-Dichloropropane	**9.76**	**8.20**	10.0	10.0	98	82	80-123	17	15	L
Dibromomethane	**9.55**	**8.14**	10.0	10.0	96	81	80-123	16	15	L
Bromodichloromethane	**9.65**	**8.46**	10.0	10.0	97	85	80-125	13	15	
(cis) 1,3-Dichloropropene	**9.66**	**8.76**	10.0	10.0	97	88	80-129	10	15	
Methyl Isobutyl Ketone	**9.60**	**8.48**	10.0	10.0	96	85	80-124	12	15	
Toluene	**9.41**	**8.34**	10.0	10.0	94	83	80-120	12	18	
(trans) 1,3-Dichloropropene	**11.1**	**10.1**	10.0	10.0	111	101	80-134	9	17	

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Date of Report: October 13, 2023
Samples Submitted: October 12, 2023
Laboratory Reference: 2310-156
Project: Star Forge

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 2 of 2

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1013W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1,2-Trichloroethane	**9.55**	**8.76**	10.0	10.0	96	88	77-126	9	20	
Tetrachloroethene	**12.0**	**10.8**	10.0	10.0	120	108	80-124	11	18	
1,3-Dichloropropane	**10.0**	**8.86**	10.0	10.0	100	89	80-120	12	15	
2-Hexanone	**9.89**	**9.59**	10.0	10.0	99	96	80-130	3	16	
Dibromochloromethane	**10.2**	**9.22**	10.0	10.0	102	92	80-128	10	15	
1,2-Dibromoethane	**9.54**	**9.01**	10.0	10.0	95	90	80-127	6	15	
Chlorobenzene	**11.0**	**9.90**	10.0	10.0	110	99	80-120	11	17	
1,1,1,2-Tetrachloroethane	**10.8**	**9.82**	10.0	10.0	108	98	80-125	10	17	
Ethylbenzene	**11.1**	**10.2**	10.0	10.0	111	102	80-125	8	18	
m,p-Xylene	**22.5**	**20.9**	20.0	20.0	113	105	80-127	7	18	
o-Xylene	**10.9**	**10.1**	10.0	10.0	109	101	80-126	8	18	
Styrene	**10.9**	**10.1**	10.0	10.0	109	101	80-130	8	17	
Bromoform	**10.7**	**9.73**	10.0	10.0	107	97	80-130	9	15	
Isopropylbenzene	**11.3**	**10.5**	10.0	10.0	113	105	80-129	7	18	
Bromobenzene	**10.4**	**8.98**	10.0	10.0	104	90	76-128	15	16	
1,1,2,2-Tetrachloroethane	**9.44**	**7.78**	10.0	10.0	94	78	74-130	19	15	L
1,2,3-Trichloropropane	**8.95**	**7.63**	10.0	10.0	90	76	71-129	16	25	
n-Propylbenzene	**11.9**	**10.4**	10.0	10.0	119	104	80-129	13	19	
2-Chlorotoluene	**11.3**	**9.82**	10.0	10.0	113	98	80-128	14	18	
4-Chlorotoluene	**11.3**	**9.92**	10.0	10.0	113	99	80-130	13	19	
1,3,5-Trimethylbenzene	**11.6**	**9.95**	10.0	10.0	116	100	80-131	15	18	
tert-Butylbenzene	**11.6**	**10.1**	10.0	10.0	116	101	80-130	14	18	
1,2,4-Trimethylbenzene	**11.7**	**10.3**	10.0	10.0	117	103	80-130	13	18	
sec-Butylbenzene	**11.8**	**10.8**	10.0	10.0	118	108	80-130	9	18	
1,3-Dichlorobenzene	**11.5**	**10.1**	10.0	10.0	115	101	80-126	13	17	
p-Isopropyltoluene	**12.2**	**11.0**	10.0	10.0	122	110	80-132	10	18	
1,4-Dichlorobenzene	**11.0**	**9.85**	10.0	10.0	110	99	80-121	11	17	
1,2-Dichlorobenzene	**10.8**	**9.97**	10.0	10.0	108	100	79-125	8	15	
n-Butylbenzene	**12.4**	**11.8**	10.0	10.0	124	118	80-138	5	19	
1,2-Dibromo-3-chloropropane	**9.27**	**8.38**	10.0	10.0	93	84	73-133	10	15	
1,2,4-Trichlorobenzene	**11.5**	**11.8**	10.0	10.0	115	118	80-139	3	18	
Hexachlorobutadiene	**11.2**	**12.3**	10.0	10.0	112	123	80-151	9	18	
Naphthalene	**10.7**	**11.1**	10.0	10.0	107	111	68-144	4	25	
1,2,3-Trichlorobenzene	**10.6**	**11.8**	10.0	10.0	106	118	75-146	11	28	
Surrogate:										
Dibromofluoromethane					*101*	*99*	*75-127*			
Toluene-d8					*112*	*108*	*80-127*			
4-Bromofluorobenzene					*100*	*101*	*78-125*			

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Date of Report: October 13, 2023
Samples Submitted: October 12, 2023
Laboratory Reference: 2310-156
Project: Star Forge

PCBs EPA 8082A

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**UST Piping Utilidor**					
Laboratory ID:	10-156-01					
Aroclor 1016	**ND**	0.35	EPA 8082A	10-13-23	10-13-23	U1
Aroclor 1221	**ND**	0.35	EPA 8082A	10-13-23	10-13-23	U1
Aroclor 1232	**ND**	0.35	EPA 8082A	10-13-23	10-13-23	U1
Aroclor 1242	**ND**	0.35	EPA 8082A	10-13-23	10-13-23	U1
Aroclor 1248	**ND**	0.058	EPA 8082A	10-13-23	10-13-23	
Aroclor 1254	**ND**	0.058	EPA 8082A	10-13-23	10-13-23	
Aroclor 1260	**ND**	0.058	EPA 8082A	10-13-23	10-13-23	
Aroclor 1262	**ND**	0.058	EPA 8082A	10-13-23	10-13-23	
Aroclor 1268	**ND**	0.058	EPA 8082A	10-13-23	10-13-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*30*	*55-138*				Q

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Date of Report: October 13, 2023
Samples Submitted: October 12, 2023
Laboratory Reference: 2310-156
Project: Star Forge

PCBs EPA 8082A
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1013W1					
Aroclor 1016	**ND**	0.050	EPA 8082A	10-13-23	10-13-23	
Aroclor 1221	**ND**	0.050	EPA 8082A	10-13-23	10-13-23	
Aroclor 1232	**ND**	0.050	EPA 8082A	10-13-23	10-13-23	
Aroclor 1242	**ND**	0.050	EPA 8082A	10-13-23	10-13-23	
Aroclor 1248	**ND**	0.050	EPA 8082A	10-13-23	10-13-23	
Aroclor 1254	**ND**	0.050	EPA 8082A	10-13-23	10-13-23	
Aroclor 1260	**ND**	0.050	EPA 8082A	10-13-23	10-13-23	
Aroclor 1262	**ND**	0.050	EPA 8082A	10-13-23	10-13-23	
Aroclor 1268	**ND**	0.050	EPA 8082A	10-13-23	10-13-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*80*	*55-138*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS											
Laboratory ID:	SB1013W1										
	SB	SBD	SB	SBD		SB	SBD				
Aroclor 1260	**0.459**	**0.463**	0.500	0.500	N/A	**92**	**93**	66-120	1	16	
Surrogate:											
DCB						*92*	*87*	*55-138*			

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Date of Report: October 13, 2023
Samples Submitted: October 12, 2023
Laboratory Reference: 2310-156
Project: Star Forge

TOTAL METALS
EPA 6010D/7470A

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**UST Piping Utilidor**					
Laboratory ID:	10-156-01					
Arsenic	**ND**	200	EPA 6010D	10-12-23	10-12-23	
Barium	**170**	50	EPA 6010D	10-12-23	10-12-23	
Cadmium	**ND**	10	EPA 6010D	10-12-23	10-12-23	
Chromium	**60**	10	EPA 6010D	10-12-23	10-12-23	
Copper	**240**	20	EPA 6010D	10-12-23	10-12-23	
Lead	**220**	100	EPA 6010D	10-12-23	10-12-23	
Mercury	**ND**	0.50	EPA 7470A	10-12-23	10-12-23	
Nickel	**110**	50	EPA 6010D	10-12-23	10-12-23	
Selenium	**ND**	200	EPA 6010D	10-12-23	10-12-23	
Silver	**ND**	20	EPA 6010D	10-12-23	10-12-23	
Zinc	**730**	50	EPA 6010D	10-12-23	10-12-23	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: October 13, 2023
Samples Submitted: October 12, 2023
Laboratory Reference: 2310-156
Project: Star Forge

TOTAL METALS
EPA 6010D/7470A
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1012WH2					
Arsenic	**ND**	200	EPA 6010D	10-12-23	10-12-23	
Barium	**ND**	50	EPA 6010D	10-12-23	10-12-23	
Cadmium	**ND**	10	EPA 6010D	10-12-23	10-12-23	
Chromium	**ND**	10	EPA 6010D	10-12-23	10-12-23	
Copper	**ND**	20	EPA 6010D	10-12-23	10-12-23	
Lead	**ND**	100	EPA 6010D	10-12-23	10-12-23	
Nickel	**ND**	50	EPA 6010D	10-12-23	10-12-23	
Selenium	**ND**	200	EPA 6010D	10-12-23	10-12-23	
Silver	**ND**	20	EPA 6010D	10-12-23	10-12-23	
Zinc	**ND**	50	EPA 6010D	10-12-23	10-12-23	
Laboratory ID:	MB1012W2					
Mercury	**ND**	0.50	EPA 7470A	10-12-23	10-12-23	

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Date of Report: October 13, 2023
Samples Submitted: October 12, 2023
Laboratory Reference: 2310-156
Project: Star Forge

TOTAL METALS
EPA 6010D/7470A
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result		Spike Level		Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	10-116-10									
	ORIG	DUP								
Arsenic	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Barium	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Cadmium	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Chromium	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Copper	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Lead	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Nickel	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Selenium	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Silver	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Zinc	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Laboratory ID:	10-117-01									
Mercury	**ND**	**ND**	NA	NA		NA	NA	NA	20	
MATRIX SPIKES										
Laboratory ID:	10-116-10									
	MS	MSD	MS	MSD		MS	MSD			
Arsenic	**1970**	**2120**	2000	2000	ND	**99**	**106**	75-125	7	20
Barium	**2200**	**2260**	2000	2000	ND	**110**	**113**	75-125	3	20
Cadmium	**997**	**1020**	1000	1000	ND	**100**	**102**	75-125	2	20
Chromium	**2080**	**2120**	2000	2000	ND	**104**	**106**	75-125	2	20
Copper	**1060**	**1070**	1000	1000	ND	**106**	**107**	75-125	2	20
Lead	**5420**	**5510**	5000	5000	ND	**108**	**110**	75-125	2	20
Nickel	**2180**	**2230**	2000	2000	ND	**109**	**111**	75-125	2	20
Selenium	**2020**	**2030**	2000	2000	ND	**101**	**102**	75-125	0	20
Silver	**530**	**542**	500	500	ND	**106**	**108**	75-125	2	20
Zinc	**2120**	**2170**	2000	2000	ND	**106**	**108**	75-125	2	20
Laboratory ID:	10-117-01									
Mercury	**6.48**	**6.33**	6.25	6.25	ND	**104**	**101**	75-125	2	20

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: DH Environmental
Project Number:
Project Name: Star Forge
Project Manager: N. Moxley ~~D. Hill~~ DM
Sampled by: D. Hill

Turnaround Request (in working days)
(Check One)
☐ Same Day ☒ 1 Day
☐ 2 Days ☐ 3 Days
☐ Standard (7 Days)
☒ Best Available (other)

Laboratory Number: 10-156

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (SG Clean-up☐)	Volatiles 8260	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals + Cu, Ni, Zn	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664					% Moisture
1	UST Piping Utility	10/12/23	1115	Water	6					X					X				X								

	Signature	Company	Date	Time
Relinquished		DH Environmental	10/12/23	1250
Received		OSE	10/12/23	1250
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Data Package: Standard ☒ Level III ☐ Level IV ☐

Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

August 31, 2023

Nathan Moxley
DH Environmental, Inc.
1011 SW Klickitat Way, Suite 107
Seattle, WA 98103

Re: Analytical Data for Project Jorgensen UST Site Assessment
Laboratory Reference No. 2308-250

Dear Nathan:

Enclosed are the analytical results and associated quality control data for samples submitted on August 22, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 31, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250
Project: Jorgensen UST Site Assessment

Case Narrative

Samples were collected on August 21 and 22, 2023 and received by the laboratory on August 22, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Volatiles EPA 8260D (Water) Analysis

The percent recovery for 1,1,2,2-Tetrachloroethane is outside the control limits in the Spike Blank Duplicate. The method allows for a percentage of the compounds to fall outside of the control limits due to the large number of analytes being spiked.

Volatiles EPA 8260D (Soil) Analysis

The percent recovery for Dibromomethane is outside the control limits in the Spike Blank Duplicate. The method allows for a percentage of the compounds to fall outside of the control limits due to the large number of analytes being spiked.

The RPD for Dibromomethane is outside the control limits for the Spike Blank/Spike Blank Duplicate. The method allows for a percentage of the compounds to fall outside of the control limits due to the large number of analytes being spiked.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 31, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250
Project: Jorgensen UST Site Assessment

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-piping-SS-24-2.0-082123**					
Laboratory ID:	08-250-01					
Gasoline	**ND**	6.4	NWTPH-Gx	8-24-23	8-24-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*81*	*65-126*				
Client ID:	**NT-piping-SS-25-2.0-082123**					
Laboratory ID:	08-250-02					
Gasoline	**ND**	5.2	NWTPH-Gx	8-24-23	8-24-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*91*	*65-126*				
Client ID:	**NT-piping-SS-26-2.0-082123**					
Laboratory ID:	08-250-03					
Gasoline	**ND**	4.8	NWTPH-Gx	8-24-23	8-24-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*93*	*65-126*				
Client ID:	**NT-SS-29-6.5-082223**					
Laboratory ID:	08-250-04					
Gasoline	**ND**	4.9	NWTPH-Gx	8-24-23	8-24-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*87*	*65-126*				
Client ID:	**NT-SS-30-6.5-082223**					
Laboratory ID:	08-250-05					
Gasoline	**ND**	5.8	NWTPH-Gx	8-24-23	8-24-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*89*	*65-126*				
Client ID:	**NT-SS-31-6.5-082223**					
Laboratory ID:	08-250-06					
Gasoline Range Organics	**80**	4.9	NWTPH-Gx	8-24-23	8-24-23	O
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*87*	*65-126*				
Client ID:	**NT-SS-32-6.5-082223**					
Laboratory ID:	08-250-07					
Gasoline	**ND**	5.3	NWTPH-Gx	8-24-23	8-24-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*90*	*65-126*				

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Date of Report: August 31, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250
Project: Jorgensen UST Site Assessment

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-SS-33-6.5-082223**					
Laboratory ID:	08-250-08					
Gasoline	**ND**	5.7	NWTPH-Gx	8-24-23	8-24-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*86*	*65-126*				
Client ID:	**NT-SS-34-6.5-082223**					
Laboratory ID:	08-250-09					
Gasoline Range Organics	**280**	5.3	NWTPH-Gx	8-24-23	8-25-23	O
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*84*	*65-126*				
Client ID:	**NT-SS-35-6.5-082223**					
Laboratory ID:	08-250-10					
Gasoline Range Organics	**6.5**	5.4	NWTPH-Gx	8-24-23	8-24-23	O
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*91*	*65-126*				
Client ID:	**NT-SS-Dup-1-082223**					
Laboratory ID:	08-250-11					
Gasoline	**ND**	5.1	NWTPH-Gx	8-24-23	8-24-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*89*	*65-126*				
Client ID:	**ST-SS-8-8.5-082223**					
Laboratory ID:	08-250-12					
Gasoline Range Organics	**1300**	62	NWTPH-Gx	8-24-23	8-25-23	O
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*76*	*65-126*				
Client ID:	**ST-SS-7-8.5-082223**					
Laboratory ID:	08-250-13					
Gasoline	**ND**	5.7	NWTPH-Gx	8-24-23	8-24-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*83*	*65-126*				
Client ID:	**ST-SS-6-8.5-082223**					
Laboratory ID:	08-250-14					
Gasoline	**ND**	5.6	NWTPH-Gx	8-24-23	8-24-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*93*	*65-126*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 31, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250
Project: Jorgensen UST Site Assessment

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**ST-SS-1-8.5-082223**					
Laboratory ID:	08-250-15					
Gasoline	**ND**	6.7	NWTPH-Gx	8-24-23	8-24-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*91*	*65-126*				
Client ID:	**ST-SS-2-8.5-082223**					
Laboratory ID:	08-250-16					
Gasoline	**ND**	7.3	NWTPH-Gx	8-24-23	8-24-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*91*	*65-126*				
Client ID:	**ST-SS-Dup-2-082223**					
Laboratory ID:	08-250-17					
Gasoline	**ND**	6.4	NWTPH-Gx	8-24-23	8-24-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*94*	*65-126*				

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 31, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250
Project: Jorgensen UST Site Assessment

GASOLINE RANGE ORGANICS
NWTPH-Gx
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0824S1					
Gasoline	**ND**	5.0	NWTPH-Gx	8-24-23	8-24-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*89*	*65-126*				
Laboratory ID:	MB0824S2					
Gasoline	**ND**	5.0	NWTPH-Gx	8-24-23	8-24-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*87*	*65-126*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	08-250-01										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*81*	*90*	*65-126*			
Laboratory ID:	08-250-02										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*91*	*92*	*65-126*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 31, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250
Project: Jorgensen UST Site Assessment

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Trip Blank**					
Laboratory ID:	08-250-18					
Gasoline	**ND**	100	NWTPH-Gx	8-23-23	8-23-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*70*	*65-122*				

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Date of Report: August 31, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250
Project: Jorgensen UST Site Assessment

GASOLINE RANGE ORGANICS
NWTPH-Gx
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0823W1					
Gasoline	**ND**	100	NWTPH-Gx	8-23-23	8-23-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*82*	*65-122*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	08-231-01										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*83*	*79*	*65-122*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 31, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250
Project: Jorgensen UST Site Assessment

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-piping-SS-24-2.0-082123**					
Laboratory ID:	08-250-01					
Diesel Range Organics	**ND**	1500	NWTPH-Dx	8-28-23	8-31-23	
Lube Oil	**8900**	3100	NWTPH-Dx	8-28-23	8-31-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	---	*50-150*				S
Client ID:	**NT-piping-SS-25-2.0-082123**					
Laboratory ID:	08-250-02					
Diesel Range Organics	**39**	30	NWTPH-Dx	8-28-23	8-31-23	N
Lube Oil	**360**	60	NWTPH-Dx	8-28-23	8-31-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*95*	*50-150*				
Client ID:	**NT-piping-SS-26-2.0-082123**					
Laboratory ID:	08-250-03					
Diesel Range Organics	**ND**	30	NWTPH-Dx	8-28-23	8-31-23	
Lube Oil	**120**	59	NWTPH-Dx	8-28-23	8-31-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*56*	*50-150*				
Client ID:	**NT-SS-29-6.5-082223**					
Laboratory ID:	08-250-04					
Diesel Range Organics	**ND**	29	NWTPH-Dx	8-28-23	8-30-23	
Lube Oil Range Organics	**ND**	57	NWTPH-Dx	8-28-23	8-30-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*96*	*50-150*				
Client ID:	**NT-SS-30-6.5-082223**					
Laboratory ID:	08-250-05					
Diesel Range Organics	**ND**	29	NWTPH-Dx	8-28-23	8-29-23	
Lube Oil Range Organics	**ND**	58	NWTPH-Dx	8-28-23	8-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*87*	*50-150*				
Client ID:	**NT-SS-31-6.5-082223**					
Laboratory ID:	08-250-06					
Diesel Range Organics	**ND**	1800	NWTPH-Dx	8-28-23	8-31-23	U1
Lube Oil	**32000**	2900	NWTPH-Dx	8-28-23	8-31-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	---	*50-150*				S

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 31, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250
Project: Jorgensen UST Site Assessment

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-SS-32-6.5-082223**					
Laboratory ID:	08-250-07					
Diesel Range Organics	**ND**	30	NWTPH-Dx	8-28-23	8-30-23	
Lube Oil Range Organics	**ND**	60	NWTPH-Dx	8-28-23	8-30-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*100*	*50-150*				
Client ID:	**NT-SS-33-6.5-082223**					
Laboratory ID:	08-250-08					
Diesel Range Organics	**ND**	31	NWTPH-Dx	8-28-23	8-30-23	
Lube Oil Range Organics	**ND**	61	NWTPH-Dx	8-28-23	8-30-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*100*	*50-150*				
Client ID:	**NT-SS-34-6.5-082223**					
Laboratory ID:	08-250-09					
Diesel Fuel #2	**8600**	150	NWTPH-Dx	8-28-23	8-31-23	
Lube Oil	**2200**	300	NWTPH-Dx	8-28-23	8-31-23	N1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*91*	*50-150*				
Client ID:	**NT-SS-35-6.5-082223**					
Laboratory ID:	08-250-10					
Diesel Range Organics	**ND**	240	NWTPH-Dx	8-28-23	8-31-23	U1
Lube Oil	**6600**	290	NWTPH-Dx	8-28-23	8-31-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*106*	*50-150*				
Client ID:	**NT-SS-Dup-1-082223**					
Laboratory ID:	08-250-11					
Diesel Range Organics	**ND**	730	NWTPH-Dx	8-28-23	8-31-23	
Lube Oil	**14000**	1500	NWTPH-Dx	8-28-23	8-31-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*---*	*50-150*				S
Client ID:	**ST-SS-8-8.5-082223**					
Laboratory ID:	08-250-12					
Diesel Fuel #2	**5300**	32	NWTPH-Dx	8-28-23	8-30-23	
Lube Oil Range Organics	**ND**	150	NWTPH-Dx	8-28-23	8-30-23	U1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*61*	*50-150*				

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Date of Report: August 31, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250
Project: Jorgensen UST Site Assessment

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**ST-SS-7-8.5-082223**					
Laboratory ID:	08-250-13					
Diesel Fuel #2	**3400**	31	NWTPH-Dx	8-28-23	8-30-23	
Lube Oil Range Organics	**ND**	160	NWTPH-Dx	8-28-23	8-30-23	U1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*138*	*50-150*				
Client ID:	**ST-SS-6-8.5-082223**					
Laboratory ID:	08-250-14					
Diesel Fuel #2	**57**	31	NWTPH-Dx	8-28-23	8-31-23	
Lube Oil Range Organics	**ND**	62	NWTPH-Dx	8-28-23	8-31-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*95*	*50-150*				
Client ID:	**ST-SS-1-8.5-082223**					
Laboratory ID:	08-250-15					
Diesel Range Organics	**ND**	33	NWTPH-Dx	8-28-23	8-30-23	
Lube Oil Range Organics	**ND**	67	NWTPH-Dx	8-28-23	8-30-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*84*	*50-150*				
Client ID:	**ST-SS-2-8.5-082223**					
Laboratory ID:	08-250-16					
Diesel Fuel #2	**64**	33	NWTPH-Dx	8-28-23	8-31-23	
Lube Oil	**85**	66	NWTPH-Dx	8-28-23	8-31-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*89*	*50-150*				
Client ID:	**ST-SS-Dup-2-082223**					
Laboratory ID:	08-250-17					
Diesel Fuel #2	**58**	33	NWTPH-Dx	8-28-23	8-30-23	
Lube Oil Range Organics	**ND**	67	NWTPH-Dx	8-28-23	8-30-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*94*	*50-150*				

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Date of Report: August 31, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250
Project: Jorgensen UST Site Assessment

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0828S3					
Diesel Range Organics	**ND**	25	NWTPH-Dx	8-28-23	8-29-23	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	8-28-23	8-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*107*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	08-250-01										
	ORIG	DUP									
Diesel Range	**ND**	**ND**	NA	NA		NA		NA	NA	40	
Lube Oil	**7240**	**7200**	NA	NA		NA		NA	1	40	
Surrogate:											
o-Terphenyl						---	---	*50-150*			S,S
Laboratory ID:	08-287-03										
	ORIG	DUP									
Diesel Range	**ND**	**ND**	NA	NA		NA		NA	NA	40	
Lube Oil	**127**	**115**	NA	NA		NA		NA	10	40	
Surrogate:											
o-Terphenyl						*99*	*103*	*50-150*			

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Date of Report: August 31, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250
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VOLATILE ORGANICS EPA 8260D
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-SS-35-6.5-082223**					
Laboratory ID:	08-250-10					
Dichlorodifluoromethane	ND	0.0015	EPA 8260D	8-24-23	8-24-23	
Chloromethane	ND	0.0060	EPA 8260D	8-24-23	8-24-23	
Vinyl Chloride	ND	0.00088	EPA 8260D	8-24-23	8-24-23	
Bromomethane	ND	0.0061	EPA 8260D	8-24-23	8-24-23	
Chloroethane	ND	0.0044	EPA 8260D	8-24-23	8-24-23	
Trichlorofluoromethane	ND	0.00088	EPA 8260D	8-24-23	8-24-23	
1,1-Dichloroethene	ND	0.00088	EPA 8260D	8-24-23	8-24-23	
Iodomethane	ND	0.0097	EPA 8260D	8-24-23	8-24-23	
Methylene Chloride	ND	0.0044	EPA 8260D	8-24-23	8-24-23	
(trans) 1,2-Dichloroethene	ND	0.00088	EPA 8260D	8-24-23	8-24-23	
Methyl t-Butyl Ether	ND	0.00088	EPA 8260D	8-24-23	8-24-23	
1,1-Dichloroethane	ND	0.00088	EPA 8260D	8-24-23	8-24-23	
2,2-Dichloropropane	ND	0.00088	EPA 8260D	8-24-23	8-24-23	
(cis) 1,2-Dichloroethene	ND	0.00088	EPA 8260D	8-24-23	8-24-23	
Bromochloromethane	ND	0.00088	EPA 8260D	8-24-23	8-24-23	
Chloroform	ND	0.00088	EPA 8260D	8-24-23	8-24-23	
1,1,1-Trichloroethane	ND	0.00088	EPA 8260D	8-24-23	8-24-23	
Carbon Tetrachloride	ND	0.00088	EPA 8260D	8-24-23	8-24-23	
1,1-Dichloropropene	ND	0.00088	EPA 8260D	8-24-23	8-24-23	
Benzene	ND	0.00088	EPA 8260D	8-24-23	8-24-23	
1,2-Dichloroethane	ND	0.00088	EPA 8260D	8-24-23	8-24-23	
Trichloroethene	ND	0.00088	EPA 8260D	8-24-23	8-24-23	
1,2-Dichloropropane	ND	0.00088	EPA 8260D	8-24-23	8-24-23	
Dibromomethane	ND	0.00088	EPA 8260D	8-24-23	8-24-23	
Bromodichloromethane	ND	0.00088	EPA 8260D	8-24-23	8-24-23	
2-Chloroethyl Vinyl Ether	ND	0.0044	EPA 8260D	8-24-23	8-24-23	
(cis) 1,3-Dichloropropene	ND	0.00088	EPA 8260D	8-24-23	8-24-23	
Toluene	ND	0.0044	EPA 8260D	8-24-23	8-24-23	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-SS-35-6.5-082223**					
Laboratory ID:	08-250-10					
(trans) 1,3-Dichloropropene	ND	0.00088	EPA 8260D	8-24-23	8-24-23	
1,1,2-Trichloroethane	ND	0.00088	EPA 8260D	8-24-23	8-24-23	
Tetrachloroethene	ND	0.00088	EPA 8260D	8-24-23	8-24-23	
1,3-Dichloropropane	ND	0.00088	EPA 8260D	8-24-23	8-24-23	
Dibromochloromethane	ND	0.00088	EPA 8260D	8-24-23	8-24-23	
1,2-Dibromoethane	ND	0.00088	EPA 8260D	8-24-23	8-24-23	
Chlorobenzene	ND	0.00088	EPA 8260D	8-24-23	8-24-23	
1,1,1,2-Tetrachloroethane	ND	0.00088	EPA 8260D	8-24-23	8-24-23	
Ethylbenzene	0.0021	0.00088	EPA 8260D	8-24-23	8-24-23	
m,p-Xylene	0.025	0.0018	EPA 8260D	8-24-23	8-24-23	
o-Xylene	0.032	0.00088	EPA 8260D	8-24-23	8-24-23	
Bromoform	ND	0.0044	EPA 8260D	8-24-23	8-24-23	
Bromobenzene	ND	0.053	EPA 8260D	8-23-23	8-23-23	
1,1,2,2-Tetrachloroethane	ND	0.053	EPA 8260D	8-23-23	8-23-23	
1,2,3-Trichloropropane	ND	0.053	EPA 8260D	8-23-23	8-23-23	
2-Chlorotoluene	ND	0.053	EPA 8260D	8-23-23	8-23-23	
4-Chlorotoluene	ND	0.053	EPA 8260D	8-23-23	8-23-23	
1,3-Dichlorobenzene	ND	0.053	EPA 8260D	8-23-23	8-23-23	
1,4-Dichlorobenzene	ND	0.053	EPA 8260D	8-23-23	8-23-23	
1,2-Dichlorobenzene	ND	0.053	EPA 8260D	8-23-23	8-23-23	
1,2-Dibromo-3-chloropropane	ND	0.27	EPA 8260D	8-23-23	8-23-23	
1,2,4-Trichlorobenzene	ND	0.053	EPA 8260D	8-23-23	8-23-23	
Hexachlorobutadiene	ND	0.27	EPA 8260D	8-23-23	8-23-23	
1,2,3-Trichlorobenzene	ND	0.053	EPA 8260D	8-23-23	8-23-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*99*	*75-130*				
Toluene-d8	*95*	*78-128*				
4-Bromofluorobenzene	*97*	*71-130*				

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Date of Report: August 31, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250
Project: Jorgensen UST Site Assessment

VOLATILE ORGANICS EPA 8260D
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-SS-Dup-1-082223**					
Laboratory ID:	08-250-11					
Dichlorodifluoromethane	ND	0.0016	EPA 8260D	8-24-23	8-24-23	
Chloromethane	ND	0.0065	EPA 8260D	8-24-23	8-24-23	
Vinyl Chloride	ND	0.00096	EPA 8260D	8-24-23	8-24-23	
Bromomethane	ND	0.0066	EPA 8260D	8-24-23	8-24-23	
Chloroethane	ND	0.0048	EPA 8260D	8-24-23	8-24-23	
Trichlorofluoromethane	ND	0.00096	EPA 8260D	8-24-23	8-24-23	
1,1-Dichloroethene	ND	0.00096	EPA 8260D	8-24-23	8-24-23	
Iodomethane	ND	0.011	EPA 8260D	8-24-23	8-24-23	
Methylene Chloride	ND	0.0048	EPA 8260D	8-24-23	8-24-23	
(trans) 1,2-Dichloroethene	ND	0.00096	EPA 8260D	8-24-23	8-24-23	
Methyl t-Butyl Ether	ND	0.00096	EPA 8260D	8-24-23	8-24-23	
1,1-Dichloroethane	ND	0.00096	EPA 8260D	8-24-23	8-24-23	
2,2-Dichloropropane	ND	0.00096	EPA 8260D	8-24-23	8-24-23	
(cis) 1,2-Dichloroethene	ND	0.00096	EPA 8260D	8-24-23	8-24-23	
Bromochloromethane	ND	0.00096	EPA 8260D	8-24-23	8-24-23	
Chloroform	ND	0.00096	EPA 8260D	8-24-23	8-24-23	
1,1,1-Trichloroethane	ND	0.00096	EPA 8260D	8-24-23	8-24-23	
Carbon Tetrachloride	ND	0.00096	EPA 8260D	8-24-23	8-24-23	
1,1-Dichloropropene	ND	0.00096	EPA 8260D	8-24-23	8-24-23	
Benzene	ND	0.00096	EPA 8260D	8-24-23	8-24-23	
1,2-Dichloroethane	ND	0.00096	EPA 8260D	8-24-23	8-24-23	
Trichloroethene	ND	0.00096	EPA 8260D	8-24-23	8-24-23	
1,2-Dichloropropane	ND	0.00096	EPA 8260D	8-24-23	8-24-23	
Dibromomethane	ND	0.00096	EPA 8260D	8-24-23	8-24-23	
Bromodichloromethane	ND	0.00096	EPA 8260D	8-24-23	8-24-23	
2-Chloroethyl Vinyl Ether	ND	0.0048	EPA 8260D	8-24-23	8-24-23	
(cis) 1,3-Dichloropropene	ND	0.00096	EPA 8260D	8-24-23	8-24-23	
Toluene	ND	0.0048	EPA 8260D	8-24-23	8-24-23	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-SS-Dup-1-082223**					
Laboratory ID:	08-250-11					
(trans) 1,3-Dichloropropene	ND	0.00096	EPA 8260D	8-24-23	8-24-23	
1,1,2-Trichloroethane	ND	0.00096	EPA 8260D	8-24-23	8-24-23	
Tetrachloroethene	ND	0.00096	EPA 8260D	8-24-23	8-24-23	
1,3-Dichloropropane	ND	0.00096	EPA 8260D	8-24-23	8-24-23	
Dibromochloromethane	ND	0.00096	EPA 8260D	8-24-23	8-24-23	
1,2-Dibromoethane	ND	0.00096	EPA 8260D	8-24-23	8-24-23	
Chlorobenzene	ND	0.00096	EPA 8260D	8-24-23	8-24-23	
1,1,1,2-Tetrachloroethane	ND	0.00096	EPA 8260D	8-24-23	8-24-23	
Ethylbenzene	0.0012	0.00096	EPA 8260D	8-24-23	8-24-23	
m,p-Xylene	0.013	0.0019	EPA 8260D	8-24-23	8-24-23	
o-Xylene	0.015	0.00096	EPA 8260D	8-24-23	8-24-23	
Bromoform	ND	0.0048	EPA 8260D	8-24-23	8-24-23	
Bromobenzene	ND	0.00096	EPA 8260D	8-24-23	8-24-23	
1,1,2,2-Tetrachloroethane	ND	0.00096	EPA 8260D	8-24-23	8-24-23	
1,2,3-Trichloropropane	ND	0.00096	EPA 8260D	8-24-23	8-24-23	
2-Chlorotoluene	ND	0.00096	EPA 8260D	8-24-23	8-24-23	
4-Chlorotoluene	ND	0.00096	EPA 8260D	8-24-23	8-24-23	
1,3-Dichlorobenzene	ND	0.00096	EPA 8260D	8-24-23	8-24-23	
1,4-Dichlorobenzene	ND	0.00096	EPA 8260D	8-24-23	8-24-23	
1,2-Dichlorobenzene	ND	0.00096	EPA 8260D	8-24-23	8-24-23	
1,2-Dibromo-3-chloropropane	ND	0.0048	EPA 8260D	8-24-23	8-24-23	
1,2,4-Trichlorobenzene	ND	0.00096	EPA 8260D	8-24-23	8-24-23	
Hexachlorobutadiene	ND	0.0048	EPA 8260D	8-24-23	8-24-23	
1,2,3-Trichlorobenzene	ND	0.00096	EPA 8260D	8-24-23	8-24-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*92*	*75-130*				
Toluene-d8	*100*	*78-128*				
4-Bromofluorobenzene	*103*	*71-130*				

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Project: Jorgensen UST Site Assessment

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0823S1					
Dichlorodifluoromethane	ND	0.0013	EPA 8260D	8-23-23	8-23-23	
Chloromethane	ND	0.0050	EPA 8260D	8-23-23	8-23-23	
Vinyl Chloride	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Bromomethane	ND	0.0050	EPA 8260D	8-23-23	8-23-23	
Chloroethane	ND	0.0050	EPA 8260D	8-23-23	8-23-23	
Trichlorofluoromethane	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
1,1-Dichloroethene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Iodomethane	ND	0.0076	EPA 8260D	8-23-23	8-23-23	
Methylene Chloride	ND	0.0050	EPA 8260D	8-23-23	8-23-23	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
1,1-Dichloroethane	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
2,2-Dichloropropane	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Bromochloromethane	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Chloroform	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Carbon Tetrachloride	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
1,1-Dichloropropene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Benzene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
1,2-Dichloroethane	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Trichloroethene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
1,2-Dichloropropane	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Dibromomethane	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Bromodichloromethane	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260D	8-23-23	8-23-23	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Toluene	ND	0.0050	EPA 8260D	8-23-23	8-23-23	

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QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0823S1					
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
1,1,2-Trichloroethane	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
1,3-Dichloropropane	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Dibromochloromethane	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
1,2-Dibromoethane	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Chlorobenzene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Ethylbenzene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
m,p-Xylene	ND	0.0020	EPA 8260D	8-23-23	8-23-23	
o-Xylene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Bromoform	ND	0.0050	EPA 8260D	8-23-23	8-23-23	
Bromobenzene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
2-Chlorotoluene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
4-Chlorotoluene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260D	8-23-23	8-23-23	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Hexachlorobutadiene	ND	0.0050	EPA 8260D	8-23-23	8-23-23	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*94*	*75-130*				
Toluene-d8	*101*	*78-128*				
4-Bromofluorobenzene	*96*	*71-130*				

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Date of Report: August 31, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250
Project: Jorgensen UST Site Assessment

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0824S1					
Dichlorodifluoromethane	ND	0.0017	EPA 8260D	8-24-23	8-24-23	
Chloromethane	ND	0.0068	EPA 8260D	8-24-23	8-24-23	
Vinyl Chloride	ND	0.0010	EPA 8260D	8-24-23	8-24-23	
Bromomethane	ND	0.0069	EPA 8260D	8-24-23	8-24-23	
Chloroethane	ND	0.0050	EPA 8260D	8-24-23	8-24-23	
Trichlorofluoromethane	ND	0.0010	EPA 8260D	8-24-23	8-24-23	
1,1-Dichloroethene	ND	0.0010	EPA 8260D	8-24-23	8-24-23	
Iodomethane	ND	0.011	EPA 8260D	8-24-23	8-24-23	
Methylene Chloride	ND	0.0050	EPA 8260D	8-24-23	8-24-23	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-24-23	8-24-23	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260D	8-24-23	8-24-23	
1,1-Dichloroethane	ND	0.0010	EPA 8260D	8-24-23	8-24-23	
2,2-Dichloropropane	ND	0.0010	EPA 8260D	8-24-23	8-24-23	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-24-23	8-24-23	
Bromochloromethane	ND	0.0010	EPA 8260D	8-24-23	8-24-23	
Chloroform	ND	0.0010	EPA 8260D	8-24-23	8-24-23	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260D	8-24-23	8-24-23	
Carbon Tetrachloride	ND	0.0010	EPA 8260D	8-24-23	8-24-23	
1,1-Dichloropropene	ND	0.0010	EPA 8260D	8-24-23	8-24-23	
Benzene	ND	0.0010	EPA 8260D	8-24-23	8-24-23	
1,2-Dichloroethane	ND	0.0010	EPA 8260D	8-24-23	8-24-23	
Trichloroethene	ND	0.0010	EPA 8260D	8-24-23	8-24-23	
1,2-Dichloropropane	ND	0.0010	EPA 8260D	8-24-23	8-24-23	
Dibromomethane	ND	0.0010	EPA 8260D	8-24-23	8-24-23	
Bromodichloromethane	ND	0.0010	EPA 8260D	8-24-23	8-24-23	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260D	8-24-23	8-24-23	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	8-24-23	8-24-23	
Toluene	ND	0.0050	EPA 8260D	8-24-23	8-24-23	

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Date of Report: August 31, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250
Project: Jorgensen UST Site Assessment

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0824S1					
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	8-24-23	8-24-23	
1,1,2-Trichloroethane	ND	0.0010	EPA 8260D	8-24-23	8-24-23	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-24-23	8-24-23	
1,3-Dichloropropane	ND	0.0010	EPA 8260D	8-24-23	8-24-23	
Dibromochloromethane	ND	0.0010	EPA 8260D	8-24-23	8-24-23	
1,2-Dibromoethane	ND	0.0010	EPA 8260D	8-24-23	8-24-23	
Chlorobenzene	ND	0.0010	EPA 8260D	8-24-23	8-24-23	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260D	8-24-23	8-24-23	
Ethylbenzene	ND	0.0010	EPA 8260D	8-24-23	8-24-23	
m,p-Xylene	ND	0.0020	EPA 8260D	8-24-23	8-24-23	
o-Xylene	ND	0.0010	EPA 8260D	8-24-23	8-24-23	
Bromoform	ND	0.0050	EPA 8260D	8-24-23	8-24-23	
Bromobenzene	ND	0.0010	EPA 8260D	8-24-23	8-24-23	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260D	8-24-23	8-24-23	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260D	8-24-23	8-24-23	
2-Chlorotoluene	ND	0.0010	EPA 8260D	8-24-23	8-24-23	
4-Chlorotoluene	ND	0.0010	EPA 8260D	8-24-23	8-24-23	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260D	8-24-23	8-24-23	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260D	8-24-23	8-24-23	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260D	8-24-23	8-24-23	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260D	8-24-23	8-24-23	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260D	8-24-23	8-24-23	
Hexachlorobutadiene	ND	0.0050	EPA 8260D	8-24-23	8-24-23	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260D	8-24-23	8-24-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*93*	*75-130*				
Toluene-d8	*100*	*78-128*				
4-Bromofluorobenzene	*98*	*71-130*				

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Date of Report: August 31, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250
Project: Jorgensen UST Site Assessment

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Matrix: Soil
Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0823S1									
	SB	SBD	SB	SBD	SB	SBD				
Dichlorodifluoromethane	**0.0375**	**0.0370**	0.0500	0.0500	75	74	30-160	1	26	
Chloromethane	**0.0410**	**0.0429**	0.0500	0.0500	82	86	59-131	5	26	
Vinyl Chloride	**0.0440**	**0.0473**	0.0500	0.0500	88	95	68-136	7	23	
Bromomethane	**0.0420**	**0.0476**	0.0500	0.0500	84	95	48-155	13	32	
Chloroethane	**0.0458**	**0.0506**	0.0500	0.0500	92	101	67-141	10	16	
Trichlorofluoromethane	**0.0513**	**0.0575**	0.0500	0.0500	103	115	76-127	11	19	
1,1-Dichloroethene	**0.0489**	**0.0544**	0.0500	0.0500	98	109	75-129	11	19	
Iodomethane	**0.0328**	**0.0389**	0.0500	0.0500	66	78	37-140	17	27	
Methylene Chloride	**0.0467**	**0.0525**	0.0500	0.0500	93	105	60-124	12	18	
(trans) 1,2-Dichloroethene	**0.0489**	**0.0538**	0.0500	0.0500	98	108	79-133	10	15	
Methyl t-Butyl Ether	**0.0498**	**0.0526**	0.0500	0.0500	100	105	73-125	5	17	
1,1-Dichloroethane	**0.0491**	**0.0541**	0.0500	0.0500	98	108	79-125	10	17	
2,2-Dichloropropane	**0.0532**	**0.0532**	0.0500	0.0500	106	106	79-126	0	18	
(cis) 1,2-Dichloroethene	**0.0523**	**0.0574**	0.0500	0.0500	105	115	75-131	9	15	
Bromochloromethane	**0.0496**	**0.0552**	0.0500	0.0500	99	110	80-126	11	15	
Chloroform	**0.0488**	**0.0525**	0.0500	0.0500	98	105	80-123	7	15	
1,1,1-Trichloroethane	**0.0466**	**0.0523**	0.0500	0.0500	93	105	78-124	12	21	
Carbon Tetrachloride	**0.0419**	**0.0473**	0.0500	0.0500	84	95	74-127	12	18	
1,1-Dichloropropene	**0.0445**	**0.0516**	0.0500	0.0500	89	103	80-123	15	15	
Benzene	**0.0476**	**0.0520**	0.0500	0.0500	95	104	80-122	9	18	
1,2-Dichloroethane	**0.0494**	**0.0542**	0.0500	0.0500	99	108	75-124	9	15	
Trichloroethene	**0.0514**	**0.0521**	0.0500	0.0500	103	104	80-129	1	18	
1,2-Dichloropropane	**0.0539**	**0.0540**	0.0500	0.0500	108	108	80-123	0	15	
Dibromomethane	**0.0499**	**0.0483**	0.0500	0.0500	100	97	80-123	3	15	
Bromodichloromethane	**0.0532**	**0.0533**	0.0500	0.0500	106	107	80-129	0	15	
(cis) 1,3-Dichloropropene	**0.0540**	**0.0541**	0.0500	0.0500	108	108	80-130	0	15	
Toluene	**0.0505**	**0.0497**	0.0500	0.0500	101	99	80-120	2	18	
(trans) 1,3-Dichloropropene	**0.0546**	**0.0554**	0.0500	0.0500	109	111	80-124	1	15	

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Date of Report: August 31, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250
Project: Jorgensen UST Site Assessment

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0823S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1,2-Trichloroethane	**0.0480**	**0.0480**	0.0500	0.0500	96	96	80-120	0	15	
Tetrachloroethene	**0.0540**	**0.0547**	0.0500	0.0500	108	109	77-126	1	15	
1,3-Dichloropropane	**0.0529**	**0.0528**	0.0500	0.0500	106	106	77-123	0	15	
Dibromochloromethane	**0.0548**	**0.0528**	0.0500	0.0500	110	106	80-128	4	16	
1,2-Dibromoethane	**0.0528**	**0.0514**	0.0500	0.0500	106	103	80-122	3	20	
Chlorobenzene	**0.0495**	**0.0509**	0.0500	0.0500	99	102	80-120	3	18	
1,1,1,2-Tetrachloroethane	**0.0504**	**0.0498**	0.0500	0.0500	101	100	80-120	1	15	
Ethylbenzene	**0.0510**	**0.0522**	0.0500	0.0500	102	104	80-120	2	15	
m,p-Xylene	**0.0990**	**0.102**	0.100	0.100	99	102	80-120	3	15	
o-Xylene	**0.0511**	**0.0525**	0.0500	0.0500	102	105	80-120	3	15	
Bromoform	**0.0538**	**0.0538**	0.0500	0.0500	108	108	78-126	0	15	
Bromobenzene	**0.0494**	**0.0476**	0.0500	0.0500	99	95	79-124	4	15	
1,1,2,2-Tetrachloroethane	**0.0521**	**0.0493**	0.0500	0.0500	104	99	75-122	6	17	
1,2,3-Trichloropropane	**0.0502**	**0.0473**	0.0500	0.0500	100	95	72-125	6	20	
2-Chlorotoluene	**0.0523**	**0.0508**	0.0500	0.0500	105	102	75-128	3	15	
4-Chlorotoluene	**0.0515**	**0.0507**	0.0500	0.0500	103	101	78-127	2	16	
1,3-Dichlorobenzene	**0.0519**	**0.0514**	0.0500	0.0500	104	103	78-123	1	17	
1,4-Dichlorobenzene	**0.0520**	**0.0510**	0.0500	0.0500	104	102	77-121	2	17	
1,2-Dichlorobenzene	**0.0518**	**0.0511**	0.0500	0.0500	104	102	80-120	1	15	
1,2-Dibromo-3-chloropropane	**0.0597**	**0.0523**	0.0500	0.0500	119	105	61-137	13	28	
1,2,4-Trichlorobenzene	**0.0582**	**0.0604**	0.0500	0.0500	116	121	77-127	4	17	
Hexachlorobutadiene	**0.0514**	**0.0512**	0.0500	0.0500	103	102	77-125	0	22	
1,2,3-Trichlorobenzene	**0.0527**	**0.0548**	0.0500	0.0500	105	110	77-124	4	19	
Surrogate:										
Dibromofluoromethane					*92*	*102*	*75-130*			
Toluene-d8					*100*	*99*	*78-128*			
4-Bromofluorobenzene					*107*	*107*	*71-130*			

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Date of Report: August 31, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250
Project: Jorgensen UST Site Assessment

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0824S1									
	SB	SBD	SB	SBD	SB	SBD				
Dichlorodifluoromethane	**0.0301**	**0.0288**	0.0500	0.0500	60	58	30-160	4	26	
Chloromethane	**0.0367**	**0.0373**	0.0500	0.0500	73	75	59-131	2	26	
Vinyl Chloride	**0.0401**	**0.0404**	0.0500	0.0500	80	81	68-136	1	23	
Bromomethane	**0.0360**	**0.0379**	0.0500	0.0500	72	76	48-155	5	32	
Chloroethane	**0.0444**	**0.0440**	0.0500	0.0500	89	88	67-141	1	16	
Trichlorofluoromethane	**0.0478**	**0.0486**	0.0500	0.0500	96	97	76-127	2	19	
1,1-Dichloroethene	**0.0479**	**0.0481**	0.0500	0.0500	96	96	75-129	0	19	
Iodomethane	**0.0229**	**0.0281**	0.0500	0.0500	46	56	37-140	20	27	
Methylene Chloride	**0.0515**	**0.0528**	0.0500	0.0500	103	106	60-124	2	18	
(trans) 1,2-Dichloroethene	**0.0476**	**0.0476**	0.0500	0.0500	95	95	79-133	0	15	
Methyl t-Butyl Ether	**0.0500**	**0.0493**	0.0500	0.0500	100	99	73-125	1	17	
1,1-Dichloroethane	**0.0482**	**0.0490**	0.0500	0.0500	96	98	79-125	2	17	
2,2-Dichloropropane	**0.0510**	**0.0533**	0.0500	0.0500	102	107	79-126	4	18	
(cis) 1,2-Dichloroethene	**0.0514**	**0.0466**	0.0500	0.0500	103	93	75-131	10	15	
Bromochloromethane	**0.0522**	**0.0501**	0.0500	0.0500	104	100	80-126	4	15	
Chloroform	**0.0472**	**0.0479**	0.0500	0.0500	94	96	80-123	1	15	
1,1,1-Trichloroethane	**0.0451**	**0.0449**	0.0500	0.0500	90	90	78-124	0	21	
Carbon Tetrachloride	**0.0404**	**0.0446**	0.0500	0.0500	81	89	74-127	10	18	
1,1-Dichloropropene	**0.0414**	**0.0440**	0.0500	0.0500	83	88	80-123	6	15	
Benzene	**0.0473**	**0.0468**	0.0500	0.0500	95	94	80-122	1	18	
1,2-Dichloroethane	**0.0507**	**0.0505**	0.0500	0.0500	101	101	75-124	0	15	
Trichloroethene	**0.0506**	**0.0511**	0.0500	0.0500	101	102	80-129	1	18	
1,2-Dichloropropane	**0.0526**	**0.0465**	0.0500	0.0500	105	93	80-123	12	15	
Dibromomethane	**0.0515**	**0.0379**	0.0500	0.0500	103	76	80-123	30	15	I,L
Bromodichloromethane	**0.0529**	**0.0524**	0.0500	0.0500	106	105	80-129	1	15	
(cis) 1,3-Dichloropropene	**0.0554**	**0.0534**	0.0500	0.0500	111	107	80-130	4	15	
Toluene	**0.0495**	**0.0496**	0.0500	0.0500	99	99	80-120	0	18	
(trans) 1,3-Dichloropropene	**0.0567**	**0.0556**	0.0500	0.0500	113	111	80-124	2	15	

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Date of Report: August 31, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250
Project: Jorgensen UST Site Assessment

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0824S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1,2-Trichloroethane	**0.0490**	**0.0489**	0.0500	0.0500	98	98	80-120	0	15	
Tetrachloroethene	**0.0509**	**0.0531**	0.0500	0.0500	102	106	77-126	4	15	
1,3-Dichloropropane	**0.0525**	**0.0518**	0.0500	0.0500	105	104	77-123	1	15	
Dibromochloromethane	**0.0522**	**0.0544**	0.0500	0.0500	104	109	80-128	4	16	
1,2-Dibromoethane	**0.0515**	**0.0503**	0.0500	0.0500	103	101	80-122	2	20	
Chlorobenzene	**0.0489**	**0.0502**	0.0500	0.0500	98	100	80-120	3	18	
1,1,1,2-Tetrachloroethane	**0.0501**	**0.0502**	0.0500	0.0500	100	100	80-120	0	15	
Ethylbenzene	**0.0496**	**0.0504**	0.0500	0.0500	99	101	80-120	2	15	
m,p-Xylene	**0.0973**	**0.0993**	0.100	0.100	97	99	80-120	2	15	
o-Xylene	**0.0504**	**0.0508**	0.0500	0.0500	101	102	80-120	1	15	
Bromoform	**0.0556**	**0.0546**	0.0500	0.0500	111	109	78-126	2	15	
Bromobenzene	**0.0488**	**0.0486**	0.0500	0.0500	98	97	79-124	0	15	
1,1,2,2-Tetrachloroethane	**0.0533**	**0.0516**	0.0500	0.0500	107	103	75-122	3	17	
1,2,3-Trichloropropane	**0.0517**	**0.0502**	0.0500	0.0500	103	100	72-125	3	20	
2-Chlorotoluene	**0.0507**	**0.0520**	0.0500	0.0500	101	104	75-128	3	15	
4-Chlorotoluene	**0.0510**	**0.0513**	0.0500	0.0500	102	103	78-127	1	16	
1,3-Dichlorobenzene	**0.0518**	**0.0528**	0.0500	0.0500	104	106	78-123	2	17	
1,4-Dichlorobenzene	**0.0514**	**0.0507**	0.0500	0.0500	103	101	77-121	1	17	
1,2-Dichlorobenzene	**0.0508**	**0.0509**	0.0500	0.0500	102	102	80-120	0	15	
1,2-Dibromo-3-chloropropane	**0.0589**	**0.0607**	0.0500	0.0500	118	121	61-137	3	28	
1,2,4-Trichlorobenzene	**0.0602**	**0.0599**	0.0500	0.0500	120	120	77-127	0	17	
Hexachlorobutadiene	**0.0527**	**0.0514**	0.0500	0.0500	105	103	77-125	2	22	
1,2,3-Trichlorobenzene	**0.0543**	**0.0562**	0.0500	0.0500	109	112	77-124	3	19	
Surrogate:										
Dibromofluoromethane					*94*	*93*	*75-130*			
Toluene-d8					*103*	*99*	*78-128*			
4-Bromofluorobenzene					*110*	*102*	*71-130*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 31, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250
Project: Jorgensen UST Site Assessment

VOLATILE ORGANICS EPA 8260D
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Trip Blank**					
Laboratory ID:	08-250-18					
Dichlorodifluoromethane	ND	0.29	EPA 8260D	8-23-23	8-23-23	
Chloromethane	ND	1.0	EPA 8260D	8-23-23	8-23-23	
Vinyl Chloride	ND	0.20	EPA 8260D	8-23-23	8-23-23	
Bromomethane	ND	1.0	EPA 8260D	8-23-23	8-23-23	
Chloroethane	ND	1.0	EPA 8260D	8-23-23	8-23-23	
Trichlorofluoromethane	ND	0.20	EPA 8260D	8-23-23	8-23-23	
1,1-Dichloroethene	ND	0.20	EPA 8260D	8-23-23	8-23-23	
Iodomethane	ND	7.0	EPA 8260D	8-23-23	8-23-23	
Methylene Chloride	ND	1.0	EPA 8260D	8-23-23	8-23-23	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-23-23	8-23-23	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	8-23-23	8-23-23	
1,1-Dichloroethane	ND	0.20	EPA 8260D	8-23-23	8-23-23	
2,2-Dichloropropane	ND	0.20	EPA 8260D	8-23-23	8-23-23	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-23-23	8-23-23	
Bromochloromethane	ND	0.20	EPA 8260D	8-23-23	8-23-23	
Chloroform	ND	0.20	EPA 8260D	8-23-23	8-23-23	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	8-23-23	8-23-23	
Carbon Tetrachloride	ND	0.20	EPA 8260D	8-23-23	8-23-23	
1,1-Dichloropropene	ND	0.20	EPA 8260D	8-23-23	8-23-23	
Benzene	ND	0.20	EPA 8260D	8-23-23	8-23-23	
1,2-Dichloroethane	ND	0.20	EPA 8260D	8-23-23	8-23-23	
Trichloroethene	ND	0.20	EPA 8260D	8-23-23	8-23-23	
1,2-Dichloropropane	ND	0.20	EPA 8260D	8-23-23	8-23-23	
Dibromomethane	ND	0.20	EPA 8260D	8-23-23	8-23-23	
Bromodichloromethane	ND	0.20	EPA 8260D	8-23-23	8-23-23	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	8-23-23	8-23-23	
Toluene	ND	1.0	EPA 8260D	8-23-23	8-23-23	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	8-23-23	8-23-23	

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Date of Report: August 31, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250
Project: Jorgensen UST Site Assessment

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Trip Blank**					
Laboratory ID:	08-250-18					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	8-23-23	8-23-23	
Tetrachloroethene	ND	0.20	EPA 8260D	8-23-23	8-23-23	
1,3-Dichloropropane	ND	0.20	EPA 8260D	8-23-23	8-23-23	
Dibromochloromethane	ND	0.20	EPA 8260D	8-23-23	8-23-23	
1,2-Dibromoethane	ND	0.20	EPA 8260D	8-23-23	8-23-23	
Chlorobenzene	ND	0.20	EPA 8260D	8-23-23	8-23-23	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	8-23-23	8-23-23	
Ethylbenzene	ND	0.20	EPA 8260D	8-23-23	8-23-23	
m,p-Xylene	ND	0.40	EPA 8260D	8-23-23	8-23-23	
o-Xylene	ND	0.20	EPA 8260D	8-23-23	8-23-23	
Bromoform	ND	1.0	EPA 8260D	8-23-23	8-23-23	
Bromobenzene	ND	0.20	EPA 8260D	8-23-23	8-23-23	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	8-23-23	8-23-23	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	8-23-23	8-23-23	
2-Chlorotoluene	ND	0.20	EPA 8260D	8-23-23	8-23-23	
4-Chlorotoluene	ND	0.20	EPA 8260D	8-23-23	8-23-23	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	8-23-23	8-23-23	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	8-23-23	8-23-23	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	8-23-23	8-23-23	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	8-23-23	8-23-23	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	8-23-23	8-23-23	
Hexachlorobutadiene	ND	1.0	EPA 8260D	8-23-23	8-23-23	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	8-23-23	8-23-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*92*	*75-127*				
Toluene-d8	*95*	*80-127*				
4-Bromofluorobenzene	*100*	*78-125*				

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Date of Report: August 31, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250
Project: Jorgensen UST Site Assessment

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0823W1					
Dichlorodifluoromethane	ND	0.29	EPA 8260D	8-23-23	8-23-23	
Chloromethane	ND	1.0	EPA 8260D	8-23-23	8-23-23	
Vinyl Chloride	ND	0.20	EPA 8260D	8-23-23	8-23-23	
Bromomethane	ND	1.0	EPA 8260D	8-23-23	8-23-23	
Chloroethane	ND	1.0	EPA 8260D	8-23-23	8-23-23	
Trichlorofluoromethane	ND	0.20	EPA 8260D	8-23-23	8-23-23	
1,1-Dichloroethene	ND	0.20	EPA 8260D	8-23-23	8-23-23	
Iodomethane	ND	7.0	EPA 8260D	8-23-23	8-23-23	
Methylene Chloride	ND	1.0	EPA 8260D	8-23-23	8-23-23	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-23-23	8-23-23	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	8-23-23	8-23-23	
1,1-Dichloroethane	ND	0.20	EPA 8260D	8-23-23	8-23-23	
2,2-Dichloropropane	ND	0.20	EPA 8260D	8-23-23	8-23-23	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-23-23	8-23-23	
Bromochloromethane	ND	0.20	EPA 8260D	8-23-23	8-23-23	
Chloroform	ND	0.20	EPA 8260D	8-23-23	8-23-23	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	8-23-23	8-23-23	
Carbon Tetrachloride	ND	0.20	EPA 8260D	8-23-23	8-23-23	
1,1-Dichloropropene	ND	0.20	EPA 8260D	8-23-23	8-23-23	
Benzene	ND	0.20	EPA 8260D	8-23-23	8-23-23	
1,2-Dichloroethane	ND	0.20	EPA 8260D	8-23-23	8-23-23	
Trichloroethene	ND	0.20	EPA 8260D	8-23-23	8-23-23	
1,2-Dichloropropane	ND	0.20	EPA 8260D	8-23-23	8-23-23	
Dibromomethane	ND	0.20	EPA 8260D	8-23-23	8-23-23	
Bromodichloromethane	ND	0.20	EPA 8260D	8-23-23	8-23-23	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	8-23-23	8-23-23	
Toluene	ND	1.0	EPA 8260D	8-23-23	8-23-23	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	8-23-23	8-23-23	

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Date of Report: August 31, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250
Project: Jorgensen UST Site Assessment

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0823W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	8-23-23	8-23-23	
Tetrachloroethene	ND	0.20	EPA 8260D	8-23-23	8-23-23	
1,3-Dichloropropane	ND	0.20	EPA 8260D	8-23-23	8-23-23	
Dibromochloromethane	ND	0.20	EPA 8260D	8-23-23	8-23-23	
1,2-Dibromoethane	ND	0.20	EPA 8260D	8-23-23	8-23-23	
Chlorobenzene	ND	0.20	EPA 8260D	8-23-23	8-23-23	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	8-23-23	8-23-23	
Ethylbenzene	ND	0.20	EPA 8260D	8-23-23	8-23-23	
m,p-Xylene	ND	0.40	EPA 8260D	8-23-23	8-23-23	
o-Xylene	ND	0.20	EPA 8260D	8-23-23	8-23-23	
Bromoform	ND	1.0	EPA 8260D	8-23-23	8-23-23	
Bromobenzene	ND	0.20	EPA 8260D	8-23-23	8-23-23	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	8-23-23	8-23-23	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	8-23-23	8-23-23	
2-Chlorotoluene	ND	0.20	EPA 8260D	8-23-23	8-23-23	
4-Chlorotoluene	ND	0.20	EPA 8260D	8-23-23	8-23-23	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	8-23-23	8-23-23	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	8-23-23	8-23-23	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	8-23-23	8-23-23	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	8-23-23	8-23-23	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	8-23-23	8-23-23	
Hexachlorobutadiene	ND	1.0	EPA 8260D	8-23-23	8-23-23	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	8-23-23	8-23-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*92*	*75-127*				
Toluene-d8	*96*	*80-127*				
4-Bromofluorobenzene	*97*	*78-125*				

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Date of Report: August 31, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250
Project: Jorgensen UST Site Assessment

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0823W1									
	SB	SBD	SB	SBD	SB	SBD				
Dichlorodifluoromethane	**6.83**	**6.26**	10.0	10.0	68	63	34-166	9	21	
Chloromethane	**10.2**	**10.2**	10.0	10.0	102	102	63-138	0	18	
Vinyl Chloride	**11.3**	**11.3**	10.0	10.0	113	113	71-135	0	20	
Bromomethane	**10.4**	**12.8**	10.0	10.0	104	128	20-151	21	36	
Chloroethane	**10.6**	**10.5**	10.0	10.0	106	105	76-125	1	20	
Trichlorofluoromethane	**9.70**	**10.2**	10.0	10.0	97	102	75-131	5	19	
1,1-Dichloroethene	**10.0**	**10.2**	10.0	10.0	100	102	78-125	2	19	
Iodomethane	**7.13**	**8.45**	10.0	10.0	71	85	10-155	17	40	
Methylene Chloride	**9.50**	**9.95**	10.0	10.0	95	100	80-120	5	15	
(trans) 1,2-Dichloroethene	**10.2**	**10.7**	10.0	10.0	102	107	80-125	5	17	
Methyl t-Butyl Ether	**10.2**	**10.5**	10.0	10.0	102	105	80-122	3	15	
1,1-Dichloroethane	**10.1**	**10.4**	10.0	10.0	101	104	80-125	3	17	
2,2-Dichloropropane	**12.4**	**13.1**	10.0	10.0	124	131	80-146	5	21	
(cis) 1,2-Dichloroethene	**10.7**	**11.1**	10.0	10.0	107	111	80-129	4	17	
Bromochloromethane	**10.4**	**10.8**	10.0	10.0	104	108	80-125	4	18	
Chloroform	**10.2**	**10.4**	10.0	10.0	102	104	80-123	2	16	
1,1,1-Trichloroethane	**10.3**	**10.5**	10.0	10.0	103	105	80-123	2	18	
Carbon Tetrachloride	**10.4**	**10.5**	10.0	10.0	104	105	80-126	1	17	
1,1-Dichloropropene	**10.4**	**10.5**	10.0	10.0	104	105	80-126	1	18	
Benzene	**10.4**	**10.6**	10.0	10.0	104	106	80-121	2	16	
1,2-Dichloroethane	**10.4**	**10.6**	10.0	10.0	104	106	80-124	2	15	
Trichloroethene	**10.1**	**10.2**	10.0	10.0	101	102	80-122	1	18	
1,2-Dichloropropane	**10.4**	**10.5**	10.0	10.0	104	105	80-123	1	15	
Dibromomethane	**10.5**	**10.5**	10.0	10.0	105	105	80-123	0	15	
Bromodichloromethane	**11.4**	**11.5**	10.0	10.0	114	115	80-125	1	15	
(cis) 1,3-Dichloropropene	**12.0**	**12.4**	10.0	10.0	120	124	80-129	3	15	
Toluene	**9.53**	**9.60**	10.0	10.0	95	96	80-120	1	18	
(trans) 1,3-Dichloropropene	**11.6**	**11.6**	10.0	10.0	116	116	80-134	0	17	

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Date of Report: August 31, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250
Project: Jorgensen UST Site Assessment

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0823W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1,2-Trichloroethane	**11.0**	**11.2**	10.0	10.0	110	112	77-126	2	20	
Tetrachloroethene	**10.1**	**10.7**	10.0	10.0	101	107	80-124	6	18	
1,3-Dichloropropane	**11.1**	**11.2**	10.0	10.0	111	112	80-120	1	15	
Dibromochloromethane	**10.3**	**10.4**	10.0	10.0	103	104	80-128	1	15	
1,2-Dibromoethane	**11.3**	**11.7**	10.0	10.0	113	117	80-127	3	15	
Chlorobenzene	**11.1**	**11.1**	10.0	10.0	111	111	80-120	0	17	
1,1,1,2-Tetrachloroethane	**11.7**	**11.9**	10.0	10.0	117	119	80-125	2	17	
Ethylbenzene	**11.2**	**11.2**	10.0	10.0	112	112	80-125	0	18	
m,p-Xylene	**22.2**	**22.3**	20.0	20.0	111	112	80-127	0	18	
o-Xylene	**11.0**	**10.9**	10.0	10.0	110	109	80-126	1	18	
Bromoform	**12.3**	**12.5**	10.0	10.0	123	125	80-130	2	15	
Bromobenzene	**11.4**	**11.6**	10.0	10.0	114	116	76-128	2	16	
1,1,2,2-Tetrachloroethane	**12.6**	**13.1**	10.0	10.0	126	131	74-130	4	15	I
1,2,3-Trichloropropane	**11.7**	**10.1**	10.0	10.0	117	101	71-129	15	25	
2-Chlorotoluene	**11.6**	**12.2**	10.0	10.0	116	122	80-128	5	18	
4-Chlorotoluene	**12.3**	**12.5**	10.0	10.0	123	125	80-130	2	19	
1,3-Dichlorobenzene	**11.6**	**11.7**	10.0	10.0	116	117	80-126	1	17	
1,4-Dichlorobenzene	**11.5**	**11.7**	10.0	10.0	115	117	80-121	2	17	
1,2-Dichlorobenzene	**10.8**	**11.4**	10.0	10.0	108	114	79-125	5	15	
1,2-Dibromo-3-chloropropane	**10.5**	**11.2**	10.0	10.0	105	112	73-133	6	15	
1,2,4-Trichlorobenzene	**12.0**	**13.0**	10.0	10.0	120	130	80-139	8	18	
Hexachlorobutadiene	**12.2**	**12.7**	10.0	10.0	122	127	80-151	4	18	
1,2,3-Trichlorobenzene	**11.6**	**12.3**	10.0	10.0	116	123	75-146	6	28	
Surrogate:										
Dibromofluoromethane					*98*	*96*	*75-127*			
Toluene-d8					*99*	*98*	*80-127*			
4-Bromofluorobenzene					*106*	*104*	*78-125*			

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Date of Report: August 31, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250
Project: Jorgensen UST Site Assessment

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-SS-35-6.5-082223**					
Laboratory ID:	08-250-10					
Naphthalene	**0.055**	0.0078	EPA 8270E/SIM	8-24-23	8-25-23	
Benzo[a]anthracene	**ND**	0.0078	EPA 8270E/SIM	8-24-23	8-25-23	
Chrysene	**0.0098**	0.0078	EPA 8270E/SIM	8-24-23	8-25-23	
Benzo[b]fluoranthene	**ND**	0.0097	EPA 8270E/SIM	8-24-23	8-25-23	U1
Benzo(j,k)fluoranthene	**ND**	0.0078	EPA 8270E/SIM	8-24-23	8-25-23	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	8-24-23	8-25-23	U1
Indeno(1,2,3-c,d)pyrene	**ND**	0.0088	EPA 8270E/SIM	8-24-23	8-25-23	U1
Dibenz[a,h]anthracene	**ND**	0.0078	EPA 8270E/SIM	8-24-23	8-25-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*86*	*39-111*				
Pyrene-d10	*74*	*47-114*				
Terphenyl-d14	*84*	*44-121*				
Client ID:	**NT-SS-Dup-1-082223**					
Laboratory ID:	08-250-11					
Naphthalene	**0.058**	0.0078	EPA 8270E/SIM	8-24-23	8-25-23	
Benzo[a]anthracene	**0.036**	0.0078	EPA 8270E/SIM	8-24-23	8-25-23	
Chrysene	**0.052**	0.0078	EPA 8270E/SIM	8-24-23	8-25-23	
Benzo[b]fluoranthene	**ND**	0.093	EPA 8270E/SIM	8-24-23	8-25-23	U1
Benzo(j,k)fluoranthene	**ND**	0.015	EPA 8270E/SIM	8-24-23	8-25-23	U1
Benzo[a]pyrene	**ND**	0.10	EPA 8270E/SIM	8-24-23	8-25-23	U1
Indeno(1,2,3-c,d)pyrene	**ND**	0.026	EPA 8270E/SIM	8-24-23	8-25-23	U1
Dibenz[a,h]anthracene	**ND**	0.015	EPA 8270E/SIM	8-24-23	8-25-23	U1
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*71*	*39-111*				
Pyrene-d10	*67*	*47-114*				
Terphenyl-d14	*76*	*44-121*				

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 31, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250
Project: Jorgensen UST Site Assessment

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0824S2					
Naphthalene	**ND**	0.0067	EPA 8270E/SIM	8-24-23	8-24-23	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270E/SIM	8-24-23	8-24-23	
Chrysene	**ND**	0.0067	EPA 8270E/SIM	8-24-23	8-24-23	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270E/SIM	8-24-23	8-24-23	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270E/SIM	8-24-23	8-24-23	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270E/SIM	8-24-23	8-24-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0067	EPA 8270E/SIM	8-24-23	8-24-23	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270E/SIM	8-24-23	8-24-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*86*	*39-111*				
Pyrene-d10	*85*	*47-114*				
Terphenyl-d14	*91*	*44-121*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 31, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250
Project: Jorgensen UST Site Assessment

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0824S2									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.0794**	**0.0701**	0.0833	0.0833	95	84	57-116	12	16	
Acenaphthylene	**0.0798**	**0.0766**	0.0833	0.0833	96	92	59-124	4	15	
Acenaphthene	**0.0748**	**0.0706**	0.0833	0.0833	90	85	59-124	6	15	
Fluorene	**0.0770**	**0.0713**	0.0833	0.0833	92	86	62-122	8	15	
Phenanthrene	**0.0747**	**0.0702**	0.0833	0.0833	90	84	62-119	6	15	
Anthracene	**0.0761**	**0.0739**	0.0833	0.0833	91	89	64-123	3	15	
Fluoranthene	**0.0743**	**0.0735**	0.0833	0.0833	89	88	63-123	1	15	
Pyrene	**0.0715**	**0.0708**	0.0833	0.0833	86	85	62-124	1	15	
Benzo[a]anthracene	**0.0756**	**0.0765**	0.0833	0.0833	91	92	59-131	1	15	
Chrysene	**0.0716**	**0.0689**	0.0833	0.0833	86	83	61-124	4	15	
Benzo[b]fluoranthene	**0.0776**	**0.0767**	0.0833	0.0833	93	92	60-126	1	15	
Benzo(j,k)fluoranthene	**0.0726**	**0.0697**	0.0833	0.0833	87	84	63-121	4	17	
Benzo[a]pyrene	**0.0781**	**0.0760**	0.0833	0.0833	94	91	60-122	3	15	
Indeno(1,2,3-c,d)pyrene	**0.0897**	**0.0883**	0.0833	0.0833	108	106	58-127	2	15	
Dibenz[a,h]anthracene	**0.0894**	**0.0865**	0.0833	0.0833	107	104	60-124	3	15	
Benzo[g,h,i]perylene	**0.0821**	**0.0789**	0.0833	0.0833	99	95	58-124	4	15	
Surrogate:										
2-Fluorobiphenyl					*88*	*96*	*39-111*			
Pyrene-d10					*81*	*85*	*47-114*			
Terphenyl-d14					*89*	*92*	*44-121*			

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Date of Report: August 31, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250
Project: Jorgensen UST Site Assessment

PCBs EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-SS-35-6.5-082223**					
Laboratory ID:	08-250-10					
Aroclor 1016	**ND**	0.059	EPA 8082A	8-23-23	8-23-23	
Aroclor 1221	**ND**	0.059	EPA 8082A	8-23-23	8-23-23	
Aroclor 1232	**ND**	0.059	EPA 8082A	8-23-23	8-23-23	
Aroclor 1242	**ND**	0.059	EPA 8082A	8-23-23	8-23-23	
Aroclor 1248	**ND**	0.059	EPA 8082A	8-23-23	8-23-23	
Aroclor 1254	**ND**	0.059	EPA 8082A	8-23-23	8-23-23	
Aroclor 1260	**ND**	0.059	EPA 8082A	8-23-23	8-23-23	
Aroclor 1262	**ND**	0.059	EPA 8082A	8-23-23	8-23-23	
Aroclor 1268	**ND**	0.059	EPA 8082A	8-23-23	8-23-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*67*	*50-127*				
Client ID:	**NT-SS-Dup-1-082223**					
Laboratory ID:	08-250-11					
Aroclor 1016	**ND**	0.059	EPA 8082A	8-23-23	8-23-23	
Aroclor 1221	**ND**	0.059	EPA 8082A	8-23-23	8-23-23	
Aroclor 1232	**ND**	0.059	EPA 8082A	8-23-23	8-23-23	
Aroclor 1242	**ND**	0.059	EPA 8082A	8-23-23	8-23-23	
Aroclor 1248	**ND**	0.059	EPA 8082A	8-23-23	8-23-23	
Aroclor 1254	**ND**	0.059	EPA 8082A	8-23-23	8-23-23	
Aroclor 1260	**ND**	0.059	EPA 8082A	8-23-23	8-23-23	
Aroclor 1262	**ND**	0.059	EPA 8082A	8-23-23	8-23-23	
Aroclor 1268	**ND**	0.059	EPA 8082A	8-23-23	8-23-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*68*	*50-127*				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: August 31, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250
Project: Jorgensen UST Site Assessment

PCBs EPA 8082A
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0823S1					
Aroclor 1016	**ND**	0.050	EPA 8082A	8-23-23	8-23-23	
Aroclor 1221	**ND**	0.050	EPA 8082A	8-23-23	8-23-23	
Aroclor 1232	**ND**	0.050	EPA 8082A	8-23-23	8-23-23	
Aroclor 1242	**ND**	0.050	EPA 8082A	8-23-23	8-23-23	
Aroclor 1248	**ND**	0.050	EPA 8082A	8-23-23	8-23-23	
Aroclor 1254	**ND**	0.050	EPA 8082A	8-23-23	8-23-23	
Aroclor 1260	**ND**	0.050	EPA 8082A	8-23-23	8-23-23	
Aroclor 1262	**ND**	0.050	EPA 8082A	8-23-23	8-23-23	
Aroclor 1268	**ND**	0.050	EPA 8082A	8-23-23	8-23-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*92*	*50-127*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	08-250-10										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	**0.358**	**0.337**	0.500	0.500	ND	**72**	**67**	41-121	6	28	
Surrogate:											
DCB						*76*	*74*	*50-127*			

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Date of Report: August 31, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250
Project: Jorgensen UST Site Assessment

TOTAL METALS
EPA 6010D/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-SS-35-6.5-082223**					
Laboratory ID:	08-250-10					
Arsenic	**ND**	12	EPA 6010D	8-24-23	8-24-23	
Barium	**27**	2.9	EPA 6010D	8-24-23	8-24-23	
Cadmium	**ND**	0.59	EPA 6010D	8-24-23	8-24-23	
Chromium	**8.7**	0.59	EPA 6010D	8-24-23	8-24-23	
Copper	**12**	1.2	EPA 6010D	8-24-23	8-24-23	
Lead	**ND**	5.9	EPA 6010D	8-24-23	8-24-23	
Mercury	**ND**	0.29	EPA 7471B	8-23-23	8-23-23	
Nickel	**8.4**	2.9	EPA 6010D	8-24-23	8-24-23	
Selenium	**ND**	12	EPA 6010D	8-24-23	8-24-23	
Silver	**ND**	1.2	EPA 6010D	8-24-23	8-24-23	
Zinc	**25**	2.9	EPA 6010D	8-24-23	8-24-23	
Client ID:	**NT-SS-Dup-1-082223**					
Laboratory ID:	08-250-11					
Arsenic	**ND**	12	EPA 6010D	8-24-23	8-24-23	
Barium	**24**	2.9	EPA 6010D	8-24-23	8-24-23	
Cadmium	**ND**	0.59	EPA 6010D	8-24-23	8-24-23	
Chromium	**7.8**	0.59	EPA 6010D	8-24-23	8-24-23	
Copper	**11**	1.2	EPA 6010D	8-24-23	8-24-23	
Lead	**ND**	5.9	EPA 6010D	8-24-23	8-24-23	
Mercury	**ND**	0.29	EPA 7471B	8-23-23	8-23-23	
Nickel	**7.7**	2.9	EPA 6010D	8-24-23	8-24-23	
Selenium	**ND**	12	EPA 6010D	8-24-23	8-24-23	
Silver	**ND**	1.2	EPA 6010D	8-24-23	8-24-23	
Zinc	**22**	2.9	EPA 6010D	8-24-23	8-24-23	

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Date of Report: August 31, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250
Project: Jorgensen UST Site Assessment

TOTAL METALS
EPA 6010D/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0824SM3					
Arsenic	**ND**	10	EPA 6010D	8-24-23	8-24-23	
Barium	**ND**	2.5	EPA 6010D	8-24-23	8-24-23	
Cadmium	**ND**	0.50	EPA 6010D	8-24-23	8-24-23	
Chromium	**ND**	0.50	EPA 6010D	8-24-23	8-24-23	
Copper	**ND**	1.0	EPA 6010D	8-24-23	8-24-23	
Lead	**ND**	5.0	EPA 6010D	8-24-23	8-24-23	
Nickel	**ND**	2.5	EPA 6010D	8-24-23	8-24-23	
Selenium	**ND**	10	EPA 6010D	8-24-23	8-24-23	
Silver	**ND**	1.0	EPA 6010D	8-24-23	8-24-23	
Zinc	**ND**	2.5	EPA 6010D	8-24-23	8-24-23	
Laboratory ID:	MB0823S1					
Mercury	**ND**	0.25	EPA 7471B	8-23-23	8-23-23	

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Date of Report: August 31, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250
Project: Jorgensen UST Site Assessment

TOTAL METALS
EPA 6010D/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	08-266-01										
	ORIG	DUP									
Arsenic	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Barium	**44.2**	**42.8**	NA	NA		NA		NA	3	20	
Cadmium	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Chromium	**20.3**	**17.5**	NA	NA		NA		NA	15	20	
Copper	**20.6**	**19.0**	NA	NA		NA		NA	8	20	
Lead	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Nickel	**25.4**	**24.0**	NA	NA		NA		NA	6	20	
Selenium	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Silver	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Zinc	**28.7**	**27.5**	NA	NA		NA		NA	4	20	
Laboratory ID:	08-218-01										
Mercury	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	08-266-01										
	MS	MSD	MS	MSD		MS	MSD				
Arsenic	**99.9**	**99.3**	100	100	ND	**100**	**99**	75-125	1	20	
Barium	**147**	**148**	100	100	44.2	**103**	**104**	75-125	1	20	
Cadmium	**47.2**	**46.9**	50.0	50.0	ND	**94**	**94**	75-125	1	20	
Chromium	**119**	**120**	100	100	20.3	**98**	**99**	75-125	1	20	
Copper	**69.5**	**69.5**	50.0	50.0	20.6	**98**	**98**	75-125	0	20	
Lead	**249**	**248**	250	250	ND	**100**	**99**	75-125	0	20	
Nickel	**120**	**121**	100	100	25.4	**95**	**95**	75-125	0	20	
Selenium	**95.9**	**96.3**	100	100	ND	**96**	**96**	75-125	0	20	
Silver	**23.5**	**22.9**	25.0	25.0	ND	**94**	**91**	75-125	3	20	
Zinc	**129**	**130**	100	100	28.7	**100**	**101**	75-125	1	20	
Laboratory ID:	08-218-01										
Mercury	**0.507**	**0.509**	0.500	0.500	0.0124	**99**	**99**	80-120	0	20	

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Date of Report: August 31, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250
Project: Jorgensen UST Site Assessment

% MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
NT-piping-SS-24-2.0-082123	08-250-01	**18**	8-28-23
NT-piping-SS-25-2.0-082123	08-250-02	**17**	8-28-23
NT-piping-SS-26-2.0-082123	08-250-03	**16**	8-28-23
NT-SS-29-6.5-082223	08-250-04	**13**	8-28-23
NT-SS-30-6.5-082223	08-250-05	**13**	8-28-23
NT-SS-31-6.5-082223	08-250-06	**13**	8-28-23
NT-SS-32-6.5-082223	08-250-07	**17**	8-28-23
NT-SS-33-6.5-082223	08-250-08	**18**	8-28-23
NT-SS-34-6.5-082223	08-250-09	**16**	8-28-23
NT-SS-35-6.5-082223	08-250-10	**15**	8-23-23
NT-SS-Dup-1-082223	08-250-11	**15**	8-23-23
ST-SS-8-8.5-082223	08-250-12	**21**	8-28-23
ST-SS-7-8.5-082223	08-250-13	**20**	8-28-23
ST-SS-6-8.5-082223	08-250-14	**19**	8-28-23
ST-SS-1-8.5-082223	08-250-15	**25**	8-28-23
ST-SS-2-8.5-082223	08-250-16	**24**	8-28-23
ST-SS-Dup-2-082223	08-250-17	**25**	8-28-23

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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Chain of Custody

OnSite Environmental Inc.
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • Fax: (425) 885-4603

Turnaround Request (in working days)

(Check One)

- ☐ Same Day ☐ 1 Day
- ☐ 2 Day ☐ 3 Day
- ☒ Standard 5-day (Hydrocarbon analyses: 5 days, All other analyses: 7 days)
- ☐ _____ (other)

Company: DH Environmental

Project No.:

Project Name: Jorgensen UST Site Assessment

Project Manager: N. Moxley

Project Manager:

Laboratory No. 08-250

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by ~~8260B~~ 8260D EDB/EDC/MTBE/BTEX	Halogenated Volatiles by ~~8260B~~ 8260D	Semivolatiles by 8270C	PAHs by ~~8270C~~ cPAHs/naphthalene 8270E/SIM	PCB's by 8082	Pesticides by 8081	Herbicides by 8151A	Total RCRA Metals (8) + Cu, Ni, Zn	Priority Pollutant Metals (13)	TCLP Metals	VPH	EPH					% Moisture
1	NT-piping-SS-24-2.0-082123	8/21/23	1110	Soil	5		X	X																X
2	NT-piping-SS-25-2.0-082123	↓	1115	↓	↓		↓	↓																↓
3	NT-piping-SS-26-2.0-082123		1120																					
4	NT-SS-29-6.5-082223	8/22/23	1200																					
5	NT-SS-30-6.5-082223		1150																					
6	NT-SS-31-6.5-082223		1140																					
7	NT-SS-32-6.5-082223		1130																					
8	NT-SS-33-6.5-082223		1120																					
9	NT-SS-34-6.5-082223		1110																					
10	NT-SS-35-6.5-082223		1100						X	X		X	X			X								
11	NT-SS-Dup-1-082223		0900						X	X		X	X			X								
12	ST-SS-8-8.5-082223	↓	1230	↓	↓		↓	↓																↓

RELINQUISHED BY	DATE	RECEIVED BY	DATE
DHE	8/22/23	Nichelle Biffle	8/22/23
FIRM	TIME	FIRM	TIME
DHE	1635	OSE	1635
RELINQUISHED BY	DATE	RECEIVED BY	DATE
FIRM	TIME	FIRM	TIME
REVIEWED BY		DATE REVIEWED	

COMMENTS:
~~Std~~ Nm
- Please report lowest possible reporting limits
- Samples may have high petroleum concentrations

Chromatographs with final report ☐

DISTRIBUTION LEGEND: White - OnSite Copy Yellow - Report Copy Pink - Client Copy

Chain of Custody

OnSite Environmental Inc.
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • Fax: (425) 885-4603

Turnaround Request (in working days)

(Check One)

☐ Same Day ☐ 1 Day

☐ 2 Day ☐ 3 Day

☒ Standard 5-day
(Hydrocarbon analyses: 5 days, All other analyses: 7 days)

☐ _____ (other)

Project Manager:

Laboratory No. 08-250

Company: DH Environmental

Project No.:

Project Name: Jorgensen UST Site Assessment

Project Manager: N. Moxley

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/~~BTEX~~	NWTPH-Dx	Volatiles by ~~8200~~ 8260 EDB/EDC/MTBE/BTEX	Halogenated Volatiles by ~~8260~~ 8260	Semivolatiles by 8270C	PAHs by 8270C	PCB's by 8082	Pesticides by 8081	Herbicides by 8151A	Total RCRA Metals (8)	Priority Pollutant Metals (13)	TCLP Metals	VPH	EPH					% Moisture
13	ST-SS-7-8.5-082223	8/22/23	1240	Soil	5		X	X																X
14	ST-SS-6-8.5-082223		1250																					
15	ST-SS-1-8.5-082223		1310																					
16	ST-SS-2-8.5-082223		1320																					
17	ST-SS-Dup-2-082223		0930																					
18	Trip Blank	8/22/23	1500	Water	3		X		X	X														

RELINQUISHED BY	DATE	RECEIVED BY	DATE
FIRM: DHE	TIME: 1635	FIRM: OSE	TIME: 1635
RELINQUISHED BY	DATE	RECEIVED BY	DATE
FIRM	TIME	FIRM	TIME
REVIEWED BY		DATE REVIEWED	

COMMENTS:

Chromatographs with final report ☐

DISTRIBUTION LEGEND: White - OnSite Copy Yellow - Report Copy Pink - Client Copy

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

September 20, 2023

Nathan Moxley
DH Environmental, Inc.
1011 SW Klickitat Way, Suite 107
Seattle, WA 98103

Re: Analytical Data for Project Jorgensen UST Site Assessment
Laboratory Reference No. 2308-250B

Dear Nathan:

Enclosed are the analytical results and associated quality control data for samples submitted on August 22, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 20, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250B
Project: Jorgensen UST Site Assessment

Case Narrative

Samples were collected on August 21 and 22, 2023 and received by the laboratory on August 22, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Volatiles EPA 8260D Analysis

The percent recovery for 1,1-Dichloropropene and 1,2,4-Trichlorobenzene is outside the control limits in the Spike Blank and Spike Blank Duplicate. The method allows for a percentage of the compounds to fall outside of the control limits due to the large number of analytes being spiked.

The client requested the analysis of sample NT-piping-SS-24-2.0-082123 after the holding time had expired.

PAHs EPA 8270E/SIM Analysis

Sample NT-SS-31-6.5-082223 had one surrogate recovery outside of control limits. This is within allowance of our standard operating procedure as long as the recovery is above 10%.

The client requested the analysis of sample NT-piping-SS-24-2.0-082123 after the holding time had expired.

Total Metals EPA 6010D/7471B Analysis

The duplicate RPD for Chromium is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results

The Matrix Spike/ Matrix Spike Duplicate recoveries for Chromium are outside control limits due to matrix inhomogeneity. The samples were re-extracted and re-analyzed with similar results. The Spike Blank recovery was 99%

Due to the high concentration of Nickel in the QC sample, the amount spiked was insufficient for meaningful MS/MSD recovery data. The Spike Blank recovery was 102%.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

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Date of Report: September 20, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250B
Project: Jorgensen UST Site Assessment

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-piping-SS-24-2.0-082123**					
Laboratory ID:	08-250-01					
Dichlorodifluoromethane	ND	0.0018	EPA 8260D	9-5-23	9-5-23	
Chloromethane	ND	0.0090	EPA 8260D	9-5-23	9-5-23	
Vinyl Chloride	ND	0.0015	EPA 8260D	9-5-23	9-5-23	
Bromomethane	ND	0.0079	EPA 8260D	9-5-23	9-5-23	
Chloroethane	ND	0.0058	EPA 8260D	9-5-23	9-5-23	
Trichlorofluoromethane	ND	0.0012	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloroethene	ND	0.0012	EPA 8260D	9-5-23	9-5-23	
Iodomethane	ND	0.0058	EPA 8260D	9-5-23	9-5-23	
Methylene Chloride	ND	0.0075	EPA 8260D	9-5-23	9-5-23	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260D	9-5-23	9-5-23	
Methyl t-Butyl Ether	ND	0.0012	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloroethane	ND	0.0012	EPA 8260D	9-5-23	9-5-23	
2,2-Dichloropropane	ND	0.0012	EPA 8260D	9-5-23	9-5-23	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260D	9-5-23	9-5-23	
Bromochloromethane	ND	0.0012	EPA 8260D	9-5-23	9-5-23	
Chloroform	ND	0.0012	EPA 8260D	9-5-23	9-5-23	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260D	9-5-23	9-5-23	
Carbon Tetrachloride	ND	0.0012	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloropropene	ND	0.0015	EPA 8260D	9-5-23	9-5-23	
Benzene	ND	0.0012	EPA 8260D	9-5-23	9-5-23	
1,2-Dichloroethane	ND	0.0012	EPA 8260D	9-5-23	9-5-23	
Trichloroethene	ND	0.0012	EPA 8260D	9-5-23	9-5-23	
1,2-Dichloropropane	ND	0.0012	EPA 8260D	9-5-23	9-5-23	
Dibromomethane	ND	0.0012	EPA 8260D	9-5-23	9-5-23	
Bromodichloromethane	ND	0.0012	EPA 8260D	9-5-23	9-5-23	
2-Chloroethyl Vinyl Ether	ND	0.012	EPA 8260D	9-5-23	9-5-23	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260D	9-5-23	9-5-23	
Toluene	ND	0.0058	EPA 8260D	9-5-23	9-5-23	

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Date of Report: September 20, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250B
Project: Jorgensen UST Site Assessment

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-piping-SS-24-2.0-082123**					
Laboratory ID:	08-250-01					
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260D	9-5-23	9-5-23	
1,1,2-Trichloroethane	ND	0.0012	EPA 8260D	9-5-23	9-5-23	
Tetrachloroethene	ND	0.0012	EPA 8260D	9-5-23	9-5-23	
1,3-Dichloropropane	ND	0.0012	EPA 8260D	9-5-23	9-5-23	
Dibromochloromethane	ND	0.0012	EPA 8260D	9-5-23	9-5-23	
1,2-Dibromoethane	ND	0.0012	EPA 8260D	9-5-23	9-5-23	
Chlorobenzene	ND	0.0012	EPA 8260D	9-5-23	9-5-23	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260D	9-5-23	9-5-23	
Ethylbenzene	ND	0.0012	EPA 8260D	9-5-23	9-5-23	
m,p-Xylene	ND	0.0023	EPA 8260D	9-5-23	9-5-23	
o-Xylene	ND	0.0012	EPA 8260D	9-5-23	9-5-23	
Bromoform	ND	0.0058	EPA 8260D	9-5-23	9-5-23	
Bromobenzene	ND	0.058	EPA 8260D	9-5-23	9-5-23	
1,1,2,2-Tetrachloroethane	ND	0.058	EPA 8260D	9-5-23	9-5-23	
1,2,3-Trichloropropane	ND	0.058	EPA 8260D	9-5-23	9-5-23	
2-Chlorotoluene	ND	0.058	EPA 8260D	9-5-23	9-5-23	
4-Chlorotoluene	ND	0.058	EPA 8260D	9-5-23	9-5-23	
1,3-Dichlorobenzene	ND	0.058	EPA 8260D	9-5-23	9-5-23	
1,4-Dichlorobenzene	ND	0.058	EPA 8260D	9-5-23	9-5-23	
1,2-Dichlorobenzene	ND	0.058	EPA 8260D	9-5-23	9-5-23	
1,2-Dibromo-3-chloropropane	ND	0.29	EPA 8260D	9-5-23	9-5-23	
1,2,4-Trichlorobenzene	ND	0.058	EPA 8260D	9-5-23	9-5-23	
Hexachlorobutadiene	ND	0.29	EPA 8260D	9-5-23	9-5-23	
1,2,3-Trichlorobenzene	ND	0.058	EPA 8260D	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*93*	*75-130*				
Toluene-d8	*87*	*78-128*				
4-Bromofluorobenzene	*90*	*71-130*				

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Date of Report: September 20, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250B
Project: Jorgensen UST Site Assessment

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-SS-31-6.5-082223**					
Laboratory ID:	08-250-06					
Dichlorodifluoromethane	ND	0.0012	EPA 8260D	9-5-23	9-5-23	
Chloromethane	ND	0.0063	EPA 8260D	9-5-23	9-5-23	
Vinyl Chloride	ND	0.0011	EPA 8260D	9-5-23	9-5-23	
Bromomethane	ND	0.0056	EPA 8260D	9-5-23	9-5-23	
Chloroethane	ND	0.0041	EPA 8260D	9-5-23	9-5-23	
Trichlorofluoromethane	ND	0.00082	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloroethene	ND	0.00082	EPA 8260D	9-5-23	9-5-23	
Iodomethane	ND	0.0041	EPA 8260D	9-5-23	9-5-23	
Methylene Chloride	ND	0.0053	EPA 8260D	9-5-23	9-5-23	
(trans) 1,2-Dichloroethene	ND	0.00082	EPA 8260D	9-5-23	9-5-23	
Methyl t-Butyl Ether	ND	0.00082	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloroethane	ND	0.00082	EPA 8260D	9-5-23	9-5-23	
2,2-Dichloropropane	ND	0.00082	EPA 8260D	9-5-23	9-5-23	
(cis) 1,2-Dichloroethene	ND	0.00082	EPA 8260D	9-5-23	9-5-23	
Bromochloromethane	ND	0.00082	EPA 8260D	9-5-23	9-5-23	
Chloroform	ND	0.00082	EPA 8260D	9-5-23	9-5-23	
1,1,1-Trichloroethane	ND	0.00082	EPA 8260D	9-5-23	9-5-23	
Carbon Tetrachloride	ND	0.00082	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloropropene	ND	0.0011	EPA 8260D	9-5-23	9-5-23	
Benzene	ND	0.00082	EPA 8260D	9-5-23	9-5-23	
1,2-Dichloroethane	ND	0.00082	EPA 8260D	9-5-23	9-5-23	
Trichloroethene	ND	0.00082	EPA 8260D	9-5-23	9-5-23	
1,2-Dichloropropane	ND	0.00082	EPA 8260D	9-5-23	9-5-23	
Dibromomethane	ND	0.00082	EPA 8260D	9-5-23	9-5-23	
Bromodichloromethane	ND	0.00082	EPA 8260D	9-5-23	9-5-23	
2-Chloroethyl Vinyl Ether	ND	0.0082	EPA 8260D	9-5-23	9-5-23	
(cis) 1,3-Dichloropropene	ND	0.00082	EPA 8260D	9-5-23	9-5-23	
Toluene	ND	0.0041	EPA 8260D	9-5-23	9-5-23	

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VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-SS-31-6.5-082223**					
Laboratory ID:	08-250-06					
(trans) 1,3-Dichloropropene	ND	0.00082	EPA 8260D	9-5-23	9-5-23	
1,1,2-Trichloroethane	ND	0.00082	EPA 8260D	9-5-23	9-5-23	
Tetrachloroethene	ND	0.00082	EPA 8260D	9-5-23	9-5-23	
1,3-Dichloropropane	ND	0.00082	EPA 8260D	9-5-23	9-5-23	
Dibromochloromethane	ND	0.00082	EPA 8260D	9-5-23	9-5-23	
1,2-Dibromoethane	ND	0.00082	EPA 8260D	9-5-23	9-5-23	
Chlorobenzene	ND	0.00082	EPA 8260D	9-5-23	9-5-23	
1,1,1,2-Tetrachloroethane	ND	0.00082	EPA 8260D	9-5-23	9-5-23	
Ethylbenzene	ND	0.00082	EPA 8260D	9-5-23	9-5-23	
m,p-Xylene	0.0040	0.0016	EPA 8260D	9-5-23	9-5-23	
o-Xylene	0.0044	0.00082	EPA 8260D	9-5-23	9-5-23	
Bromoform	ND	0.0041	EPA 8260D	9-5-23	9-5-23	
Bromobenzene	ND	0.054	EPA 8260D	9-5-23	9-5-23	
1,1,2,2-Tetrachloroethane	ND	0.054	EPA 8260D	9-5-23	9-5-23	
1,2,3-Trichloropropane	ND	0.054	EPA 8260D	9-5-23	9-5-23	
2-Chlorotoluene	ND	0.054	EPA 8260D	9-5-23	9-5-23	
4-Chlorotoluene	ND	0.054	EPA 8260D	9-5-23	9-5-23	
1,3-Dichlorobenzene	ND	0.054	EPA 8260D	9-5-23	9-5-23	
1,4-Dichlorobenzene	ND	0.054	EPA 8260D	9-5-23	9-5-23	
1,2-Dichlorobenzene	ND	0.054	EPA 8260D	9-5-23	9-5-23	
1,2-Dibromo-3-chloropropane	ND	0.27	EPA 8260D	9-5-23	9-5-23	
1,2,4-Trichlorobenzene	ND	0.054	EPA 8260D	9-5-23	9-5-23	
Hexachlorobutadiene	ND	0.27	EPA 8260D	9-5-23	9-5-23	
1,2,3-Trichlorobenzene	ND	0.054	EPA 8260D	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*85*	*75-130*				
Toluene-d8	*92*	*78-128*				
4-Bromofluorobenzene	*108*	*71-130*				

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Date of Report: September 20, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250B
Project: Jorgensen UST Site Assessment

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-SS-34-6.5-082223**					
Laboratory ID:	08-250-09					
Dichlorodifluoromethane	ND	0.077	EPA 8260D	9-5-23	9-5-23	
Chloromethane	ND	0.40	EPA 8260D	9-5-23	9-5-23	
Vinyl Chloride	ND	0.067	EPA 8260D	9-5-23	9-5-23	
Bromomethane	ND	0.35	EPA 8260D	9-5-23	9-5-23	
Chloroethane	ND	0.26	EPA 8260D	9-5-23	9-5-23	
Trichlorofluoromethane	ND	0.051	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloroethene	ND	0.051	EPA 8260D	9-5-23	9-5-23	
Iodomethane	ND	0.26	EPA 8260D	9-5-23	9-5-23	
Methylene Chloride	ND	0.33	EPA 8260D	9-5-23	9-5-23	
(trans) 1,2-Dichloroethene	ND	0.051	EPA 8260D	9-5-23	9-5-23	
Methyl t-Butyl Ether	ND	0.051	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloroethane	ND	0.051	EPA 8260D	9-5-23	9-5-23	
2,2-Dichloropropane	ND	0.051	EPA 8260D	9-5-23	9-5-23	
(cis) 1,2-Dichloroethene	ND	0.051	EPA 8260D	9-5-23	9-5-23	
Bromochloromethane	ND	0.051	EPA 8260D	9-5-23	9-5-23	
Chloroform	ND	0.051	EPA 8260D	9-5-23	9-5-23	
1,1,1-Trichloroethane	ND	0.051	EPA 8260D	9-5-23	9-5-23	
Carbon Tetrachloride	ND	0.051	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloropropene	ND	0.067	EPA 8260D	9-5-23	9-5-23	
Benzene	ND	0.051	EPA 8260D	9-5-23	9-5-23	
1,2-Dichloroethane	ND	0.051	EPA 8260D	9-5-23	9-5-23	
Trichloroethene	ND	0.051	EPA 8260D	9-5-23	9-5-23	
1,2-Dichloropropane	ND	0.051	EPA 8260D	9-5-23	9-5-23	
Dibromomethane	ND	0.051	EPA 8260D	9-5-23	9-5-23	
Bromodichloromethane	ND	0.051	EPA 8260D	9-5-23	9-5-23	
2-Chloroethyl Vinyl Ether	ND	0.51	EPA 8260D	9-5-23	9-5-23	
(cis) 1,3-Dichloropropene	ND	0.051	EPA 8260D	9-5-23	9-5-23	
Toluene	ND	0.26	EPA 8260D	9-5-23	9-5-23	

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VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-SS-34-6.5-082223**					
Laboratory ID:	08-250-09					
(trans) 1,3-Dichloropropene	ND	0.051	EPA 8260D	9-5-23	9-5-23	
1,1,2-Trichloroethane	ND	0.051	EPA 8260D	9-5-23	9-5-23	
Tetrachloroethene	ND	0.051	EPA 8260D	9-5-23	9-5-23	
1,3-Dichloropropane	ND	0.051	EPA 8260D	9-5-23	9-5-23	
Dibromochloromethane	ND	0.051	EPA 8260D	9-5-23	9-5-23	
1,2-Dibromoethane	ND	0.051	EPA 8260D	9-5-23	9-5-23	
Chlorobenzene	ND	0.051	EPA 8260D	9-5-23	9-5-23	
1,1,1,2-Tetrachloroethane	ND	0.051	EPA 8260D	9-5-23	9-5-23	
Ethylbenzene	ND	0.051	EPA 8260D	9-5-23	9-5-23	
m,p-Xylene	0.12	0.10	EPA 8260D	9-5-23	9-5-23	
o-Xylene	0.078	0.051	EPA 8260D	9-5-23	9-5-23	
Bromoform	ND	0.26	EPA 8260D	9-5-23	9-5-23	
Bromobenzene	ND	0.051	EPA 8260D	9-5-23	9-5-23	
1,1,2,2-Tetrachloroethane	ND	0.051	EPA 8260D	9-5-23	9-5-23	
1,2,3-Trichloropropane	ND	0.051	EPA 8260D	9-5-23	9-5-23	
2-Chlorotoluene	ND	0.051	EPA 8260D	9-5-23	9-5-23	
4-Chlorotoluene	ND	0.051	EPA 8260D	9-5-23	9-5-23	
1,3-Dichlorobenzene	ND	0.051	EPA 8260D	9-5-23	9-5-23	
1,4-Dichlorobenzene	ND	0.051	EPA 8260D	9-5-23	9-5-23	
1,2-Dichlorobenzene	ND	0.051	EPA 8260D	9-5-23	9-5-23	
1,2-Dibromo-3-chloropropane	ND	0.26	EPA 8260D	9-5-23	9-5-23	
1,2,4-Trichlorobenzene	ND	0.051	EPA 8260D	9-5-23	9-5-23	
Hexachlorobutadiene	ND	0.26	EPA 8260D	9-5-23	9-5-23	
1,2,3-Trichlorobenzene	ND	0.051	EPA 8260D	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*81*	*75-130*				
Toluene-d8	*94*	*78-128*				
4-Bromofluorobenzene	*107*	*71-130*				

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Project: Jorgensen UST Site Assessment

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**ST-SS-8-8.5-082223**					
Laboratory ID:	08-250-12					
Dichlorodifluoromethane	ND	0.092	EPA 8260D	9-5-23	9-5-23	
Chloromethane	ND	0.47	EPA 8260D	9-5-23	9-5-23	
Vinyl Chloride	ND	0.079	EPA 8260D	9-5-23	9-5-23	
Bromomethane	ND	0.42	EPA 8260D	9-5-23	9-5-23	
Chloroethane	ND	0.31	EPA 8260D	9-5-23	9-5-23	
Trichlorofluoromethane	ND	0.061	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloroethene	ND	0.061	EPA 8260D	9-5-23	9-5-23	
Iodomethane	ND	0.31	EPA 8260D	9-5-23	9-5-23	
Methylene Chloride	ND	0.39	EPA 8260D	9-5-23	9-5-23	
(trans) 1,2-Dichloroethene	ND	0.061	EPA 8260D	9-5-23	9-5-23	
Methyl t-Butyl Ether	ND	0.061	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloroethane	ND	0.061	EPA 8260D	9-5-23	9-5-23	
2,2-Dichloropropane	ND	0.061	EPA 8260D	9-5-23	9-5-23	
(cis) 1,2-Dichloroethene	ND	0.061	EPA 8260D	9-5-23	9-5-23	
Bromochloromethane	ND	0.061	EPA 8260D	9-5-23	9-5-23	
Chloroform	ND	0.061	EPA 8260D	9-5-23	9-5-23	
1,1,1-Trichloroethane	ND	0.061	EPA 8260D	9-5-23	9-5-23	
Carbon Tetrachloride	ND	0.061	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloropropene	ND	0.079	EPA 8260D	9-5-23	9-5-23	
Benzene	ND	0.061	EPA 8260D	9-5-23	9-5-23	
1,2-Dichloroethane	ND	0.061	EPA 8260D	9-5-23	9-5-23	
Trichloroethene	ND	0.061	EPA 8260D	9-5-23	9-5-23	
1,2-Dichloropropane	ND	0.061	EPA 8260D	9-5-23	9-5-23	
Dibromomethane	ND	0.061	EPA 8260D	9-5-23	9-5-23	
Bromodichloromethane	ND	0.061	EPA 8260D	9-5-23	9-5-23	
2-Chloroethyl Vinyl Ether	ND	0.61	EPA 8260D	9-5-23	9-5-23	
(cis) 1,3-Dichloropropene	ND	0.061	EPA 8260D	9-5-23	9-5-23	
Toluene	0.33	0.31	EPA 8260D	9-5-23	9-5-23	

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Date of Report: September 20, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250B
Project: Jorgensen UST Site Assessment

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**ST-SS-8-8.5-082223**					
Laboratory ID:	08-250-12					
(trans) 1,3-Dichloropropene	ND	0.061	EPA 8260D	9-5-23	9-5-23	
1,1,2-Trichloroethane	ND	0.061	EPA 8260D	9-5-23	9-5-23	
Tetrachloroethene	ND	0.061	EPA 8260D	9-5-23	9-5-23	
1,3-Dichloropropane	ND	0.061	EPA 8260D	9-5-23	9-5-23	
Dibromochloromethane	ND	0.061	EPA 8260D	9-5-23	9-5-23	
1,2-Dibromoethane	ND	0.061	EPA 8260D	9-5-23	9-5-23	
Chlorobenzene	ND	0.061	EPA 8260D	9-5-23	9-5-23	
1,1,1,2-Tetrachloroethane	ND	0.061	EPA 8260D	9-5-23	9-5-23	
Ethylbenzene	0.80	0.061	EPA 8260D	9-5-23	9-5-23	
m,p-Xylene	4.6	0.12	EPA 8260D	9-5-23	9-5-23	
o-Xylene	1.9	0.061	EPA 8260D	9-5-23	9-5-23	
Bromoform	ND	0.31	EPA 8260D	9-5-23	9-5-23	
Bromobenzene	ND	0.061	EPA 8260D	9-5-23	9-5-23	
1,1,2,2-Tetrachloroethane	ND	0.061	EPA 8260D	9-5-23	9-5-23	
1,2,3-Trichloropropane	ND	0.061	EPA 8260D	9-5-23	9-5-23	
2-Chlorotoluene	ND	0.061	EPA 8260D	9-5-23	9-5-23	
4-Chlorotoluene	ND	0.061	EPA 8260D	9-5-23	9-5-23	
1,3-Dichlorobenzene	ND	0.061	EPA 8260D	9-5-23	9-5-23	
1,4-Dichlorobenzene	ND	0.061	EPA 8260D	9-5-23	9-5-23	
1,2-Dichlorobenzene	ND	0.061	EPA 8260D	9-5-23	9-5-23	
1,2-Dibromo-3-chloropropane	ND	0.31	EPA 8260D	9-5-23	9-5-23	
1,2,4-Trichlorobenzene	ND	0.061	EPA 8260D	9-5-23	9-5-23	
Hexachlorobutadiene	ND	0.31	EPA 8260D	9-5-23	9-5-23	
1,2,3-Trichlorobenzene	ND	0.061	EPA 8260D	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*84*	*75-130*				
Toluene-d8	*94*	*78-128*				
4-Bromofluorobenzene	*102*	*71-130*				

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Date of Report: September 20, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250B
Project: Jorgensen UST Site Assessment

VOLATILE ORGANICS EPA 8260D
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**ST-SS-7-8.5-082223**					
Laboratory ID:	08-250-13					
Dichlorodifluoromethane	ND	0.0014	EPA 8260D	9-5-23	9-5-23	
Chloromethane	ND	0.0072	EPA 8260D	9-5-23	9-5-23	
Vinyl Chloride	ND	0.0012	EPA 8260D	9-5-23	9-5-23	
Bromomethane	ND	0.0064	EPA 8260D	9-5-23	9-5-23	
Chloroethane	ND	0.0047	EPA 8260D	9-5-23	9-5-23	
Trichlorofluoromethane	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloroethene	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
Iodomethane	ND	0.0047	EPA 8260D	9-5-23	9-5-23	
Methylene Chloride	ND	0.0060	EPA 8260D	9-5-23	9-5-23	
(trans) 1,2-Dichloroethene	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
Methyl t-Butyl Ether	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloroethane	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
2,2-Dichloropropane	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
(cis) 1,2-Dichloroethene	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
Bromochloromethane	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
Chloroform	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
1,1,1-Trichloroethane	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
Carbon Tetrachloride	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloropropene	ND	0.0012	EPA 8260D	9-5-23	9-5-23	
Benzene	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
1,2-Dichloroethane	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
Trichloroethene	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
1,2-Dichloropropane	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
Dibromomethane	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
Bromodichloromethane	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
2-Chloroethyl Vinyl Ether	ND	0.0094	EPA 8260D	9-5-23	9-5-23	
(cis) 1,3-Dichloropropene	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
Toluene	ND	0.0047	EPA 8260D	9-5-23	9-5-23	

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Date of Report: September 20, 2023
Samples Submitted: August 22, 2023
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Project: Jorgensen UST Site Assessment

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**ST-SS-7-8.5-082223**					
Laboratory ID:	08-250-13					
(trans) 1,3-Dichloropropene	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
1,1,2-Trichloroethane	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
Tetrachloroethene	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
1,3-Dichloropropane	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
Dibromochloromethane	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
1,2-Dibromoethane	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
Chlorobenzene	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
1,1,1,2-Tetrachloroethane	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
Ethylbenzene	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
m,p-Xylene	0.0060	0.0019	EPA 8260D	9-5-23	9-5-23	
o-Xylene	0.0036	0.00094	EPA 8260D	9-5-23	9-5-23	
Bromoform	ND	0.0047	EPA 8260D	9-5-23	9-5-23	
Bromobenzene	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
1,1,2,2-Tetrachloroethane	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
1,2,3-Trichloropropane	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
2-Chlorotoluene	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
4-Chlorotoluene	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
1,3-Dichlorobenzene	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
1,4-Dichlorobenzene	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
1,2-Dichlorobenzene	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
1,2-Dibromo-3-chloropropane	ND	0.0047	EPA 8260D	9-5-23	9-5-23	
1,2,4-Trichlorobenzene	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
Hexachlorobutadiene	ND	0.0047	EPA 8260D	9-5-23	9-5-23	
1,2,3-Trichlorobenzene	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*87*	*75-130*				
Toluene-d8	*95*	*78-128*				
4-Bromofluorobenzene	*100*	*71-130*				

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Date of Report: September 20, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250B
Project: Jorgensen UST Site Assessment

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0905S1					
Dichlorodifluoromethane	ND	0.0015	EPA 8260D	9-5-23	9-5-23	
Chloromethane	ND	0.0077	EPA 8260D	9-5-23	9-5-23	
Vinyl Chloride	ND	0.0013	EPA 8260D	9-5-23	9-5-23	
Bromomethane	ND	0.0068	EPA 8260D	9-5-23	9-5-23	
Chloroethane	ND	0.0050	EPA 8260D	9-5-23	9-5-23	
Trichlorofluoromethane	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloroethene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Iodomethane	ND	0.0050	EPA 8260D	9-5-23	9-5-23	
Methylene Chloride	ND	0.0064	EPA 8260D	9-5-23	9-5-23	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloroethane	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
2,2-Dichloropropane	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Bromochloromethane	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Chloroform	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Carbon Tetrachloride	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloropropene	ND	0.0013	EPA 8260D	9-5-23	9-5-23	
Benzene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,2-Dichloroethane	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Trichloroethene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,2-Dichloropropane	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Dibromomethane	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Bromodichloromethane	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
2-Chloroethyl Vinyl Ether	ND	0.010	EPA 8260D	9-5-23	9-5-23	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Toluene	ND	0.0050	EPA 8260D	9-5-23	9-5-23	

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Date of Report: September 20, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250B
Project: Jorgensen UST Site Assessment

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QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0905S1					
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,1,2-Trichloroethane	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Tetrachloroethene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,3-Dichloropropane	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Dibromochloromethane	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,2-Dibromoethane	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Chlorobenzene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Ethylbenzene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
m,p-Xylene	ND	0.0020	EPA 8260D	9-5-23	9-5-23	
o-Xylene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Bromoform	ND	0.0050	EPA 8260D	9-5-23	9-5-23	
Bromobenzene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
2-Chlorotoluene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
4-Chlorotoluene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260D	9-5-23	9-5-23	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Hexachlorobutadiene	ND	0.0050	EPA 8260D	9-5-23	9-5-23	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*86*	*75-130*				
Toluene-d8	*95*	*78-128*				
4-Bromofluorobenzene	*107*	*71-130*				

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Date of Report: September 20, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250B
Project: Jorgensen UST Site Assessment

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Matrix: Soil
Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0905S1									
	SB	SBD	SB	SBD	SB	SBD				
Dichlorodifluoromethane	**0.0341**	**0.0327**	0.0500	0.0500	68	65	30-160	4	26	
Chloromethane	**0.0326**	**0.0317**	0.0500	0.0500	65	63	59-131	3	26	
Vinyl Chloride	**0.0371**	**0.0356**	0.0500	0.0500	74	71	68-136	4	23	
Bromomethane	**0.0366**	**0.0366**	0.0500	0.0500	73	73	48-155	0	32	
Chloroethane	**0.0416**	**0.0392**	0.0500	0.0500	83	78	67-141	6	16	
Trichlorofluoromethane	**0.0463**	**0.0437**	0.0500	0.0500	93	87	76-127	6	19	
1,1-Dichloroethene	**0.0430**	**0.0402**	0.0500	0.0500	86	80	75-129	7	19	
Iodomethane	**0.0424**	**0.0371**	0.0500	0.0500	85	74	37-140	13	27	
Methylene Chloride	**0.0388**	**0.0386**	0.0500	0.0500	78	77	60-124	1	18	
(trans) 1,2-Dichloroethene	**0.0442**	**0.0408**	0.0500	0.0500	88	82	79-133	8	15	
Methyl t-Butyl Ether	**0.0426**	**0.0398**	0.0500	0.0500	85	80	73-125	7	17	
1,1-Dichloroethane	**0.0436**	**0.0412**	0.0500	0.0500	87	82	79-125	6	17	
2,2-Dichloropropane	**0.0504**	**0.0465**	0.0500	0.0500	101	93	79-126	8	18	
(cis) 1,2-Dichloroethene	**0.0407**	**0.0436**	0.0500	0.0500	81	87	75-131	7	15	
Bromochloromethane	**0.0456**	**0.0445**	0.0500	0.0500	91	89	80-126	2	15	
Chloroform	**0.0436**	**0.0410**	0.0500	0.0500	87	82	80-123	6	15	
1,1,1-Trichloroethane	**0.0418**	**0.0389**	0.0500	0.0500	84	78	78-124	7	21	
Carbon Tetrachloride	**0.0401**	**0.0395**	0.0500	0.0500	80	79	74-127	2	18	
1,1-Dichloropropene	**0.0372**	**0.0368**	0.0500	0.0500	74	74	80-123	1	15	I,I
Benzene	**0.0435**	**0.0408**	0.0500	0.0500	87	82	80-122	6	18	
1,2-Dichloroethane	**0.0449**	**0.0413**	0.0500	0.0500	90	83	75-124	8	15	
Trichloroethene	**0.0514**	**0.0490**	0.0500	0.0500	103	98	80-129	5	18	
1,2-Dichloropropane	**0.0491**	**0.0472**	0.0500	0.0500	98	94	80-123	4	15	
Dibromomethane	**0.0462**	**0.0448**	0.0500	0.0500	92	90	80-123	3	15	
Bromodichloromethane	**0.0503**	**0.0480**	0.0500	0.0500	101	96	80-129	5	15	
(cis) 1,3-Dichloropropene	**0.0508**	**0.0486**	0.0500	0.0500	102	97	80-130	4	15	
Toluene	**0.0466**	**0.0449**	0.0500	0.0500	93	90	80-120	4	18	
(trans) 1,3-Dichloropropene	**0.0568**	**0.0544**	0.0500	0.0500	114	109	80-124	4	15	

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Date of Report: September 20, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250B
Project: Jorgensen UST Site Assessment

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0905S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1,2-Trichloroethane	**0.0487**	**0.0467**	0.0500	0.0500	97	93	80-120	4	15	
Tetrachloroethene	**0.0595**	**0.0600**	0.0500	0.0500	119	120	77-126	1	15	
1,3-Dichloropropane	**0.0521**	**0.0517**	0.0500	0.0500	104	103	77-123	1	15	
Dibromochloromethane	**0.0555**	**0.0531**	0.0500	0.0500	111	106	80-128	4	16	
1,2-Dibromoethane	**0.0536**	**0.0487**	0.0500	0.0500	107	97	80-122	10	20	
Chlorobenzene	**0.0534**	**0.0523**	0.0500	0.0500	107	105	80-120	2	18	
1,1,1,2-Tetrachloroethane	**0.0527**	**0.0497**	0.0500	0.0500	105	99	80-120	6	15	
Ethylbenzene	**0.0539**	**0.0532**	0.0500	0.0500	108	106	80-120	1	15	
m,p-Xylene	**0.107**	**0.104**	0.100	0.100	107	104	80-120	3	15	
o-Xylene	**0.0541**	**0.0531**	0.0500	0.0500	108	106	80-120	2	15	
Bromoform	**0.0537**	**0.0517**	0.0500	0.0500	107	103	78-126	4	15	
Bromobenzene	**0.0548**	**0.0555**	0.0500	0.0500	110	111	79-124	1	15	
1,1,2,2-Tetrachloroethane	**0.0536**	**0.0519**	0.0500	0.0500	107	104	75-122	3	17	
1,2,3-Trichloropropane	**0.0529**	**0.0508**	0.0500	0.0500	106	102	72-125	4	20	
2-Chlorotoluene	**0.0614**	**0.0596**	0.0500	0.0500	123	119	75-128	3	15	
4-Chlorotoluene	**0.0590**	**0.0586**	0.0500	0.0500	118	117	78-127	1	16	
1,3-Dichlorobenzene	**0.0595**	**0.0590**	0.0500	0.0500	119	118	78-123	1	17	
1,4-Dichlorobenzene	**0.0599**	**0.0587**	0.0500	0.0500	120	117	77-121	2	17	
1,2-Dichlorobenzene	**0.0569**	**0.0564**	0.0500	0.0500	114	113	80-120	1	15	
1,2-Dibromo-3-chloropropane	**0.0610**	**0.0578**	0.0500	0.0500	122	116	61-137	5	28	
1,2,4-Trichlorobenzene	**0.0659**	**0.0661**	0.0500	0.0500	132	132	77-127	0	17	I,I
Hexachlorobutadiene	**0.0582**	**0.0601**	0.0500	0.0500	116	120	77-125	3	22	
1,2,3-Trichlorobenzene	**0.0592**	**0.0607**	0.0500	0.0500	118	121	77-124	3	19	
Surrogate:										
Dibromofluoromethane					*84*	*84*	*75-130*			
Toluene-d8					*92*	*94*	*78-128*			
4-Bromofluorobenzene					*100*	*103*	*71-130*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 20, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250B
Project: Jorgensen UST Site Assessment

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-piping-SS-24-2.0-082123**					
Laboratory ID:	08-250-01					
Naphthalene	**ND**	0.033	EPA 8270E/SIM	9-5-23	9-5-23	
2-Methylnaphthalene	**ND**	0.033	EPA 8270E/SIM	9-5-23	9-5-23	
1-Methylnaphthalene	**ND**	0.033	EPA 8270E/SIM	9-5-23	9-5-23	
Benzo[a]anthracene	**ND**	0.033	EPA 8270E/SIM	9-5-23	9-5-23	
Chrysene	**0.038**	0.033	EPA 8270E/SIM	9-5-23	9-5-23	
Benzo[b]fluoranthene	**0.056**	0.033	EPA 8270E/SIM	9-5-23	9-5-23	
Benzo(j,k)fluoranthene	**0.062**	0.033	EPA 8270E/SIM	9-5-23	9-5-23	
Benzo[a]pyrene	**ND**	0.033	EPA 8270E/SIM	9-5-23	9-5-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.033	EPA 8270E/SIM	9-5-23	9-5-23	
Dibenz[a,h]anthracene	**ND**	0.033	EPA 8270E/SIM	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*65*	*39-111*				
Pyrene-d10	*79*	*47-114*				
Terphenyl-d14	*84*	*44-121*				

Client ID:	**NT-SS-31-6.5-082223**					
Laboratory ID:	08-250-06					
Naphthalene	**ND**	0.15	EPA 8270E/SIM	9-5-23	9-12-23	
2-Methylnaphthalene	**ND**	0.15	EPA 8270E/SIM	9-5-23	9-12-23	
1-Methylnaphthalene	**ND**	0.15	EPA 8270E/SIM	9-5-23	9-12-23	
Benzo[a]anthracene	**ND**	0.15	EPA 8270E/SIM	9-5-23	9-12-23	
Chrysene	**ND**	0.15	EPA 8270E/SIM	9-5-23	9-12-23	
Benzo[b]fluoranthene	**ND**	0.15	EPA 8270E/SIM	9-5-23	9-12-23	
Benzo(j,k)fluoranthene	**ND**	0.15	EPA 8270E/SIM	9-5-23	9-12-23	
Benzo[a]pyrene	**ND**	0.15	EPA 8270E/SIM	9-5-23	9-12-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.15	EPA 8270E/SIM	9-5-23	9-12-23	
Dibenz[a,h]anthracene	**ND**	0.15	EPA 8270E/SIM	9-5-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*81*	*39-111*				
Pyrene-d10	*110*	*47-114*				
Terphenyl-d14	*122*	*44-121*				Q

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 20, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250B
Project: Jorgensen UST Site Assessment

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-SS-34-6.5-082223**					
Laboratory ID:	08-250-09					
Naphthalene	**0.25**	0.16	EPA 8270E/SIM	9-5-23	9-12-23	
2-Methylnaphthalene	**0.17**	0.16	EPA 8270E/SIM	9-5-23	9-12-23	
1-Methylnaphthalene	**11**	0.16	EPA 8270E/SIM	9-5-23	9-12-23	
Benzo[a]anthracene	**ND**	0.16	EPA 8270E/SIM	9-5-23	9-12-23	
Chrysene	**ND**	0.16	EPA 8270E/SIM	9-5-23	9-12-23	
Benzo[b]fluoranthene	**ND**	0.16	EPA 8270E/SIM	9-5-23	9-12-23	
Benzo(j,k)fluoranthene	**ND**	0.16	EPA 8270E/SIM	9-5-23	9-12-23	
Benzo[a]pyrene	**ND**	0.16	EPA 8270E/SIM	9-5-23	9-12-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.16	EPA 8270E/SIM	9-5-23	9-12-23	
Dibenz[a,h]anthracene	**ND**	0.16	EPA 8270E/SIM	9-5-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*97*	*39-111*				
Pyrene-d10	*109*	*47-114*				
Terphenyl-d14	*94*	*44-121*				
Client ID:	**ST-SS-8-8.5-082223**					
Laboratory ID:	08-250-12					
Naphthalene	**2.9**	0.17	EPA 8270E/SIM	9-5-23	9-12-23	
2-Methylnaphthalene	**21**	0.17	EPA 8270E/SIM	9-5-23	9-12-23	
1-Methylnaphthalene	**17**	0.17	EPA 8270E/SIM	9-5-23	9-12-23	
Benzo[a]anthracene	**ND**	0.17	EPA 8270E/SIM	9-5-23	9-12-23	
Chrysene	**ND**	0.17	EPA 8270E/SIM	9-5-23	9-12-23	
Benzo[b]fluoranthene	**ND**	0.17	EPA 8270E/SIM	9-5-23	9-12-23	
Benzo(j,k)fluoranthene	**ND**	0.17	EPA 8270E/SIM	9-5-23	9-12-23	
Benzo[a]pyrene	**ND**	0.17	EPA 8270E/SIM	9-5-23	9-12-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.17	EPA 8270E/SIM	9-5-23	9-12-23	
Dibenz[a,h]anthracene	**ND**	0.17	EPA 8270E/SIM	9-5-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*77*	*39-111*				
Pyrene-d10	*100*	*47-114*				
Terphenyl-d14	*93*	*44-121*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 20, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250B
Project: Jorgensen UST Site Assessment

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**ST-SS-7-8.5-082223**					
Laboratory ID:	08-250-13					
Naphthalene	**ND**	0.17	EPA 8270E/SIM	9-5-23	9-12-23	
2-Methylnaphthalene	**0.66**	0.17	EPA 8270E/SIM	9-5-23	9-12-23	
1-Methylnaphthalene	**1.0**	0.17	EPA 8270E/SIM	9-5-23	9-12-23	
Benzo[a]anthracene	**ND**	0.17	EPA 8270E/SIM	9-5-23	9-12-23	
Chrysene	**ND**	0.17	EPA 8270E/SIM	9-5-23	9-12-23	
Benzo[b]fluoranthene	**ND**	0.17	EPA 8270E/SIM	9-5-23	9-12-23	
Benzo(j,k)fluoranthene	**ND**	0.17	EPA 8270E/SIM	9-5-23	9-12-23	
Benzo[a]pyrene	**ND**	0.17	EPA 8270E/SIM	9-5-23	9-12-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.17	EPA 8270E/SIM	9-5-23	9-12-23	
Dibenz[a,h]anthracene	**ND**	0.17	EPA 8270E/SIM	9-5-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*74*	*39-111*				
Pyrene-d10	*102*	*47-114*				
Terphenyl-d14	*96*	*44-121*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 20, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250B
Project: Jorgensen UST Site Assessment

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0905S1					
Naphthalene	**ND**	0.0067	EPA 8270E/SIM	9-5-23	9-5-23	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270E/SIM	9-5-23	9-5-23	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270E/SIM	9-5-23	9-5-23	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270E/SIM	9-5-23	9-5-23	
Chrysene	**ND**	0.0067	EPA 8270E/SIM	9-5-23	9-5-23	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270E/SIM	9-5-23	9-5-23	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270E/SIM	9-5-23	9-5-23	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270E/SIM	9-5-23	9-5-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0067	EPA 8270E/SIM	9-5-23	9-5-23	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270E/SIM	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*69*	*39-111*				
Pyrene-d10	*90*	*47-114*				
Terphenyl-d14	*81*	*44-121*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 20, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250B
Project: Jorgensen UST Site Assessment

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0905S1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.0610**	**0.0623**	0.0833	0.0833	73	75	57-116	2	16	
Acenaphthylene	**0.0624**	**0.0649**	0.0833	0.0833	75	78	59-124	4	15	
Acenaphthene	**0.0610**	**0.0630**	0.0833	0.0833	73	76	59-124	3	15	
Fluorene	**0.0637**	**0.0664**	0.0833	0.0833	76	80	62-122	4	15	
Phenanthrene	**0.0650**	**0.0679**	0.0833	0.0833	78	82	62-119	4	15	
Anthracene	**0.0696**	**0.0722**	0.0833	0.0833	84	87	64-123	4	15	
Fluoranthene	**0.0743**	**0.0770**	0.0833	0.0833	89	92	63-123	4	15	
Pyrene	**0.0719**	**0.0743**	0.0833	0.0833	86	89	62-124	3	15	
Benzo[a]anthracene	**0.0786**	**0.0804**	0.0833	0.0833	94	97	59-131	2	15	
Chrysene	**0.0784**	**0.0804**	0.0833	0.0833	94	97	61-124	3	15	
Benzo[b]fluoranthene	**0.0769**	**0.0832**	0.0833	0.0833	92	100	60-126	8	15	
Benzo(j,k)fluoranthene	**0.0861**	**0.0827**	0.0833	0.0833	103	99	63-121	4	17	
Benzo[a]pyrene	**0.0804**	**0.0818**	0.0833	0.0833	97	98	60-122	2	15	
Indeno(1,2,3-c,d)pyrene	**0.0812**	**0.0832**	0.0833	0.0833	97	100	58-127	2	15	
Dibenz[a,h]anthracene	**0.0839**	**0.0855**	0.0833	0.0833	101	103	60-124	2	15	
Benzo[g,h,i]perylene	**0.0845**	**0.0865**	0.0833	0.0833	101	104	58-124	2	15	
Surrogate:										
2-Fluorobiphenyl					*73*	*74*	*39-111*			
Pyrene-d10					*94*	*96*	*47-114*			
Terphenyl-d14					*87*	*88*	*44-121*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 20, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250B
Project: Jorgensen UST Site Assessment

PCBs EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-piping-SS-24-2.0-082123**					
Laboratory ID:	08-250-01					
Aroclor 1016	**ND**	0.061	EPA 8082A	9-6-23	9-7-23	
Aroclor 1221	**ND**	0.061	EPA 8082A	9-6-23	9-7-23	
Aroclor 1232	**ND**	0.061	EPA 8082A	9-6-23	9-7-23	
Aroclor 1242	**ND**	0.061	EPA 8082A	9-6-23	9-7-23	
Aroclor 1248	**ND**	0.061	EPA 8082A	9-6-23	9-7-23	
Aroclor 1254	**0.29**	0.061	EPA 8082A	9-6-23	9-7-23	
Aroclor 1260	**0.23**	0.061	EPA 8082A	9-6-23	9-7-23	
Aroclor 1262	**ND**	0.061	EPA 8082A	9-6-23	9-7-23	
Aroclor 1268	**ND**	0.061	EPA 8082A	9-6-23	9-7-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*81*	*50-127*				
Client ID:	**NT-SS-31-6.5-082223**					
Laboratory ID:	08-250-06					
Aroclor 1016	**ND**	0.058	EPA 8082A	9-6-23	9-7-23	
Aroclor 1221	**ND**	0.058	EPA 8082A	9-6-23	9-7-23	
Aroclor 1232	**ND**	0.058	EPA 8082A	9-6-23	9-7-23	
Aroclor 1242	**ND**	0.058	EPA 8082A	9-6-23	9-7-23	
Aroclor 1248	**ND**	0.058	EPA 8082A	9-6-23	9-7-23	
Aroclor 1254	**ND**	0.058	EPA 8082A	9-6-23	9-7-23	
Aroclor 1260	**ND**	0.058	EPA 8082A	9-6-23	9-7-23	
Aroclor 1262	**ND**	0.058	EPA 8082A	9-6-23	9-7-23	
Aroclor 1268	**ND**	0.058	EPA 8082A	9-6-23	9-7-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*53*	*50-127*				
Client ID:	**NT-SS-34-6.5-082223**					
Laboratory ID:	08-250-09					
Aroclor 1016	**ND**	0.060	EPA 8082A	9-6-23	9-7-23	
Aroclor 1221	**ND**	0.060	EPA 8082A	9-6-23	9-7-23	
Aroclor 1232	**ND**	0.060	EPA 8082A	9-6-23	9-7-23	
Aroclor 1242	**ND**	0.060	EPA 8082A	9-6-23	9-7-23	
Aroclor 1248	**ND**	0.060	EPA 8082A	9-6-23	9-7-23	
Aroclor 1254	**ND**	0.060	EPA 8082A	9-6-23	9-7-23	
Aroclor 1260	**ND**	0.060	EPA 8082A	9-6-23	9-7-23	
Aroclor 1262	**ND**	0.060	EPA 8082A	9-6-23	9-7-23	
Aroclor 1268	**ND**	0.060	EPA 8082A	9-6-23	9-7-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*72*	*50-127*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 20, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250B
Project: Jorgensen UST Site Assessment

PCBs EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**ST-SS-8-8.5-082223**					
Laboratory ID:	08-250-12					
Aroclor 1016	**ND**	0.063	EPA 8082A	9-6-23	9-7-23	
Aroclor 1221	**ND**	0.063	EPA 8082A	9-6-23	9-7-23	
Aroclor 1232	**ND**	0.063	EPA 8082A	9-6-23	9-7-23	
Aroclor 1242	**ND**	0.063	EPA 8082A	9-6-23	9-7-23	
Aroclor 1248	**ND**	0.063	EPA 8082A	9-6-23	9-7-23	
Aroclor 1254	**ND**	0.063	EPA 8082A	9-6-23	9-7-23	
Aroclor 1260	**ND**	0.063	EPA 8082A	9-6-23	9-7-23	
Aroclor 1262	**ND**	0.063	EPA 8082A	9-6-23	9-7-23	
Aroclor 1268	**ND**	0.063	EPA 8082A	9-6-23	9-7-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*71*	*50-127*				
Client ID:	**ST-SS-7-8.5-082223**					
Laboratory ID:	08-250-13					
Aroclor 1016	**ND**	0.062	EPA 8082A	9-6-23	9-7-23	
Aroclor 1221	**ND**	0.062	EPA 8082A	9-6-23	9-7-23	
Aroclor 1232	**ND**	0.062	EPA 8082A	9-6-23	9-7-23	
Aroclor 1242	**ND**	0.062	EPA 8082A	9-6-23	9-7-23	
Aroclor 1248	**ND**	0.062	EPA 8082A	9-6-23	9-7-23	
Aroclor 1254	**ND**	0.062	EPA 8082A	9-6-23	9-7-23	
Aroclor 1260	**ND**	0.062	EPA 8082A	9-6-23	9-7-23	
Aroclor 1262	**ND**	0.062	EPA 8082A	9-6-23	9-7-23	
Aroclor 1268	**ND**	0.062	EPA 8082A	9-6-23	9-7-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*76*	*50-127*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 20, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250B
Project: Jorgensen UST Site Assessment

PCBs EPA 8082A
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0906S1					
Aroclor 1016	**ND**	0.050	EPA 8082A	9-6-23	9-6-23	
Aroclor 1221	**ND**	0.050	EPA 8082A	9-6-23	9-6-23	
Aroclor 1232	**ND**	0.050	EPA 8082A	9-6-23	9-6-23	
Aroclor 1242	**ND**	0.050	EPA 8082A	9-6-23	9-6-23	
Aroclor 1248	**ND**	0.050	EPA 8082A	9-6-23	9-6-23	
Aroclor 1254	**ND**	0.050	EPA 8082A	9-6-23	9-6-23	
Aroclor 1260	**ND**	0.050	EPA 8082A	9-6-23	9-6-23	
Aroclor 1262	**ND**	0.050	EPA 8082A	9-6-23	9-6-23	
Aroclor 1268	**ND**	0.050	EPA 8082A	9-6-23	9-6-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*91*	*50-127*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS											
Laboratory ID:	SB0906S1										
	SB	SBD	SB	SBD		SB	SBD				
Aroclor 1260	**0.440**	**0.457**	0.500	0.500	N/A	**88**	**91**	55-119	4	34	
Surrogate:											
DCB						*87*	*92*	*50-127*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 20, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250B
Project: Jorgensen UST Site Assessment

TOTAL METALS
EPA 6010D/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-piping-SS-24-2.0-082123**					
Laboratory ID:	08-250-01					
Arsenic	**27**	12	EPA 6010D	9-13-23	9-13-23	
Barium	**65**	3.1	EPA 6010D	9-13-23	9-13-23	
Cadmium	**ND**	0.61	EPA 6010D	9-13-23	9-13-23	
Chromium	**100**	0.61	EPA 6010D	9-13-23	9-13-23	
Copper	**150**	1.2	EPA 6010D	9-14-23	9-15-23	
Lead	**140**	6.1	EPA 6010D	9-13-23	9-13-23	
Mercury	**ND**	0.31	EPA 7471B	9-8-23	9-8-23	
Nickel	**910**	31	EPA 6010D	9-14-23	9-18-23	
Selenium	**ND**	12	EPA 6010D	9-13-23	9-13-23	
Silver	**ND**	1.2	EPA 6010D	9-13-23	9-13-23	
Zinc	**190**	3.1	EPA 6010D	9-13-23	9-13-23	
Client ID:	**NT-SS-31-6.5-082223**					
Laboratory ID:	08-250-06					
Arsenic	**39**	12	EPA 6010D	9-13-23	9-13-23	
Barium	**26**	2.9	EPA 6010D	9-13-23	9-13-23	
Cadmium	**ND**	0.58	EPA 6010D	9-13-23	9-13-23	
Chromium	**7.2**	0.58	EPA 6010D	9-13-23	9-13-23	
Copper	**17**	1.2	EPA 6010D	9-14-23	9-19-23	
Lead	**ND**	5.8	EPA 6010D	9-13-23	9-13-23	
Mercury	**ND**	0.29	EPA 7471B	9-8-23	9-8-23	
Nickel	**12**	2.9	EPA 6010D	9-14-23	9-19-23	
Selenium	**ND**	12	EPA 6010D	9-13-23	9-13-23	
Silver	**ND**	1.2	EPA 6010D	9-13-23	9-13-23	
Zinc	**19**	2.9	EPA 6010D	9-13-23	9-13-23	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 20, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250B
Project: Jorgensen UST Site Assessment

TOTAL METALS
EPA 6010D/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-SS-34-6.5-082223**					
Laboratory ID:	08-250-09					
Arsenic	**ND**	12	EPA 6010D	9-13-23	9-13-23	
Barium	**24**	3.0	EPA 6010D	9-13-23	9-13-23	
Cadmium	**ND**	0.60	EPA 6010D	9-13-23	9-13-23	
Chromium	**7.0**	0.60	EPA 6010D	9-13-23	9-13-23	
Copper	**11**	1.2	EPA 6010D	9-14-23	9-18-23	
Lead	**ND**	6.0	EPA 6010D	9-13-23	9-13-23	
Mercury	**ND**	0.30	EPA 7471B	9-8-23	9-8-23	
Nickel	**8.1**	3.0	EPA 6010D	9-14-23	9-18-23	
Selenium	**ND**	12	EPA 6010D	9-13-23	9-13-23	
Silver	**ND**	1.2	EPA 6010D	9-13-23	9-13-23	
Zinc	**21**	3.0	EPA 6010D	9-13-23	9-13-23	
Client ID:	**ST-SS-8-8.5-082223**					
Laboratory ID:	08-250-12					
Arsenic	**ND**	13	EPA 6010D	9-13-23	9-13-23	
Barium	**28**	3.2	EPA 6010D	9-13-23	9-13-23	
Cadmium	**ND**	0.63	EPA 6010D	9-13-23	9-13-23	
Chromium	**7.9**	0.63	EPA 6010D	9-13-23	9-13-23	
Copper	**10**	1.3	EPA 6010D	9-14-23	9-18-23	
Lead	**ND**	6.3	EPA 6010D	9-13-23	9-13-23	
Mercury	**ND**	0.32	EPA 7471B	9-8-23	9-8-23	
Nickel	**7.6**	3.2	EPA 6010D	9-14-23	9-18-23	
Selenium	**ND**	13	EPA 6010D	9-13-23	9-13-23	
Silver	**ND**	1.3	EPA 6010D	9-13-23	9-13-23	
Zinc	**23**	3.2	EPA 6010D	9-13-23	9-13-23	

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Date of Report: September 20, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250B
Project: Jorgensen UST Site Assessment

TOTAL METALS
EPA 6010D/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**ST-SS-7-8.5-082223**					
Laboratory ID:	08-250-13					
Arsenic	**ND**	12	EPA 6010D	9-13-23	9-13-23	
Barium	**23**	3.1	EPA 6010D	9-13-23	9-13-23	
Cadmium	**ND**	0.62	EPA 6010D	9-13-23	9-13-23	
Chromium	**7.7**	0.62	EPA 6010D	9-13-23	9-13-23	
Copper	**8.1**	1.2	EPA 6010D	9-14-23	9-18-23	
Lead	**ND**	6.2	EPA 6010D	9-13-23	9-13-23	
Mercury	**ND**	0.31	EPA 7471B	9-8-23	9-8-23	
Nickel	**6.5**	3.1	EPA 6010D	9-14-23	9-18-23	
Selenium	**ND**	12	EPA 6010D	9-13-23	9-13-23	
Silver	**ND**	1.2	EPA 6010D	9-13-23	9-13-23	
Zinc	**19**	3.1	EPA 6010D	9-13-23	9-13-23	

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Date of Report: September 20, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250B
Project: Jorgensen UST Site Assessment

TOTAL METALS
EPA 6010D/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0913SM2					
Arsenic	**ND**	10	EPA 6010D	9-13-23	9-13-23	
Barium	**ND**	2.5	EPA 6010D	9-13-23	9-13-23	
Cadmium	**ND**	0.50	EPA 6010D	9-13-23	9-13-23	
Chromium	**ND**	0.50	EPA 6010D	9-13-23	9-13-23	
Lead	**ND**	5.0	EPA 6010D	9-13-23	9-13-23	
Selenium	**ND**	10	EPA 6010D	9-13-23	9-13-23	
Silver	**ND**	1.0	EPA 6010D	9-13-23	9-13-23	
Zinc	**ND**	2.5	EPA 6010D	9-13-23	9-13-23	
Laboratory ID:	MB0908S2					
Mercury	**ND**	0.25	EPA 7471B	9-8-23	9-8-23	
Laboratory ID:	MB0914SM1					
Copper	**ND**	1.0	EPA 6010D	9-14-23	9-15-23	
Nickel	**ND**	2.5	EPA 6010D	9-14-23	9-15-23	

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Date of Report: September 20, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250B
Project: Jorgensen UST Site Assessment

TOTAL METALS
EPA 6010D/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result		Spike Level		Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	08-250-01									
	ORIG	DUP								
Arsenic	**22.2**	**20.0**	NA	NA		NA	NA	10	20	
Barium	**53.4**	**55.3**	NA	NA		NA	NA	3	20	
Cadmium	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Chromium	**82.4**	**51.4**	NA	NA		NA	NA	46	20	K
Lead	**117**	**136**	NA	NA		NA	NA	15	20	
Selenium	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Silver	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Zinc	**159**	**160**	NA	NA		NA	NA	1	20	
Laboratory ID:	09-037-01									
Mercury	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Laboratory ID:	08-250-01									
	ORIG	DUP								
Copper	**124**	**128**	NA	NA		NA	NA	3	20	
Nickel	**741**	**761**	NA	NA		NA	NA	3	20	
MATRIX SPIKES										
Laboratory ID:	08-250-01									
	MS	MSD	MS	MSD		MS	MSD			
Arsenic	**117**	**116**	100	100	22.2	**95**	**94**	75-125	1	20	
Barium	**155**	**149**	100	100	53.4	**102**	**96**	75-125	4	20	
Cadmium	**45.0**	**45.4**	50.0	50.0	ND	**90**	**91**	75-125	1	20	
Chromium	**150**	**144**	100	100	82.4	**67**	**62**	75-125	4	20	V
Lead	**359**	**352**	250	250	117	**97**	**94**	75-125	2	20	
Selenium	**91.4**	**92.5**	100	100	ND	**91**	**93**	75-125	1	20	
Silver	**23.6**	**23.7**	25.0	25.0	ND	**94**	**95**	75-125	1	20	
Zinc	**260**	**248**	100	100	159	**101**	**89**	75-125	5	20	
Laboratory ID:	09-037-01									
Mercury	**0.515**	**0.524**	0.500	0.500	0.0352	**96**	**98**	80-120	2	20	
Laboratory ID:	08-250-01									
	MS	MSD	MS	MSD		MS	MSD			
Copper	**179**	**166**	50.0	50.0	124	**111**	**85**	75-125	7	20	
Nickel	**812**	**815**	100	100	741	**71**	**74**	75-125	0	20	A

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 20, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-250B
Project: Jorgensen UST Site Assessment

% MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
NT-piping-SS-24-2.0-082123	08-250-01	**18**	8-28-23
NT-SS-31-6.5-082223	08-250-06	**13**	8-28-23
NT-SS-34-6.5-082223	08-250-09	**16**	8-28-23
ST-SS-8-8.5-082223	08-250-12	**21**	8-28-23
ST-SS-7-8.5-082223	08-250-13	**20**	8-28-23

This report pertains to the samples analyzed in accordance with the chain of custody,
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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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Chain of Custody

OnSite Environmental Inc.
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • Fax: (425) 885-4603

Turnaround Request (in working days)

(Check One)

☐ Same Day ☐ 1 Day

☐ 2 Day ☐ 3 Day

☒ Standard 5-day
(Hydrocarbon analyses: 5 days, All other analyses: 7 days)

☐ _____ (other)

Project Manager:

Laboratory No. 08-250

Company: DH Environmental

Project No.:

Project Name: Jorgensen UST Site Assessment

Project Manager: N. Moxley

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by ~~8260B~~ 8260D EDB/EDC/MTBE/BTEX	Halogenated Volatiles by ~~8010B~~ 8260D	Semivolatiles by 8270C	PAHs by ~~8270C~~ cPAHs/naphthalene 8270E/SIM	PCB's by 8082	Pesticides by 8081	Herbicides by 8151A	Total RCRA Metals (8) + Cu, Ni, Zn	Priority Pollutant Metals (13)	TCLP Metals	VPH	EPH					% Moisture
1	NT-piping-SS-24-2.0-082123	8/21/23	1110	Soil	5		X	X	⊗	⊗		⊗	⊗			⊗									X
2	NT-piping-SS-25-2.0-082123	↓	1115	↓	↓		↓	↓																	↓
3	NT-piping-SS-26-2.0-082123		1120																						
4	NT-SS-29-6.5-082223	8/22/23	1200																						
5	NT-SS-30-6.5-082223		1150																						
6	NT-SS-31-6.5-082223		1140						⊗	⊗		⊗	⊗			⊗									
7	NT-SS-32-6.5-082223		1130																						
8	NT-SS-33-6.5-082223		1120																						
9	NT-SS-34-6.5-082223		1110						⊗	⊗		⊗	⊗			⊗									
10	NT-SS-35-6.5-082223		1100						X	X		X	X			X									
11	NT-SS-Dup-1-082223		0900						X	X		X	X			X									
12	ST-SS-8-8.5-082223	↓	1230	↓	↓		↓	↓	⊗	⊗		⊗	⊗			⊗									↓

RELINQUISHED BY	DATE	RECEIVED BY	DATE
	8/22/23	Nichelle Biffle	8/22/23
FIRM DHE	TIME 1635	FIRM OSE	TIME 1635
RELINQUISHED BY	DATE	RECEIVED BY	DATE
FIRM	TIME	FIRM	TIME
REVIEWED BY		DATE REVIEWED	

COMMENTS:
~~Nm~~
- Please report lowest possible reporting limits
- Samples may have high petroleum concentrations
⊗ - Added 9/5/23 NB (STA)

Chromatographs with final report ☐ EIM-EDDs

DISTRIBUTION LEGEND: White - OnSite Copy Yellow - Report Copy Pink - Client Copy

Chain of Custody

OnSite Environmental Inc.
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • Fax: (425) 885-4603

Turnaround Request (in working days)

(Check One)

☐ Same Day ☐ 1 Day
☐ 2 Day ☐ 3 Day
☒ Standard 5-day
(Hydrocarbon analyses: 5 days, All other analyses: 7 days)
☐ _____ (other)

Project Manager:

Laboratory No. 08-250

Company: DH Environmental
Project No.:
Project Name: Jorgensen UST Site Assessment
Project Manager: N. Moxley

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by ~~8200B~~ 8260B EDB/EDC/MTBE/BTEX	Halogenated Volatiles by ~~8000B~~ 8260B	Semivolatiles by 8270C	PAHs by 8270C cPAHs, Naphthalenes	PCB's by 8082	Pesticides by 8081	Herbicides by 8151A	Total RCRA Metals (8)+Cu,Ni,Zn	Priority Pollutant Metals (13)	TCLP Metals	VPH	EPH					% Moisture
13	ST-SS-7-8.5-082223	8/22/23	1240	Soil	5		X	X	⊗	⊗		⊗	⊗			⊗									X
14	ST-SS-6-8.5-082223		1250																						
15	ST-SS-1-8.5-082223		1310																						
16	ST-SS-2-8.5-082223		1320																						
17	ST-SS-Dup-2-082223		0930																						
18	Trip Blank	8/22/23	1500	Water	3		X		X	X															

RELINQUISHED BY	DATE	RECEIVED BY	DATE
	8/22/23	Nichelle Bafus	8/22/23
FIRM: DHE	TIME: 1635	FIRM: OSE	TIME: 1635
RELINQUISHED BY	DATE	RECEIVED BY	DATE
FIRM	TIME	FIRM	TIME
REVIEWED BY		DATE REVIEWED	

COMMENTS:

Chromatographs with final report ☐

DISTRIBUTION LEGEND: White - OnSite Copy Yellow - Report Copy Pink - Client Copy

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

September 5, 2023

Nathan Moxley
DH Environmental, Inc.
1011 SW Klickitat Way, Suite 107
Seattle, WA 98103

Re: Analytical Data for Project Star Forge UST Site Assessment
Laboratory Reference No. 2308-315

Dear Nathan:

Enclosed are the analytical results and associated quality control data for samples submitted on August 29, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 5, 2023
Samples Submitted: August 29, 2023
Laboratory Reference: 2308-315
Project: Star Forge UST Site Assessment

Case Narrative

Samples were collected on August 28, 2023 and received by the laboratory on August 29, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 5, 2023
Samples Submitted: August 29, 2023
Laboratory Reference: 2308-315
Project: Star Forge UST Site Assessment

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-SS-17-5.0-082823**					
Laboratory ID:	08-315-01					
Gasoline Range Organics	**480**	5.0	NWTPH-Gx	8-29-23	8-29-23	O
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*83*	*65-126*				
Client ID:	**NT-SS-18-5.0-082823**					
Laboratory ID:	08-315-02					
Gasoline Range Organics	**180**	5.7	NWTPH-Gx	8-29-23	8-29-23	O
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*89*	*65-126*				
Client ID:	**NT-SS-19-5.0-082823**					
Laboratory ID:	08-315-03					
Gasoline	**ND**	6.2	NWTPH-Gx	8-29-23	8-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*92*	*65-126*				
Client ID:	**NT-SS-16-5.0-082823**					
Laboratory ID:	08-315-04					
Gasoline	**ND**	6.0	NWTPH-Gx	8-29-23	8-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*87*	*65-126*				
Client ID:	**NT-SS-15-5.0-082823**					
Laboratory ID:	08-315-05					
Gasoline Range Organics	**110**	5.1	NWTPH-Gx	8-29-23	8-29-23	O
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*86*	*65-126*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 5, 2023
Samples Submitted: August 29, 2023
Laboratory Reference: 2308-315
Project: Star Forge UST Site Assessment

GASOLINE RANGE ORGANICS
NWTPH-Gx
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0829S2					
Gasoline	**ND**	5.0	NWTPH-Gx	8-29-23	8-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*87*	*65-126*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	08-315-01										
	ORIG	DUP									
GRO	**413**	**372**	NA	NA		NA		NA	10	30	
Surrogate:											
Fluorobenzene						*83*	*85*	*65-126*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 5, 2023
Samples Submitted: August 29, 2023
Laboratory Reference: 2308-315
Project: Star Forge UST Site Assessment

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Trip Blank**					
Laboratory ID:	08-315-06					
Gasoline	**ND**	100	NWTPH-Gx	8-30-23	8-30-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*97*	*65-122*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 5, 2023
Samples Submitted: August 29, 2023
Laboratory Reference: 2308-315
Project: Star Forge UST Site Assessment

GASOLINE RANGE ORGANICS
NWTPH-Gx
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0830W1					
Gasoline	**ND**	100	NWTPH-Gx	8-30-23	8-30-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*92*	*65-122*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	08-276-10										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*91*	*89*	*65-122*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 5, 2023
Samples Submitted: August 29, 2023
Laboratory Reference: 2308-315
Project: Star Forge UST Site Assessment

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-SS-17-5.0-082823**					
Laboratory ID:	08-315-01					
Diesel Range Organics	**25000**	2900	NWTPH-Dx	8-31-23	9-1-23	N
Lube Oil	**200000**	5900	NWTPH-Dx	8-31-23	9-1-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	---	*50-150*				S
Client ID:	**NT-SS-18-5.0-082823**					
Laboratory ID:	08-315-02					
Diesel Range Organics	**2500**	310	NWTPH-Dx	8-31-23	9-1-23	N
Lube Oil	**21000**	620	NWTPH-Dx	8-31-23	9-1-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	---	*50-150*				S
Client ID:	**NT-SS-19-5.0-082823**					
Laboratory ID:	08-315-03					
Diesel Range Organics	**ND**	33	NWTPH-Dx	8-31-23	9-1-23	
Lube Oil Range Organics	**ND**	66	NWTPH-Dx	8-31-23	9-1-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*87*	*50-150*				
Client ID:	**NT-SS-16-5.0-082823**					
Laboratory ID:	08-315-04					
Diesel Range Organics	**ND**	30	NWTPH-Dx	8-31-23	8-31-23	
Lube Oil Range Organics	**ND**	60	NWTPH-Dx	8-31-23	8-31-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*70*	*50-150*				
Client ID:	**NT-SS-15-5.0-082823**					
Laboratory ID:	08-315-05					
Diesel Fuel #2	**210**	30	NWTPH-Dx	8-31-23	8-31-23	N
Lube Oil	**910**	60	NWTPH-Dx	8-31-23	8-31-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*78*	*50-150*				

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Date of Report: September 5, 2023
Samples Submitted: August 29, 2023
Laboratory Reference: 2308-315
Project: Star Forge UST Site Assessment

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0831S1					
Diesel Range Organics	**ND**	25	NWTPH-Dx	8-31-23	8-31-23	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	8-31-23	8-31-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*73*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	08-315-01									
	ORIG	DUP								
Diesel Range Organics	**21400**	**18000**	NA	NA		NA	NA	17	40	
Lube Oil	**172000**	**141000**	NA	NA		NA	NA	20	40	
Surrogate:										
o-Terphenyl						---	---	*50-150*			S,S

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 5, 2023
Samples Submitted: August 29, 2023
Laboratory Reference: 2308-315
Project: Star Forge UST Site Assessment

% MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
NT-SS-17-5.0-082823	08-315-01	**15**	8-31-23
NT-SS-18-5.0-082823	08-315-02	**19**	8-31-23
NT-SS-19-5.0-082823	08-315-03	**24**	8-31-23
NT-SS-16-5.0-082823	08-315-04	**17**	8-31-23
NT-SS-15-5.0-082823	08-315-05	**16**	8-31-23

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: DH Environmental
Project Number:
Project Name: Star Forge UST Site Assessment
Project Manager: N. Moxley
Sampled by: N. Moxley

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☐ Standard (7 Days)
☒ 5 Days (other)

Laboratory Number: 08-315

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (SG Clean-up☐)	Volatiles 8260	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664					% Moisture
1	NT-SS-17-5.0-082823	8/28/23	1200	S	5			X	X																		X
2	NT-SS-18-5.0-082823	↓	1330	↓	↓			↓	↓																		X
3	NT-SS-19-5.0-082823		1340																								X
4	NT-SS-16-5.0-082823		1415																								X
5	NT-SS-15-5.0-082823		1425																								X
6	Trip Blank			W	3			X																			

	Signature	Company	Date	Time
Relinquished	[signature]	DHE	8/28/23	1800
Received	Nichelle Buffin	OSE	8/29/23	0830
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
Please report to lowest possible limits, but please be advised of potentially elevated petroleum concentrations

Data Package: Standard ☒ Level III ☐ Level IV ☐

Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

September 18, 2023

Nathan Moxley
DH Environmental, Inc.
1011 SW Klickitat Way, Suite 107
Seattle, WA 98103

Re: Analytical Data for Project Star Forge UST Site Assessment
Laboratory Reference No. 2308-315B

Dear Nathan:

Enclosed are the analytical results and associated quality control data for samples submitted on August 29, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 18, 2023
Samples Submitted: August 29, 2023
Laboratory Reference: 2308-315B
Project: Star Forge UST Site Assessment

Case Narrative

Samples were collected on August 28, 2023 and received by the laboratory on August 29, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Volatiles EPA 8260D Analysis

The percent recovery for Methylene Chloride, Bromobenzene, 1,4-Dichlorobenzene, 1,2-Dichlorobenzene, 1,2,4-Trichlorobenzene and 1,2,3-Trichlorobenzene is outside the control limits in the Spike Blank and/or Spike Blank Duplicate. The method allows for a percentage of the compounds to fall outside of the control limits due to the large number of analytes being spiked.

Some MTCA Method A cleanup levels are non-achievable for sample NT-SS-17-5.0-082823 due to the necessary dilution of the sample.

The value reported for o-Xylene in sample NT-SS-18-5.0-082823 exceeds the calibration range and is therefore an estimate. The sample was re-analyzed at the lowest possible dilution allowed by Method 5035A with non-detect results for o-Xylene.

Total Metals EPA 6010D/7471B Analysis

The Matrix Spike/ Matrix Spike Duplicate recoveries for Nickel are outside control limits due to matrix inhomogeneity. The samples were re-extracted and re-analyzed with similar results. The Spike Blank recovery was 92%.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 18, 2023
Samples Submitted: August 29, 2023
Laboratory Reference: 2308-315B
Project: Star Forge UST Site Assessment

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-SS-17-5.0-082823**					
Laboratory ID:	08-315-01					
Dichlorodifluoromethane	ND	0.050	EPA 8260D	9-7-23	9-7-23	
Chloromethane	ND	0.25	EPA 8260D	9-7-23	9-7-23	
Vinyl Chloride	ND	0.050	EPA 8260D	9-7-23	9-7-23	
Bromomethane	ND	0.25	EPA 8260D	9-7-23	9-7-23	
Chloroethane	ND	0.25	EPA 8260D	9-7-23	9-7-23	
Trichlorofluoromethane	ND	0.050	EPA 8260D	9-7-23	9-7-23	
1,1-Dichloroethene	ND	0.050	EPA 8260D	9-7-23	9-7-23	
Iodomethane	ND	0.25	EPA 8260D	9-7-23	9-7-23	
Methylene Chloride	ND	0.25	EPA 8260D	9-7-23	9-7-23	
(trans) 1,2-Dichloroethene	ND	0.050	EPA 8260D	9-7-23	9-7-23	
Methyl t-Butyl Ether	ND	0.050	EPA 8260D	9-7-23	9-7-23	
1,1-Dichloroethane	ND	0.050	EPA 8260D	9-7-23	9-7-23	
2,2-Dichloropropane	ND	0.050	EPA 8260D	9-7-23	9-7-23	
(cis) 1,2-Dichloroethene	ND	0.050	EPA 8260D	9-7-23	9-7-23	
Bromochloromethane	ND	0.050	EPA 8260D	9-7-23	9-7-23	
Chloroform	ND	0.050	EPA 8260D	9-7-23	9-7-23	
1,1,1-Trichloroethane	ND	0.050	EPA 8260D	9-7-23	9-7-23	
Carbon Tetrachloride	ND	0.050	EPA 8260D	9-7-23	9-7-23	
1,1-Dichloropropene	ND	0.050	EPA 8260D	9-7-23	9-7-23	
Benzene	ND	0.050	EPA 8260D	9-7-23	9-7-23	
1,2-Dichloroethane	ND	0.050	EPA 8260D	9-7-23	9-7-23	
Trichloroethene	ND	0.050	EPA 8260D	9-7-23	9-7-23	
1,2-Dichloropropane	ND	0.050	EPA 8260D	9-7-23	9-7-23	
Dibromomethane	ND	0.050	EPA 8260D	9-7-23	9-7-23	
Bromodichloromethane	ND	0.050	EPA 8260D	9-7-23	9-7-23	
2-Chloroethyl Vinyl Ether	ND	0.25	EPA 8260D	9-7-23	9-7-23	
(cis) 1,3-Dichloropropene	ND	0.050	EPA 8260D	9-7-23	9-7-23	
Toluene	ND	0.25	EPA 8260D	9-7-23	9-7-23	

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Date of Report: September 18, 2023
Samples Submitted: August 29, 2023
Laboratory Reference: 2308-315B
Project: Star Forge UST Site Assessment

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-SS-17-5.0-082823**					
Laboratory ID:	08-315-01					
(trans) 1,3-Dichloropropene	ND	0.050	EPA 8260D	9-7-23	9-7-23	
1,1,2-Trichloroethane	ND	0.050	EPA 8260D	9-7-23	9-7-23	
Tetrachloroethene	ND	0.050	EPA 8260D	9-7-23	9-7-23	
1,3-Dichloropropane	ND	0.050	EPA 8260D	9-7-23	9-7-23	
Dibromochloromethane	ND	0.050	EPA 8260D	9-7-23	9-7-23	
1,2-Dibromoethane	ND	0.050	EPA 8260D	9-7-23	9-7-23	
Chlorobenzene	ND	0.050	EPA 8260D	9-7-23	9-7-23	
1,1,1,2-Tetrachloroethane	ND	0.050	EPA 8260D	9-7-23	9-7-23	
Ethylbenzene	0.065	0.050	EPA 8260D	9-7-23	9-7-23	
m,p-Xylene	0.26	0.10	EPA 8260D	9-7-23	9-7-23	
o-Xylene	0.28	0.050	EPA 8260D	9-7-23	9-7-23	
Bromoform	ND	0.25	EPA 8260D	9-7-23	9-7-23	
Bromobenzene	ND	0.050	EPA 8260D	9-7-23	9-7-23	
1,1,2,2-Tetrachloroethane	ND	0.050	EPA 8260D	9-7-23	9-7-23	
1,2,3-Trichloropropane	ND	0.050	EPA 8260D	9-7-23	9-7-23	
2-Chlorotoluene	ND	0.050	EPA 8260D	9-7-23	9-7-23	
4-Chlorotoluene	ND	0.050	EPA 8260D	9-7-23	9-7-23	
1,3-Dichlorobenzene	ND	0.050	EPA 8260D	9-7-23	9-7-23	
1,4-Dichlorobenzene	ND	0.050	EPA 8260D	9-7-23	9-7-23	
1,2-Dichlorobenzene	ND	0.050	EPA 8260D	9-7-23	9-7-23	
1,2-Dibromo-3-chloropropane	ND	0.25	EPA 8260D	9-7-23	9-7-23	
1,2,4-Trichlorobenzene	ND	0.050	EPA 8260D	9-7-23	9-7-23	
Hexachlorobutadiene	ND	0.25	EPA 8260D	9-7-23	9-7-23	
1,2,3-Trichlorobenzene	ND	0.050	EPA 8260D	9-7-23	9-7-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*86*	*75-130*				
Toluene-d8	*93*	*78-128*				
4-Bromofluorobenzene	*110*	*71-130*				

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Date of Report: September 18, 2023
Samples Submitted: August 29, 2023
Laboratory Reference: 2308-315B
Project: Star Forge UST Site Assessment

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-SS-18-5.0-082823**					
Laboratory ID:	08-315-02					
Dichlorodifluoromethane	ND	0.00095	EPA 8260D	9-7-23	9-7-23	
Chloromethane	ND	0.0047	EPA 8260D	9-7-23	9-7-23	
Vinyl Chloride	ND	0.00095	EPA 8260D	9-7-23	9-7-23	
Bromomethane	ND	0.0047	EPA 8260D	9-7-23	9-7-23	
Chloroethane	ND	0.0047	EPA 8260D	9-7-23	9-7-23	
Trichlorofluoromethane	ND	0.00095	EPA 8260D	9-7-23	9-7-23	
1,1-Dichloroethene	ND	0.00095	EPA 8260D	9-7-23	9-7-23	
Iodomethane	ND	0.0047	EPA 8260D	9-7-23	9-7-23	
Methylene Chloride	ND	0.0076	EPA 8260D	9-7-23	9-7-23	
(trans) 1,2-Dichloroethene	ND	0.00095	EPA 8260D	9-7-23	9-7-23	
Methyl t-Butyl Ether	ND	0.00095	EPA 8260D	9-7-23	9-7-23	
1,1-Dichloroethane	0.0030	0.00095	EPA 8260D	9-7-23	9-7-23	
2,2-Dichloropropane	ND	0.00095	EPA 8260D	9-7-23	9-7-23	
(cis) 1,2-Dichloroethene	0.0037	0.00095	EPA 8260D	9-7-23	9-7-23	
Bromochloromethane	ND	0.00095	EPA 8260D	9-7-23	9-7-23	
Chloroform	ND	0.00095	EPA 8260D	9-7-23	9-7-23	
1,1,1-Trichloroethane	ND	0.00095	EPA 8260D	9-7-23	9-7-23	
Carbon Tetrachloride	ND	0.00095	EPA 8260D	9-7-23	9-7-23	
1,1-Dichloropropene	ND	0.00095	EPA 8260D	9-7-23	9-7-23	
Benzene	ND	0.00095	EPA 8260D	9-7-23	9-7-23	
1,2-Dichloroethane	ND	0.00095	EPA 8260D	9-7-23	9-7-23	
Trichloroethene	ND	0.00095	EPA 8260D	9-7-23	9-7-23	
1,2-Dichloropropane	ND	0.00095	EPA 8260D	9-7-23	9-7-23	
Dibromomethane	ND	0.00095	EPA 8260D	9-7-23	9-7-23	
Bromodichloromethane	ND	0.00095	EPA 8260D	9-7-23	9-7-23	
2-Chloroethyl Vinyl Ether	ND	0.0047	EPA 8260D	9-7-23	9-7-23	
(cis) 1,3-Dichloropropene	ND	0.00095	EPA 8260D	9-7-23	9-7-23	
Toluene	ND	0.0047	EPA 8260D	9-7-23	9-7-23	

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Date of Report: September 18, 2023
Samples Submitted: August 29, 2023
Laboratory Reference: 2308-315B
Project: Star Forge UST Site Assessment

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-SS-18-5.0-082823**					
Laboratory ID:	08-315-02					
(trans) 1,3-Dichloropropene	ND	0.00095	EPA 8260D	9-7-23	9-7-23	
1,1,2-Trichloroethane	ND	0.00095	EPA 8260D	9-7-23	9-7-23	
Tetrachloroethene	0.0031	0.00095	EPA 8260D	9-7-23	9-7-23	
1,3-Dichloropropane	ND	0.00095	EPA 8260D	9-7-23	9-7-23	
Dibromochloromethane	ND	0.00095	EPA 8260D	9-7-23	9-7-23	
1,2-Dibromoethane	ND	0.00095	EPA 8260D	9-7-23	9-7-23	
Chlorobenzene	ND	0.00095	EPA 8260D	9-7-23	9-7-23	
1,1,1,2-Tetrachloroethane	ND	0.00095	EPA 8260D	9-7-23	9-7-23	
Ethylbenzene	0.15	0.00095	EPA 8260D	9-7-23	9-7-23	
m,p-Xylene	0.12	0.0019	EPA 8260D	9-7-23	9-7-23	
o-Xylene	0.27	0.00095	EPA 8260D	9-7-23	9-7-23	E
Bromoform	ND	0.0047	EPA 8260D	9-7-23	9-7-23	
Bromobenzene	ND	0.00095	EPA 8260D	9-7-23	9-7-23	
1,1,2,2-Tetrachloroethane	ND	0.00095	EPA 8260D	9-7-23	9-7-23	
1,2,3-Trichloropropane	ND	0.00095	EPA 8260D	9-7-23	9-7-23	
2-Chlorotoluene	ND	0.00095	EPA 8260D	9-7-23	9-7-23	
4-Chlorotoluene	ND	0.00095	EPA 8260D	9-7-23	9-7-23	
1,3-Dichlorobenzene	ND	0.00095	EPA 8260D	9-7-23	9-7-23	
1,4-Dichlorobenzene	ND	0.00095	EPA 8260D	9-7-23	9-7-23	
1,2-Dichlorobenzene	ND	0.00095	EPA 8260D	9-7-23	9-7-23	
1,2-Dibromo-3-chloropropane	ND	0.0047	EPA 8260D	9-7-23	9-7-23	
1,2,4-Trichlorobenzene	ND	0.00095	EPA 8260D	9-7-23	9-7-23	
Hexachlorobutadiene	ND	0.0047	EPA 8260D	9-7-23	9-7-23	
1,2,3-Trichlorobenzene	ND	0.00095	EPA 8260D	9-7-23	9-7-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*104*	*75-130*				
Toluene-d8	*93*	*78-128*				
4-Bromofluorobenzene	*97*	*71-130*				

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Date of Report: September 18, 2023
Samples Submitted: August 29, 2023
Laboratory Reference: 2308-315B
Project: Star Forge UST Site Assessment

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0907S2					
Dichlorodifluoromethane	ND	0.0010	EPA 8260D	9-7-23	9-7-23	
Chloromethane	ND	0.0050	EPA 8260D	9-7-23	9-7-23	
Vinyl Chloride	ND	0.0010	EPA 8260D	9-7-23	9-7-23	
Bromomethane	ND	0.0050	EPA 8260D	9-7-23	9-7-23	
Chloroethane	ND	0.0050	EPA 8260D	9-7-23	9-7-23	
Trichlorofluoromethane	ND	0.0010	EPA 8260D	9-7-23	9-7-23	
1,1-Dichloroethene	ND	0.0010	EPA 8260D	9-7-23	9-7-23	
Iodomethane	ND	0.0050	EPA 8260D	9-7-23	9-7-23	
Methylene Chloride	ND	0.0080	EPA 8260D	9-7-23	9-7-23	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	9-7-23	9-7-23	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260D	9-7-23	9-7-23	
1,1-Dichloroethane	ND	0.0010	EPA 8260D	9-7-23	9-7-23	
2,2-Dichloropropane	ND	0.0010	EPA 8260D	9-7-23	9-7-23	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	9-7-23	9-7-23	
Bromochloromethane	ND	0.0010	EPA 8260D	9-7-23	9-7-23	
Chloroform	ND	0.0010	EPA 8260D	9-7-23	9-7-23	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260D	9-7-23	9-7-23	
Carbon Tetrachloride	ND	0.0010	EPA 8260D	9-7-23	9-7-23	
1,1-Dichloropropene	ND	0.0010	EPA 8260D	9-7-23	9-7-23	
Benzene	ND	0.0010	EPA 8260D	9-7-23	9-7-23	
1,2-Dichloroethane	ND	0.0010	EPA 8260D	9-7-23	9-7-23	
Trichloroethene	ND	0.0010	EPA 8260D	9-7-23	9-7-23	
1,2-Dichloropropane	ND	0.0010	EPA 8260D	9-7-23	9-7-23	
Dibromomethane	ND	0.0010	EPA 8260D	9-7-23	9-7-23	
Bromodichloromethane	ND	0.0010	EPA 8260D	9-7-23	9-7-23	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260D	9-7-23	9-7-23	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	9-7-23	9-7-23	
Toluene	ND	0.0050	EPA 8260D	9-7-23	9-7-23	

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Date of Report: September 18, 2023
Samples Submitted: August 29, 2023
Laboratory Reference: 2308-315B
Project: Star Forge UST Site Assessment

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0907S2					
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	9-7-23	9-7-23	
1,1,2-Trichloroethane	ND	0.0010	EPA 8260D	9-7-23	9-7-23	
Tetrachloroethene	ND	0.0010	EPA 8260D	9-7-23	9-7-23	
1,3-Dichloropropane	ND	0.0010	EPA 8260D	9-7-23	9-7-23	
Dibromochloromethane	ND	0.0010	EPA 8260D	9-7-23	9-7-23	
1,2-Dibromoethane	ND	0.0010	EPA 8260D	9-7-23	9-7-23	
Chlorobenzene	ND	0.0010	EPA 8260D	9-7-23	9-7-23	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260D	9-7-23	9-7-23	
Ethylbenzene	ND	0.0010	EPA 8260D	9-7-23	9-7-23	
m,p-Xylene	ND	0.0020	EPA 8260D	9-7-23	9-7-23	
o-Xylene	ND	0.0010	EPA 8260D	9-7-23	9-7-23	
Bromoform	ND	0.0050	EPA 8260D	9-7-23	9-7-23	
Bromobenzene	ND	0.0010	EPA 8260D	9-7-23	9-7-23	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260D	9-7-23	9-7-23	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260D	9-7-23	9-7-23	
2-Chlorotoluene	ND	0.0010	EPA 8260D	9-7-23	9-7-23	
4-Chlorotoluene	ND	0.0010	EPA 8260D	9-7-23	9-7-23	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260D	9-7-23	9-7-23	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260D	9-7-23	9-7-23	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260D	9-7-23	9-7-23	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260D	9-7-23	9-7-23	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260D	9-7-23	9-7-23	
Hexachlorobutadiene	ND	0.0050	EPA 8260D	9-7-23	9-7-23	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260D	9-7-23	9-7-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*91*	*75-130*				
Toluene-d8	*92*	*78-128*				
4-Bromofluorobenzene	*94*	*71-130*				

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Date of Report: September 18, 2023
Samples Submitted: August 29, 2023
Laboratory Reference: 2308-315B
Project: Star Forge UST Site Assessment

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0907S2									
	SB	SBD	SB	SBD	SB	SBD				
Dichlorodifluoromethane	**0.0403**	**0.0404**	0.0500	0.0500	81	81	30-160	0	26	
Chloromethane	**0.0474**	**0.0475**	0.0500	0.0500	95	95	59-131	0	26	
Vinyl Chloride	**0.0486**	**0.0483**	0.0500	0.0500	97	97	68-136	1	23	
Bromomethane	**0.0506**	**0.0506**	0.0500	0.0500	101	101	48-155	0	32	
Chloroethane	**0.0453**	**0.0466**	0.0500	0.0500	91	93	67-141	3	16	
Trichlorofluoromethane	**0.0485**	**0.0493**	0.0500	0.0500	97	99	76-127	2	19	
1,1-Dichloroethene	**0.0473**	**0.0471**	0.0500	0.0500	95	94	75-129	0	19	
Iodomethane	**0.0445**	**0.0464**	0.0500	0.0500	89	93	37-140	4	27	
Methylene Chloride	**0.0959**	**0.0989**	0.0500	0.0500	192	198	60-124	3	18	I,I
(trans) 1,2-Dichloroethene	**0.0462**	**0.0472**	0.0500	0.0500	92	94	79-133	2	15	
Methyl t-Butyl Ether	**0.0444**	**0.0459**	0.0500	0.0500	89	92	73-125	3	17	
1,1-Dichloroethane	**0.0460**	**0.0460**	0.0500	0.0500	92	92	79-125	0	17	
2,2-Dichloropropane	**0.0457**	**0.0474**	0.0500	0.0500	91	95	79-126	4	18	
(cis) 1,2-Dichloroethene	**0.0459**	**0.0467**	0.0500	0.0500	92	93	75-131	2	15	
Bromochloromethane	**0.0456**	**0.0473**	0.0500	0.0500	91	95	80-126	4	15	
Chloroform	**0.0456**	**0.0474**	0.0500	0.0500	91	95	80-123	4	15	
1,1,1-Trichloroethane	**0.0468**	**0.0478**	0.0500	0.0500	94	96	78-124	2	21	
Carbon Tetrachloride	**0.0473**	**0.0495**	0.0500	0.0500	95	99	74-127	5	18	
1,1-Dichloropropene	**0.0472**	**0.0493**	0.0500	0.0500	94	99	80-123	4	15	
Benzene	**0.0466**	**0.0472**	0.0500	0.0500	93	94	80-122	1	18	
1,2-Dichloroethane	**0.0439**	**0.0452**	0.0500	0.0500	88	90	75-124	3	15	
Trichloroethene	**0.0502**	**0.0522**	0.0500	0.0500	100	104	80-129	4	18	
1,2-Dichloropropane	**0.0482**	**0.0505**	0.0500	0.0500	96	101	80-123	5	15	
Dibromomethane	**0.0474**	**0.0529**	0.0500	0.0500	95	106	80-123	11	15	
Bromodichloromethane	**0.0489**	**0.0518**	0.0500	0.0500	98	104	80-129	6	15	
(cis) 1,3-Dichloropropene	**0.0508**	**0.0537**	0.0500	0.0500	102	107	80-130	6	15	
Toluene	**0.0461**	**0.0499**	0.0500	0.0500	92	100	80-120	8	18	
(trans) 1,3-Dichloropropene	**0.0538**	**0.0574**	0.0500	0.0500	108	115	80-124	6	15	

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Date of Report: September 18, 2023
Samples Submitted: August 29, 2023
Laboratory Reference: 2308-315B
Project: Star Forge UST Site Assessment

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0907S2									
	SB	SBD	SB	SBD	SB	SBD				
1,1,2-Trichloroethane	**0.0527**	**0.0571**	0.0500	0.0500	105	114	80-120	8	15	
Tetrachloroethene	**0.0584**	**0.0613**	0.0500	0.0500	117	123	77-126	5	15	
1,3-Dichloropropane	**0.0521**	**0.0560**	0.0500	0.0500	104	112	77-123	7	15	
Dibromochloromethane	**0.0552**	**0.0591**	0.0500	0.0500	110	118	80-128	7	16	
1,2-Dibromoethane	**0.0532**	**0.0586**	0.0500	0.0500	106	117	80-122	10	20	
Chlorobenzene	**0.0538**	**0.0560**	0.0500	0.0500	108	112	80-120	4	18	
1,1,1,2-Tetrachloroethane	**0.0536**	**0.0558**	0.0500	0.0500	107	112	80-120	4	15	
Ethylbenzene	**0.0554**	**0.0591**	0.0500	0.0500	111	118	80-120	6	15	
m,p-Xylene	**0.109**	**0.114**	0.100	0.100	109	114	80-120	4	15	
o-Xylene	**0.0542**	**0.0565**	0.0500	0.0500	108	113	80-120	4	15	
Bromoform	**0.0523**	**0.0566**	0.0500	0.0500	105	113	78-126	8	15	
Bromobenzene	**0.0599**	**0.0624**	0.0500	0.0500	120	125	79-124	4	15	I
1,1,2,2-Tetrachloroethane	**0.0552**	**0.0611**	0.0500	0.0500	110	122	75-122	10	17	
1,2,3-Trichloropropane	**0.0564**	**0.0610**	0.0500	0.0500	113	122	72-125	8	20	
2-Chlorotoluene	**0.0574**	**0.0609**	0.0500	0.0500	115	122	75-128	6	15	
4-Chlorotoluene	**0.0595**	**0.0636**	0.0500	0.0500	119	127	78-127	7	16	
1,3-Dichlorobenzene	**0.0567**	**0.0603**	0.0500	0.0500	113	121	78-123	6	17	
1,4-Dichlorobenzene	**0.0580**	**0.0608**	0.0500	0.0500	116	122	77-121	5	17	I
1,2-Dichlorobenzene	**0.0592**	**0.0611**	0.0500	0.0500	118	122	80-120	3	15	I
1,2-Dibromo-3-chloropropane	**0.0554**	**0.0658**	0.0500	0.0500	111	132	61-137	17	28	
1,2,4-Trichlorobenzene	**0.0620**	**0.0644**	0.0500	0.0500	124	129	77-127	4	17	I
Hexachlorobutadiene	**0.0564**	**0.0562**	0.0500	0.0500	113	112	77-125	0	22	
1,2,3-Trichlorobenzene	**0.0659**	**0.0683**	0.0500	0.0500	132	137	77-124	4	19	I,I
Surrogate:										
Dibromofluoromethane					*92*	*89*	*75-130*			
Toluene-d8					*94*	*93*	*78-128*			
4-Bromofluorobenzene					*100*	*101*	*71-130*			

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Date of Report: September 18, 2023
Samples Submitted: August 29, 2023
Laboratory Reference: 2308-315B
Project: Star Forge UST Site Assessment

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Trip Blank**					
Laboratory ID:	08-315-06					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	9-7-23	9-7-23	
Chloromethane	ND	1.0	EPA 8260D	9-7-23	9-7-23	
Vinyl Chloride	ND	0.20	EPA 8260D	9-7-23	9-7-23	
Bromomethane	ND	1.0	EPA 8260D	9-7-23	9-7-23	
Chloroethane	ND	1.0	EPA 8260D	9-7-23	9-7-23	
Trichlorofluoromethane	ND	0.20	EPA 8260D	9-7-23	9-7-23	
1,1-Dichloroethene	ND	0.20	EPA 8260D	9-7-23	9-7-23	
Iodomethane	ND	7.5	EPA 8260D	9-7-23	9-7-23	
Methylene Chloride	ND	1.0	EPA 8260D	9-7-23	9-7-23	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-7-23	9-7-23	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	9-7-23	9-7-23	
1,1-Dichloroethane	ND	0.20	EPA 8260D	9-7-23	9-7-23	
2,2-Dichloropropane	ND	0.20	EPA 8260D	9-7-23	9-7-23	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-7-23	9-7-23	
Bromochloromethane	ND	0.20	EPA 8260D	9-7-23	9-7-23	
Chloroform	ND	0.20	EPA 8260D	9-7-23	9-7-23	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	9-7-23	9-7-23	
Carbon Tetrachloride	ND	0.20	EPA 8260D	9-7-23	9-7-23	
1,1-Dichloropropene	ND	0.20	EPA 8260D	9-7-23	9-7-23	
Benzene	ND	0.20	EPA 8260D	9-7-23	9-7-23	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-7-23	9-7-23	
Trichloroethene	ND	0.20	EPA 8260D	9-7-23	9-7-23	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-7-23	9-7-23	
Dibromomethane	ND	0.20	EPA 8260D	9-7-23	9-7-23	
Bromodichloromethane	ND	0.20	EPA 8260D	9-7-23	9-7-23	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-7-23	9-7-23	
Toluene	ND	1.0	EPA 8260D	9-7-23	9-7-23	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-7-23	9-7-23	

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Date of Report: September 18, 2023
Samples Submitted: August 29, 2023
Laboratory Reference: 2308-315B
Project: Star Forge UST Site Assessment

VOLATILE ORGANICS EPA 8260D
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Trip Blank**					
Laboratory ID:	08-315-06					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-7-23	9-7-23	
Tetrachloroethene	ND	0.20	EPA 8260D	9-7-23	9-7-23	
1,3-Dichloropropane	ND	0.20	EPA 8260D	9-7-23	9-7-23	
Dibromochloromethane	ND	0.20	EPA 8260D	9-7-23	9-7-23	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-7-23	9-7-23	
Chlorobenzene	ND	0.20	EPA 8260D	9-7-23	9-7-23	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-7-23	9-7-23	
Ethylbenzene	ND	0.20	EPA 8260D	9-7-23	9-7-23	
m,p-Xylene	ND	0.40	EPA 8260D	9-7-23	9-7-23	
o-Xylene	ND	0.20	EPA 8260D	9-7-23	9-7-23	
Bromoform	ND	1.0	EPA 8260D	9-7-23	9-7-23	
Bromobenzene	ND	0.20	EPA 8260D	9-7-23	9-7-23	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-7-23	9-7-23	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	9-7-23	9-7-23	
2-Chlorotoluene	ND	0.20	EPA 8260D	9-7-23	9-7-23	
4-Chlorotoluene	ND	0.20	EPA 8260D	9-7-23	9-7-23	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	9-7-23	9-7-23	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	9-7-23	9-7-23	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	9-7-23	9-7-23	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	9-7-23	9-7-23	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	9-7-23	9-7-23	
Hexachlorobutadiene	ND	1.0	EPA 8260D	9-7-23	9-7-23	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	9-7-23	9-7-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*86*	*75-127*				
Toluene-d8	*96*	*80-127*				
4-Bromofluorobenzene	*100*	*78-125*				

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Samples Submitted: August 29, 2023
Laboratory Reference: 2308-315B
Project: Star Forge UST Site Assessment

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0907W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	9-7-23	9-7-23	
Chloromethane	ND	1.0	EPA 8260D	9-7-23	9-7-23	
Vinyl Chloride	ND	0.20	EPA 8260D	9-7-23	9-7-23	
Bromomethane	ND	1.0	EPA 8260D	9-7-23	9-7-23	
Chloroethane	ND	1.0	EPA 8260D	9-7-23	9-7-23	
Trichlorofluoromethane	ND	0.20	EPA 8260D	9-7-23	9-7-23	
1,1-Dichloroethene	ND	0.20	EPA 8260D	9-7-23	9-7-23	
Iodomethane	ND	7.5	EPA 8260D	9-7-23	9-7-23	
Methylene Chloride	ND	1.0	EPA 8260D	9-7-23	9-7-23	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-7-23	9-7-23	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	9-7-23	9-7-23	
1,1-Dichloroethane	ND	0.20	EPA 8260D	9-7-23	9-7-23	
2,2-Dichloropropane	ND	0.20	EPA 8260D	9-7-23	9-7-23	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-7-23	9-7-23	
Bromochloromethane	ND	0.20	EPA 8260D	9-7-23	9-7-23	
Chloroform	ND	0.20	EPA 8260D	9-7-23	9-7-23	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	9-7-23	9-7-23	
Carbon Tetrachloride	ND	0.20	EPA 8260D	9-7-23	9-7-23	
1,1-Dichloropropene	ND	0.20	EPA 8260D	9-7-23	9-7-23	
Benzene	ND	0.20	EPA 8260D	9-7-23	9-7-23	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-7-23	9-7-23	
Trichloroethene	ND	0.20	EPA 8260D	9-7-23	9-7-23	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-7-23	9-7-23	
Dibromomethane	ND	0.20	EPA 8260D	9-7-23	9-7-23	
Bromodichloromethane	ND	0.20	EPA 8260D	9-7-23	9-7-23	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-7-23	9-7-23	
Toluene	ND	1.0	EPA 8260D	9-7-23	9-7-23	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-7-23	9-7-23	

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Date of Report: September 18, 2023
Samples Submitted: August 29, 2023
Laboratory Reference: 2308-315B
Project: Star Forge UST Site Assessment

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0907W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-7-23	9-7-23	
Tetrachloroethene	ND	0.20	EPA 8260D	9-7-23	9-7-23	
1,3-Dichloropropane	ND	0.20	EPA 8260D	9-7-23	9-7-23	
Dibromochloromethane	ND	0.20	EPA 8260D	9-7-23	9-7-23	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-7-23	9-7-23	
Chlorobenzene	ND	0.20	EPA 8260D	9-7-23	9-7-23	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-7-23	9-7-23	
Ethylbenzene	ND	0.20	EPA 8260D	9-7-23	9-7-23	
m,p-Xylene	ND	0.40	EPA 8260D	9-7-23	9-7-23	
o-Xylene	ND	0.20	EPA 8260D	9-7-23	9-7-23	
Bromoform	ND	1.0	EPA 8260D	9-7-23	9-7-23	
Bromobenzene	ND	0.20	EPA 8260D	9-7-23	9-7-23	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-7-23	9-7-23	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	9-7-23	9-7-23	
2-Chlorotoluene	ND	0.20	EPA 8260D	9-7-23	9-7-23	
4-Chlorotoluene	ND	0.20	EPA 8260D	9-7-23	9-7-23	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	9-7-23	9-7-23	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	9-7-23	9-7-23	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	9-7-23	9-7-23	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	9-7-23	9-7-23	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	9-7-23	9-7-23	
Hexachlorobutadiene	ND	1.0	EPA 8260D	9-7-23	9-7-23	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	9-7-23	9-7-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*87*	*75-127*				
Toluene-d8	*97*	*80-127*				
4-Bromofluorobenzene	*99*	*78-125*				

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Date of Report: September 18, 2023
Samples Submitted: August 29, 2023
Laboratory Reference: 2308-315B
Project: Star Forge UST Site Assessment

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0907W1									
	SB	SBD	SB	SBD	SB	SBD				
Dichlorodifluoromethane	**11.8**	**11.1**	10.0	10.0	118	111	34-166	6	21	
Chloromethane	**10.5**	**10.1**	10.0	10.0	105	101	63-138	4	18	
Vinyl Chloride	**10.1**	**9.56**	10.0	10.0	101	96	71-135	5	20	
Bromomethane	**9.19**	**10.7**	10.0	10.0	92	107	20-151	15	36	
Chloroethane	**8.90**	**8.80**	10.0	10.0	89	88	76-125	1	20	
Trichlorofluoromethane	**9.33**	**9.29**	10.0	10.0	93	93	75-131	0	19	
1,1-Dichloroethene	**9.57**	**9.40**	10.0	10.0	96	94	78-125	2	19	
Iodomethane	**6.69**	**7.28**	10.0	10.0	67	73	10-155	8	40	
Methylene Chloride	**8.37**	**8.87**	10.0	10.0	84	89	80-120	6	15	
(trans) 1,2-Dichloroethene	**9.63**	**9.41**	10.0	10.0	96	94	80-125	2	17	
Methyl t-Butyl Ether	**9.73**	**9.14**	10.0	10.0	97	91	80-122	6	15	
1,1-Dichloroethane	**9.30**	**9.15**	10.0	10.0	93	92	80-125	2	17	
2,2-Dichloropropane	**11.7**	**11.7**	10.0	10.0	117	117	80-146	0	21	
(cis) 1,2-Dichloroethene	**9.50**	**9.48**	10.0	10.0	95	95	80-129	0	17	
Bromochloromethane	**9.75**	**9.35**	10.0	10.0	98	94	80-125	4	18	
Chloroform	**9.44**	**9.30**	10.0	10.0	94	93	80-123	1	16	
1,1,1-Trichloroethane	**9.50**	**9.13**	10.0	10.0	95	91	80-123	4	18	
Carbon Tetrachloride	**9.66**	**9.40**	10.0	10.0	97	94	80-126	3	17	
1,1-Dichloropropene	**9.16**	**8.91**	10.0	10.0	92	89	80-126	3	18	
Benzene	**9.35**	**9.11**	10.0	10.0	94	91	80-121	3	16	
1,2-Dichloroethane	**9.81**	**9.23**	10.0	10.0	98	92	80-124	6	15	
Trichloroethene	**10.2**	**10.0**	10.0	10.0	102	100	80-122	2	18	
1,2-Dichloropropane	**10.2**	**10.1**	10.0	10.0	102	101	80-123	1	15	
Dibromomethane	**10.5**	**10.1**	10.0	10.0	105	101	80-123	4	15	
Bromodichloromethane	**10.9**	**10.6**	10.0	10.0	109	106	80-125	3	15	
(cis) 1,3-Dichloropropene	**11.3**	**11.0**	10.0	10.0	113	110	80-129	3	15	
Toluene	**9.32**	**9.24**	10.0	10.0	93	92	80-120	1	18	
(trans) 1,3-Dichloropropene	**10.4**	**10.3**	10.0	10.0	104	103	80-134	1	17	

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Date of Report: September 18, 2023
Samples Submitted: August 29, 2023
Laboratory Reference: 2308-315B
Project: Star Forge UST Site Assessment

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0907W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1,2-Trichloroethane	**9.97**	**10.5**	10.0	10.0	100	105	77-126	5	20	
Tetrachloroethene	**10.7**	**10.9**	10.0	10.0	107	109	80-124	2	18	
1,3-Dichloropropane	**9.84**	**9.91**	10.0	10.0	98	99	80-120	1	15	
Dibromochloromethane	**10.6**	**10.9**	10.0	10.0	106	109	80-128	3	15	
1,2-Dibromoethane	**10.7**	**10.8**	10.0	10.0	107	108	80-127	1	15	
Chlorobenzene	**10.1**	**10.3**	10.0	10.0	101	103	80-120	2	17	
1,1,1,2-Tetrachloroethane	**11.0**	**11.2**	10.0	10.0	110	112	80-125	2	17	
Ethylbenzene	**10.0**	**10.1**	10.0	10.0	100	101	80-125	1	18	
m,p-Xylene	**20.0**	**20.6**	20.0	20.0	100	103	80-127	3	18	
o-Xylene	**10.2**	**10.3**	10.0	10.0	102	103	80-126	1	18	
Bromoform	**11.3**	**11.5**	10.0	10.0	113	115	80-130	2	15	
Bromobenzene	**10.1**	**10.3**	10.0	10.0	101	103	76-128	2	16	
1,1,2,2-Tetrachloroethane	**10.0**	**10.4**	10.0	10.0	100	104	74-130	4	15	
1,2,3-Trichloropropane	**9.46**	**9.86**	10.0	10.0	95	99	71-129	4	25	
2-Chlorotoluene	**10.1**	**10.5**	10.0	10.0	101	105	80-128	4	18	
4-Chlorotoluene	**10.3**	**10.6**	10.0	10.0	103	106	80-130	3	19	
1,3-Dichlorobenzene	**10.0**	**10.5**	10.0	10.0	100	105	80-126	5	17	
1,4-Dichlorobenzene	**9.84**	**10.1**	10.0	10.0	98	101	80-121	3	17	
1,2-Dichlorobenzene	**9.82**	**10.1**	10.0	10.0	98	101	79-125	3	15	
1,2-Dibromo-3-chloropropane	**12.1**	**11.8**	10.0	10.0	121	118	73-133	3	15	
1,2,4-Trichlorobenzene	**10.2**	**10.8**	10.0	10.0	102	108	80-139	6	18	
Hexachlorobutadiene	**9.40**	**9.86**	10.0	10.0	94	99	80-151	5	18	
1,2,3-Trichlorobenzene	**10.6**	**11.3**	10.0	10.0	106	113	75-146	6	28	
Surrogate:										
Dibromofluoromethane					*92*	*90*	*75-127*			
Toluene-d8					*98*	*96*	*80-127*			
4-Bromofluorobenzene					*102*	*102*	*78-125*			

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Date of Report: September 18, 2023
Samples Submitted: August 29, 2023
Laboratory Reference: 2308-315B
Project: Star Forge UST Site Assessment

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-SS-17-5.0-082823**					
Laboratory ID:	08-315-01					
Naphthalene	**0.89**	0.020	EPA 8270E/SIM	9-8-23	9-8-23	
2-Methylnaphthalene	**1.7**	0.020	EPA 8270E/SIM	9-8-23	9-8-23	
1-Methylnaphthalene	**1.1**	0.020	EPA 8270E/SIM	9-8-23	9-8-23	
Benzo[a]anthracene	**0.026**	0.020	EPA 8270E/SIM	9-8-23	9-8-23	
Chrysene	**0.072**	0.020	EPA 8270E/SIM	9-8-23	9-8-23	
Benzo[b]fluoranthene	**ND**	0.041	EPA 8270E/SIM	9-8-23	9-8-23	U1
Benzo(j,k)fluoranthene	**ND**	0.020	EPA 8270E/SIM	9-8-23	9-8-23	
Benzo[a]pyrene	**ND**	0.033	EPA 8270E/SIM	9-8-23	9-8-23	U1
Indeno(1,2,3-c,d)pyrene	**ND**	0.031	EPA 8270E/SIM	9-8-23	9-8-23	U1
Dibenz[a,h]anthracene	**ND**	0.036	EPA 8270E/SIM	9-8-23	9-8-23	U1
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*76*	*39-111*				
Pyrene-d10	*92*	*47-114*				
Terphenyl-d14	*77*	*44-121*				
Client ID:	**NT-SS-18-5.0-082823**					
Laboratory ID:	08-315-02					
Naphthalene	**0.13**	0.0021	EPA 8270E/SIM	9-8-23	9-8-23	
2-Methylnaphthalene	**0.062**	0.0021	EPA 8270E/SIM	9-8-23	9-8-23	
1-Methylnaphthalene	**0.088**	0.0021	EPA 8270E/SIM	9-8-23	9-8-23	
Benzo[a]anthracene	**0.0028**	0.0021	EPA 8270E/SIM	9-8-23	9-8-23	
Chrysene	**0.0062**	0.0021	EPA 8270E/SIM	9-8-23	9-8-23	
Benzo[b]fluoranthene	**ND**	0.0045	EPA 8270E/SIM	9-8-23	9-8-23	U1
Benzo(j,k)fluoranthene	**ND**	0.0021	EPA 8270E/SIM	9-8-23	9-8-23	
Benzo[a]pyrene	**ND**	0.013	EPA 8270E/SIM	9-8-23	9-8-23	U1
Indeno(1,2,3-c,d)pyrene	**ND**	0.0054	EPA 8270E/SIM	9-8-23	9-8-23	U1
Dibenz[a,h]anthracene	**ND**	0.0022	EPA 8270E/SIM	9-8-23	9-8-23	U1
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*71*	*39-111*				
Pyrene-d10	*79*	*47-114*				
Terphenyl-d14	*71*	*44-121*				

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Date of Report: September 18, 2023
Samples Submitted: August 29, 2023
Laboratory Reference: 2308-315B
Project: Star Forge UST Site Assessment

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0908S2					
Naphthalene	**ND**	0.0017	EPA 8270E/SIM	9-8-23	9-8-23	
2-Methylnaphthalene	**ND**	0.0017	EPA 8270E/SIM	9-8-23	9-8-23	
1-Methylnaphthalene	**ND**	0.0017	EPA 8270E/SIM	9-8-23	9-8-23	
Benzo[a]anthracene	**ND**	0.0017	EPA 8270E/SIM	9-8-23	9-8-23	
Chrysene	**ND**	0.0017	EPA 8270E/SIM	9-8-23	9-8-23	
Benzo[b]fluoranthene	**ND**	0.0017	EPA 8270E/SIM	9-8-23	9-8-23	
Benzo(j,k)fluoranthene	**ND**	0.0017	EPA 8270E/SIM	9-8-23	9-8-23	
Benzo[a]pyrene	**ND**	0.0017	EPA 8270E/SIM	9-8-23	9-8-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0017	EPA 8270E/SIM	9-8-23	9-8-23	
Dibenz[a,h]anthracene	**ND**	0.0017	EPA 8270E/SIM	9-8-23	9-8-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*74*	*39-111*				
Pyrene-d10	*81*	*47-114*				
Terphenyl-d14	*79*	*44-121*				

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Date of Report: September 18, 2023
Samples Submitted: August 29, 2023
Laboratory Reference: 2308-315B
Project: Star Forge UST Site Assessment

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0908S2									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.0624**	**0.0621**	0.0833	0.0833	75	75	57-116	0	16	
Acenaphthylene	**0.0671**	**0.0670**	0.0833	0.0833	81	80	59-124	0	15	
Acenaphthene	**0.0654**	**0.0656**	0.0833	0.0833	79	79	59-124	0	15	
Fluorene	**0.0655**	**0.0659**	0.0833	0.0833	79	79	62-122	1	15	
Phenanthrene	**0.0662**	**0.0662**	0.0833	0.0833	79	79	62-119	0	15	
Anthracene	**0.0674**	**0.0677**	0.0833	0.0833	81	81	64-123	0	15	
Fluoranthene	**0.0692**	**0.0701**	0.0833	0.0833	83	84	63-123	1	15	
Pyrene	**0.0672**	**0.0675**	0.0833	0.0833	81	81	62-124	0	15	
Benzo[a]anthracene	**0.0705**	**0.0709**	0.0833	0.0833	85	85	59-131	1	15	
Chrysene	**0.0701**	**0.0689**	0.0833	0.0833	84	83	61-124	2	15	
Benzo[b]fluoranthene	**0.0746**	**0.0711**	0.0833	0.0833	90	85	60-126	5	15	
Benzo(j,k)fluoranthene	**0.0712**	**0.0763**	0.0833	0.0833	85	92	63-121	7	17	
Benzo[a]pyrene	**0.0713**	**0.0712**	0.0833	0.0833	86	85	60-122	0	15	
Indeno(1,2,3-c,d)pyrene	**0.0649**	**0.0672**	0.0833	0.0833	78	81	58-127	3	15	
Dibenz[a,h]anthracene	**0.0715**	**0.0708**	0.0833	0.0833	86	85	60-124	1	15	
Benzo[g,h,i]perylene	**0.0678**	**0.0671**	0.0833	0.0833	81	81	58-124	1	15	
Surrogate:										
2-Fluorobiphenyl					*74*	*74*	*39-111*			
Pyrene-d10					*82*	*83*	*47-114*			
Terphenyl-d14					*79*	*79*	*44-121*			

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Date of Report: September 18, 2023
Samples Submitted: August 29, 2023
Laboratory Reference: 2308-315B
Project: Star Forge UST Site Assessment

PCBs EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-SS-17-5.0-082823**					
Laboratory ID:	08-315-01					
Aroclor 1016	**ND**	0.059	EPA 8082A	9-11-23	9-11-23	
Aroclor 1221	**ND**	0.059	EPA 8082A	9-11-23	9-11-23	
Aroclor 1232	**ND**	0.059	EPA 8082A	9-11-23	9-11-23	
Aroclor 1242	**ND**	0.059	EPA 8082A	9-11-23	9-11-23	
Aroclor 1248	**ND**	0.059	EPA 8082A	9-11-23	9-11-23	
Aroclor 1254	**0.16**	0.059	EPA 8082A	9-11-23	9-11-23	
Aroclor 1260	**0.11**	0.059	EPA 8082A	9-11-23	9-11-23	
Aroclor 1262	**ND**	0.059	EPA 8082A	9-11-23	9-11-23	
Aroclor 1268	**ND**	0.059	EPA 8082A	9-11-23	9-11-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*53*	*50-127*				
Client ID:	**NT-SS-18-5.0-082823**					
Laboratory ID:	08-315-02					
Aroclor 1016	**ND**	0.062	EPA 8082A	9-11-23	9-11-23	
Aroclor 1221	**ND**	0.062	EPA 8082A	9-11-23	9-11-23	
Aroclor 1232	**ND**	0.062	EPA 8082A	9-11-23	9-11-23	
Aroclor 1242	**ND**	0.062	EPA 8082A	9-11-23	9-11-23	
Aroclor 1248	**ND**	0.062	EPA 8082A	9-11-23	9-11-23	
Aroclor 1254	**0.084**	0.062	EPA 8082A	9-11-23	9-11-23	
Aroclor 1260	**ND**	0.062	EPA 8082A	9-11-23	9-11-23	
Aroclor 1262	**ND**	0.062	EPA 8082A	9-11-23	9-11-23	
Aroclor 1268	**ND**	0.062	EPA 8082A	9-11-23	9-11-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*62*	*50-127*				

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 18, 2023
Samples Submitted: August 29, 2023
Laboratory Reference: 2308-315B
Project: Star Forge UST Site Assessment

PCBs EPA 8082A
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0911S1					
Aroclor 1016	**ND**	0.050	EPA 8082A	9-11-23	9-11-23	
Aroclor 1221	**ND**	0.050	EPA 8082A	9-11-23	9-11-23	
Aroclor 1232	**ND**	0.050	EPA 8082A	9-11-23	9-11-23	
Aroclor 1242	**ND**	0.050	EPA 8082A	9-11-23	9-11-23	
Aroclor 1248	**ND**	0.050	EPA 8082A	9-11-23	9-11-23	
Aroclor 1254	**ND**	0.050	EPA 8082A	9-11-23	9-11-23	
Aroclor 1260	**ND**	0.050	EPA 8082A	9-11-23	9-11-23	
Aroclor 1262	**ND**	0.050	EPA 8082A	9-11-23	9-11-23	
Aroclor 1268	**ND**	0.050	EPA 8082A	9-11-23	9-11-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*90*	*50-127*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS											
Laboratory ID:	SB0911S1										
	SB	SBD	SB	SBD		SB	SBD				
Aroclor 1260	**0.404**	**0.428**	0.500	0.500	N/A	**81**	**86**	55-119	6	34	
Surrogate:											
DCB						*81*	*84*	*50-127*			

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Date of Report: September 18, 2023
Samples Submitted: August 29, 2023
Laboratory Reference: 2308-315B
Project: Star Forge UST Site Assessment

TOTAL METALS
EPA 6010D/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-SS-17-5.0-082823**					
Laboratory ID:	08-315-01					
Arsenic	**ND**	12	EPA 6010D	9-15-23	9-18-23	
Barium	**34**	2.9	EPA 6010D	9-15-23	9-18-23	
Cadmium	**ND**	0.59	EPA 6010D	9-15-23	9-18-23	
Chromium	**9.3**	0.59	EPA 6010D	9-15-23	9-18-23	
Copper	**20**	1.2	EPA 6010D	9-15-23	9-18-23	
Lead	**12**	5.9	EPA 6010D	9-15-23	9-18-23	
Mercury	**ND**	0.29	EPA 7471B	9-14-23	9-14-23	
Nickel	**18**	2.9	EPA 6010D	9-15-23	9-18-23	
Selenium	**ND**	12	EPA 6010D	9-15-23	9-18-23	
Silver	**ND**	1.2	EPA 6010D	9-15-23	9-18-23	
Zinc	**59**	2.9	EPA 6010D	9-15-23	9-18-23	
Client ID:	**NT-SS-18-5.0-082823**					
Laboratory ID:	08-315-02					
Arsenic	**ND**	12	EPA 6010D	9-15-23	9-18-23	
Barium	**28**	3.1	EPA 6010D	9-15-23	9-18-23	
Cadmium	**ND**	0.62	EPA 6010D	9-15-23	9-18-23	
Chromium	**7.7**	0.62	EPA 6010D	9-15-23	9-18-23	
Copper	**17**	1.2	EPA 6010D	9-15-23	9-18-23	
Lead	**ND**	6.2	EPA 6010D	9-15-23	9-18-23	
Mercury	**ND**	0.31	EPA 7471B	9-14-23	9-14-23	
Nickel	**9.4**	3.1	EPA 6010D	9-15-23	9-18-23	
Selenium	**ND**	12	EPA 6010D	9-15-23	9-18-23	
Silver	**ND**	1.2	EPA 6010D	9-15-23	9-18-23	
Zinc	**20**	3.1	EPA 6010D	9-15-23	9-18-23	

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Date of Report: September 18, 2023
Samples Submitted: August 29, 2023
Laboratory Reference: 2308-315B
Project: Star Forge UST Site Assessment

TOTAL METALS
EPA 6010D/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0915SM1					
Arsenic	**ND**	10	EPA 6010D	9-15-23	9-15-23	
Barium	**ND**	2.5	EPA 6010D	9-15-23	9-15-23	
Cadmium	**ND**	0.50	EPA 6010D	9-15-23	9-15-23	
Chromium	**ND**	0.50	EPA 6010D	9-15-23	9-15-23	
Copper	**ND**	1.0	EPA 6010D	9-15-23	9-15-23	
Lead	**ND**	5.0	EPA 6010D	9-15-23	9-15-23	
Nickel	**ND**	2.5	EPA 6010D	9-15-23	9-15-23	
Selenium	**ND**	10	EPA 6010D	9-15-23	9-15-23	
Silver	**ND**	1.0	EPA 6010D	9-15-23	9-15-23	
Zinc	**ND**	2.5	EPA 6010D	9-15-23	9-15-23	
Laboratory ID:	MB0914S1					
Mercury	**ND**	0.25	EPA 7471B	9-14-23	9-14-23	

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Date of Report: September 18, 2023
Samples Submitted: August 29, 2023
Laboratory Reference: 2308-315B
Project: Star Forge UST Site Assessment

TOTAL METALS
EPA 6010D/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	09-098-01										
	ORIG	DUP									
Arsenic	**10.1**	**13.0**	NA	NA		NA		NA	25	20	C
Barium	**63.1**	**55.3**	NA	NA		NA		NA	13	20	
Cadmium	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Chromium	**58.4**	**57.2**	NA	NA		NA		NA	2	20	
Copper	**21.8**	**18.9**	NA	NA		NA		NA	14	20	
Lead	**79.2**	**82.5**	NA	NA		NA		NA	4	20	
Nickel	**283**	**241**	NA	NA		NA		NA	16	20	
Selenium	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Silver	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Zinc	**166**	**164**	NA	NA		NA		NA	2	20	
Laboratory ID:	09-034-01										
Mercury	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	09-098-01										
	MS	MSD	MS	MSD		MS	MSD				
Arsenic	**95.9**	**96.7**	100	100	10.1	**86**	**87**	75-125	1	20	
Barium	**143**	**141**	100	100	63.1	**80**	**78**	75-125	1	20	
Cadmium	**41.0**	**40.3**	50.0	50.0	ND	**82**	**81**	75-125	2	20	
Chromium	**135**	**133**	100	100	58.4	**77**	**75**	75-125	1	20	
Copper	**63.3**	**66.8**	50.0	50.0	21.8	**83**	**90**	75-125	5	20	
Lead	**293**	**284**	250	250	79.2	**86**	**82**	75-125	3	20	
Nickel	**313**	**314**	100	100	283	**30**	**31**	75-125	0	20	V
Selenium	**82.9**	**82.6**	100	100	ND	**83**	**83**	75-125	0	20	
Silver	**21.8**	**21.3**	25.0	25.0	ND	**87**	**85**	75-125	2	20	
Zinc	**243**	**269**	100	100	166	**76**	**103**	75-125	10	20	
Laboratory ID:	09-034-01										
Mercury	**0.494**	**0.488**	0.500	0.500	0.0158	**96**	**94**	80-120	1	20	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 18, 2023
Samples Submitted: August 29, 2023
Laboratory Reference: 2308-315B
Project: Star Forge UST Site Assessment

% MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
NT-SS-17-5.0-082823	08-315-01	**15**	8-31-23
NT-SS-18-5.0-082823	08-315-02	**19**	8-31-23

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: DH Environmental
Project Number:
Project Name: Star Forge UST Site Assessment
Project Manager: N. Moxley
Sampled by: N. Moxley

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☐ Standard (7 Days)
☒ 5 Days (other)

Laboratory Number: 08-315

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (SG Clean-up☐)	Volatiles 8260 *See list	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level) cPAHs + Naphthalenes	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals + Cu, Ni, Zn	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664	% Moisture
1	NT-SS-17-5.0-082823	8/28/23	1200	S	5			X	X	X			X	X	X				X				X
2	NT-SS-18-5.0-082823		1330							X			X	X	X				X				X
3	NT-SS-19-5.0-082823		1340																				X
4	NT-SS-16-5.0-082823		1415																				X
5	NT-SS-15-5.0-082823		1425																				X
6	Trip Blank			W	3			X		X													

	Signature	Company	Date	Time
Relinquished		DHE	8/28/23	1800
Received	Nichelle Buffin	OSE	8/29/23	0830
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Please report to lowest possible limits, but please be advised of potentially elevated petroleum concentrations

* EDB, EDC, MTBE, BTEX, hVOCs
(X) Added 9/7/23. DB (STA)

Data Package: Standard ☒ Level III ☐ Level IV ☐

Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

September 8, 2023

Nathan Moxley
DH Environmental, Inc.
1011 SW Klickitat Way, Suite 107
Seattle, WA 98103

Re: Analytical Data for Project Jorgensen UST Site Assessment
Laboratory Reference No. 2308-357

Dear Nathan:

Enclosed are the analytical results and associated quality control data for samples submitted on August 31, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 8, 2023
Samples Submitted: August 31, 2023
Laboratory Reference: 2308-357
Project: Jorgensen UST Site Assessment

Case Narrative

Samples were collected on August 30, 2023 and received by the laboratory on August 31, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 8, 2023
Samples Submitted: August 31, 2023
Laboratory Reference: 2308-357
Project: Jorgensen UST Site Assessment

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-SS-20-5.0-083023**					
Laboratory ID:	08-357-01					
Gasoline	**ND**	5.2	NWTPH-Gx	9-1-23	9-1-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*92*	*65-126*				
Client ID:	**NT-SS-21-5.0-083023**					
Laboratory ID:	08-357-02					
Gasoline	**ND**	5.1	NWTPH-Gx	9-1-23	9-1-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*94*	*65-126*				
Client ID:	**NT-SS-22-5.0-083023**					
Laboratory ID:	08-357-03					
Gasoline	**ND**	5.3	NWTPH-Gx	9-1-23	9-1-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*96*	*65-126*				
Client ID:	**NT-SS-23-5.0-083023**					
Laboratory ID:	08-357-04					
Gasoline	**ND**	6.2	NWTPH-Gx	9-1-23	9-1-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*93*	*65-126*				
Client ID:	**NT-SS-14-5.0-083023**					
Laboratory ID:	08-357-05					
Gasoline Range Organics	**450**	5.0	NWTPH-Gx	9-1-23	9-1-23	O
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*86*	*65-126*				
Client ID:	**NT-SS-13-5.0-083023**					
Laboratory ID:	08-357-06					
Gasoline Range Organics	**100**	4.3	NWTPH-Gx	9-1-23	9-1-23	O
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*80*	*65-126*				
Client ID:	**NT-SS-12-5.0-083023**					
Laboratory ID:	08-357-07					
Gasoline	**ND**	5.6	NWTPH-Gx	9-1-23	9-1-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*95*	*65-126*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 8, 2023
Samples Submitted: August 31, 2023
Laboratory Reference: 2308-357
Project: Jorgensen UST Site Assessment

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-SS-11-5.0-083023**					
Laboratory ID:	08-357-08					
Gasoline	**ND**	7.2	NWTPH-Gx	9-1-23	9-1-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*91*	*65-126*				
Client ID:	**NT-SS-28-6.5-083023**					
Laboratory ID:	08-357-09					
Gasoline	**ND**	5.3	NWTPH-Gx	9-1-23	9-1-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*85*	*65-126*				
Client ID:	**NT-SS-27-6.5-083023**					
Laboratory ID:	08-357-10					
Gasoline	**ND**	7.7	NWTPH-Gx	9-1-23	9-1-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*93*	*65-126*				
Client ID:	**NT-SS-26-6.5-083023**					
Laboratory ID:	08-357-11					
Gasoline	**ND**	4.9	NWTPH-Gx	9-1-23	9-1-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*81*	*65-126*				
Client ID:	**ST-SS-3-8.5-083023**					
Laboratory ID:	08-357-12					
Gasoline	**ND**	56	NWTPH-Gx	9-1-23	9-1-23	U1
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*85*	*65-126*				
Client ID:	**ST-SS-4-8.5-083023**					
Laboratory ID:	08-357-13					
Gasoline	**ND**	5.8	NWTPH-Gx	9-1-23	9-1-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*80*	*65-126*				
Client ID:	**ST-SS-5-8.5-083023**					
Laboratory ID:	08-357-14					
Gasoline	**ND**	120	NWTPH-Gx	9-1-23	9-1-23	U1
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*70*	*65-126*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 8, 2023
Samples Submitted: August 31, 2023
Laboratory Reference: 2308-357
Project: Jorgensen UST Site Assessment

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**ST-SS-15-6.5-083023**					
Laboratory ID:	08-357-15					
Gasoline	**ND**	280	NWTPH-Gx	9-1-23	9-1-23	U1
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*97*	*65-126*				
Client ID:	**ST-SS-16-6.5-083023**					
Laboratory ID:	08-357-16					
Gasoline	**ND**	230	NWTPH-Gx	9-1-23	9-1-23	U1
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*84*	*65-126*				
Client ID:	**ST-SS-17-6.5-083023**					
Laboratory ID:	08-357-17					
Gasoline	**ND**	170	NWTPH-Gx	9-1-23	9-1-23	U1
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*78*	*65-126*				
Client ID:	**ST-SS-18-6.5-083023**					
Laboratory ID:	08-357-18					
Gasoline	**ND**	78	NWTPH-Gx	9-1-23	9-1-23	U1
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*84*	*65-126*				
Client ID:	**ST-SS-19-6.5-083023**					
Laboratory ID:	08-357-19					
Gasoline	**ND**	4.7	NWTPH-Gx	9-1-23	9-1-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*83*	*65-126*				
Client ID:	**ST-SS- 9-6.5-083023**					
Laboratory ID:	08-357-20					
Gasoline	**ND**	5.7	NWTPH-Gx	9-1-23	9-1-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*88*	*65-126*				
Client ID:	**ST-SS-10-6.5-083023**					
Laboratory ID:	08-357-21					
Gasoline	**ND**	7.1	NWTPH-Gx	9-1-23	9-1-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*92*	*65-126*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 8, 2023
Samples Submitted: August 31, 2023
Laboratory Reference: 2308-357
Project: Jorgensen UST Site Assessment

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**ST-SS-11-6.5-083023**					
Laboratory ID:	08-357-22					
Gasoline	**ND**	7.1	NWTPH-Gx	9-1-23	9-1-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*91*	*65-126*				
Client ID:	**ST-SS-12-6.5-083023**					
Laboratory ID:	08-357-23					
Gasoline	**ND**	6.6	NWTPH-Gx	9-1-23	9-1-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*85*	*65-126*				
Client ID:	**ST-SS-13-6.5-083023**					
Laboratory ID:	08-357-24					
Gasoline	**ND**	8.6	NWTPH-Gx	9-1-23	9-1-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*95*	*65-126*				
Client ID:	**ST-SS-14-6.5-083023**					
Laboratory ID:	08-357-25					
Gasoline	**ND**	6.8	NWTPH-Gx	9-1-23	9-1-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*90*	*65-126*				

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Date of Report: September 8, 2023
Samples Submitted: August 31, 2023
Laboratory Reference: 2308-357
Project: Jorgensen UST Site Assessment

GASOLINE RANGE ORGANICS
NWTPH-Gx
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0901S1					
Gasoline	**ND**	5.0	NWTPH-Gx	9-1-23	9-1-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*83*	*65-126*				
Laboratory ID:	MB0901S2					
Gasoline	**ND**	5.0	NWTPH-Gx	9-1-23	9-1-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*84*	*65-126*				
Laboratory ID:	MB0901S3					
Gasoline	**ND**	5.0	NWTPH-Gx	9-1-23	9-1-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*81*	*65-126*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	08-357-01										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*92*	*98*	*65-126*			
Laboratory ID:	08-357-02										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*94*	*93*	*65-126*			
Laboratory ID:	08-357-03										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*96*	*97*	*65-126*			

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Date of Report: September 8, 2023
Samples Submitted: August 31, 2023
Laboratory Reference: 2308-357
Project: Jorgensen UST Site Assessment

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Trip blank**					
Laboratory ID:	08-357-26					
Gasoline	**ND**	100	NWTPH-Gx	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*96*	*65-122*				

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Samples Submitted: August 31, 2023
Laboratory Reference: 2308-357
Project: Jorgensen UST Site Assessment

GASOLINE RANGE ORGANICS
NWTPH-Gx
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0905W1					
Gasoline	**ND**	100	NWTPH-Gx	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*89*	*65-122*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	08-353-01										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*90*	*86*	*65-122*			

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Date of Report: September 8, 2023
Samples Submitted: August 31, 2023
Laboratory Reference: 2308-357
Project: Jorgensen UST Site Assessment

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-SS-20-5.0-083023**					
Laboratory ID:	08-357-01					
Diesel Fuel #2	**96**	28	NWTPH-Dx	9-1-23	9-1-23	
Lube Oil Range Organics	**ND**	56	NWTPH-Dx	9-1-23	9-1-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*117*	*50-150*				
Client ID:	**NT-SS-21-5.0-083023**					
Laboratory ID:	08-357-02					
Diesel Range Organics	**ND**	30	NWTPH-Dx	9-1-23	9-2-23	
Lube Oil Range Organics	**ND**	59	NWTPH-Dx	9-1-23	9-2-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*106*	*50-150*				
Client ID:	**NT-SS-22-5.0-083023**					
Laboratory ID:	08-357-03					
Diesel Range Organics	**ND**	30	NWTPH-Dx	9-1-23	9-2-23	
Lube Oil Range Organics	**ND**	59	NWTPH-Dx	9-1-23	9-2-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*108*	*50-150*				
Client ID:	**NT-SS-23-5.0-083023**					
Laboratory ID:	08-357-04					
Diesel Range Organics	**ND**	33	NWTPH-Dx	9-1-23	9-2-23	
Lube Oil Range Organics	**ND**	65	NWTPH-Dx	9-1-23	9-2-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*107*	*50-150*				
Client ID:	**NT-SS-14-5.0-083023**					
Laboratory ID:	08-357-05					
Diesel Fuel #2	**4900**	690	NWTPH-Dx	9-1-23	9-6-23	N
Lube Oil	**33000**	1400	NWTPH-Dx	9-1-23	9-6-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*---*	*50-150*				S
Client ID:	**NT-SS-13-5.0-083023**					
Laboratory ID:	08-357-06					
Diesel Fuel #2	**4900**	1300	NWTPH-Dx	9-1-23	9-6-23	N
Lube Oil	**47000**	2700	NWTPH-Dx	9-1-23	9-6-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*---*	*50-150*				S

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Date of Report: September 8, 2023
Samples Submitted: August 31, 2023
Laboratory Reference: 2308-357
Project: Jorgensen UST Site Assessment

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-SS-12-5.0-083023**					
Laboratory ID:	08-357-07					
Diesel Range Organics	**ND**	28	NWTPH-Dx	9-1-23	9-2-23	
Lube Oil Range Organics	**ND**	56	NWTPH-Dx	9-1-23	9-2-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*100*	*50-150*				
Client ID:	**NT-SS-11-5.0-083023**					
Laboratory ID:	08-357-08					
Diesel Range Organics	**ND**	35	NWTPH-Dx	9-1-23	9-2-23	
Lube Oil Range Organics	**ND**	69	NWTPH-Dx	9-1-23	9-2-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*107*	*50-150*				
Client ID:	**NT-SS-28-6.5-083023**					
Laboratory ID:	08-357-09					
Diesel Range Organics	**ND**	29	NWTPH-Dx	9-1-23	9-2-23	
Lube Oil Range Organics	**ND**	58	NWTPH-Dx	9-1-23	9-2-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*100*	*50-150*				
Client ID:	**NT-SS-27-6.5-083023**					
Laboratory ID:	08-357-10					
Diesel Range Organics	**ND**	32	NWTPH-Dx	9-1-23	9-1-23	
Lube Oil	**120**	63	NWTPH-Dx	9-1-23	9-1-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*125*	*50-150*				
Client ID:	**NT-SS-26-6.5-083023**					
Laboratory ID:	08-357-11					
Diesel Range Organics	**ND**	28	NWTPH-Dx	9-1-23	9-2-23	
Lube Oil Range Organics	**ND**	56	NWTPH-Dx	9-1-23	9-2-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*130*	*50-150*				
Client ID:	**ST-SS-3-8.5-083023**					
Laboratory ID:	08-357-12					
Diesel Fuel #2	**330**	32	NWTPH-Dx	9-1-23	9-2-23	
Lube Oil Range Organics	**ND**	64	NWTPH-Dx	9-1-23	9-2-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*100*	*50-150*				

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Samples Submitted: August 31, 2023
Laboratory Reference: 2308-357
Project: Jorgensen UST Site Assessment

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**ST-SS-4-8.5-083023**					
Laboratory ID:	08-357-13					
Diesel Fuel #2	**130**	31	NWTPH-Dx	9-1-23	9-2-23	
Lube Oil Range Organics	**ND**	62	NWTPH-Dx	9-1-23	9-2-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*114*	*50-150*				
Client ID:	**ST-SS-5-8.5-083023**					
Laboratory ID:	08-357-14					
Diesel Fuel #2	**430**	29	NWTPH-Dx	9-1-23	9-1-23	
Lube Oil Range Organics	**ND**	57	NWTPH-Dx	9-1-23	9-1-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*124*	*50-150*				
Client ID:	**ST-SS-15-6.5-083023**					
Laboratory ID:	08-357-15					
Diesel Fuel #2	**15000**	130	NWTPH-Dx	9-1-23	9-6-23	
Lube Oil Range Organics	**ND**	740	NWTPH-Dx	9-1-23	9-6-23	U1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*146*	*50-150*				
Client ID:	**ST-SS-16-6.5-083023**					
Laboratory ID:	08-357-16					
Diesel Fuel #2	**6000**	130	NWTPH-Dx	9-1-23	9-6-23	
Lube Oil Range Organics	**ND**	710	NWTPH-Dx	9-1-23	9-6-23	U1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*134*	*50-150*				
Client ID:	**ST-SS-17-6.5-083023**					
Laboratory ID:	08-357-17					
Diesel Fuel #2	**18000**	270	NWTPH-Dx	9-1-23	9-6-23	
Lube Oil Range Organics	**ND**	1100	NWTPH-Dx	9-1-23	9-6-23	U1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*---*	*50-150*				S
Client ID:	**ST-SS-18-6.5-083023**					
Laboratory ID:	08-357-18					
Diesel Fuel #2	**2900**	27	NWTPH-Dx	9-1-23	9-2-23	
Lube Oil Range Organics	**ND**	190	NWTPH-Dx	9-1-23	9-2-23	U1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*140*	*50-150*				

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Samples Submitted: August 31, 2023
Laboratory Reference: 2308-357
Project: Jorgensen UST Site Assessment

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**ST-SS-19-6.5-083023**					
Laboratory ID:	08-357-19					
Diesel Range Organics	**ND**	28	NWTPH-Dx	9-1-23	9-2-23	
Lube Oil Range Organics	**ND**	56	NWTPH-Dx	9-1-23	9-2-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*92*	*50-150*				
Client ID:	**ST-SS- 9-6.5-083023**					
Laboratory ID:	08-357-20					
Diesel Range Organics	**ND**	33	NWTPH-Dx	9-1-23	9-2-23	
Lube Oil Range Organics	**ND**	66	NWTPH-Dx	9-1-23	9-2-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*85*	*50-150*				
Client ID:	**ST-SS-10-6.5-083023**					
Laboratory ID:	08-357-21					
Diesel Range Organics	**ND**	36	NWTPH-Dx	9-1-23	9-2-23	
Lube Oil Range Organics	**ND**	73	NWTPH-Dx	9-1-23	9-2-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*87*	*50-150*				
Client ID:	**ST-SS-11-6.5-083023**					
Laboratory ID:	08-357-22					
Diesel Range Organics	**38**	35	NWTPH-Dx	9-1-23	9-2-23	
Lube Oil Range Organics	**ND**	70	NWTPH-Dx	9-1-23	9-2-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*83*	*50-150*				
Client ID:	**ST-SS-12-6.5-083023**					
Laboratory ID:	08-357-23					
Diesel Range Organics	**ND**	32	NWTPH-Dx	9-1-23	9-2-23	
Lube Oil Range Organics	**ND**	63	NWTPH-Dx	9-1-23	9-2-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*75*	*50-150*				
Client ID:	**ST-SS-13-6.5-083023**					
Laboratory ID:	08-357-24					
Diesel Range Organics	**ND**	40	NWTPH-Dx	9-1-23	9-2-23	
Lube Oil Range Organics	**ND**	80	NWTPH-Dx	9-1-23	9-2-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*88*	*50-150*				

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Laboratory Reference: 2308-357
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DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**ST-SS-14-6.5-083023**					
Laboratory ID:	08-357-25					
Diesel Range Organics	**ND**	35	NWTPH-Dx	9-1-23	9-2-23	
Lube Oil Range Organics	**ND**	69	NWTPH-Dx	9-1-23	9-2-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*84*	*50-150*				

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Laboratory Reference: 2308-357
Project: Jorgensen UST Site Assessment

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0901S2					
Diesel Range Organics	**ND**	25	NWTPH-Dx	9-1-23	9-1-23	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	9-1-23	9-1-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*98*	*50-150*				
Laboratory ID:	MB0901S3					
Diesel Range Organics	**ND**	25	NWTPH-Dx	9-1-23	9-1-23	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	9-1-23	9-1-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*85*	*50-150*				

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DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	08-357-01										
	ORIG	DUP									
Diesel Fuel #2	**84.6**	**59.5**	NA	NA		NA		NA	35	40	
Lube Oil Range	**ND**	**ND**	NA	NA		NA		NA	NA	40	
Surrogate:											
o-Terphenyl						*117*	*101*	*50-150*			
Laboratory ID:	08-357-02										
	ORIG	DUP									
Diesel Range	**ND**	**ND**	NA	NA		NA		NA	NA	40	
Lube Oil Range	**ND**	**ND**	NA	NA		NA		NA	NA	40	
Surrogate:											
o-Terphenyl						*106*	*108*	*50-150*			
Laboratory ID:	08-357-21										
	ORIG	DUP									
Diesel Range	**ND**	**ND**	NA	NA		NA		NA	NA	40	
Lube Oil Range	**ND**	**ND**	NA	NA		NA		NA	NA	40	
Surrogate:											
o-Terphenyl						*58*	*87*	*50-150*			

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% MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
NT-SS-20-5.0-083023	08-357-01	**11**	9-5-23
NT-SS-21-5.0-083023	08-357-02	**15**	9-5-23
NT-SS-22-5.0-083023	08-357-03	**16**	9-5-23
NT-SS-23-5.0-083023	08-357-04	**24**	9-5-23
NT-SS-14-5.0-083023	08-357-05	**9**	9-5-23
NT-SS-13-5.0-083023	08-357-06	**7**	9-5-23
NT-SS-12-5.0-083023	08-357-07	**10**	9-5-23
NT-SS-11-5.0-083023	08-357-08	**28**	9-5-23
NT-SS-28-6.5-083023	08-357-09	**13**	9-5-23
NT-SS-27-6.5-083023	08-357-10	**21**	9-5-23
NT-SS-26-6.5-083023	08-357-11	**10**	9-5-23
ST-SS-3-8.5-083023	08-357-12	**22**	9-5-23
ST-SS-4-8.5-083023	08-357-13	**19**	9-5-23
ST-SS-5-8.5-083023	08-357-14	**12**	9-5-23
ST-SS-15-6.5-083023	08-357-15	**6**	9-5-23
ST-SS-16-6.5-083023	08-357-16	**6**	9-5-23
ST-SS-17-6.5-083023	08-357-17	**6**	9-5-23
ST-SS-18-6.5-083023	08-357-18	**6**	9-5-23
ST-SS-19-6.5-083023	08-357-19	**11**	9-5-23
ST-SS- 9-6.5-083023	08-357-20	**24**	9-5-23
ST-SS-10-6.5-083023	08-357-21	**31**	9-5-23
ST-SS-11-6.5-083023	08-357-22	**28**	9-5-23
ST-SS-12-6.5-083023	08-357-23	**21**	9-5-23
ST-SS-13-6.5-083023	08-357-24	**37**	9-5-23
ST-SS-14-6.5-083023	08-357-25	**27**	9-5-23

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: DH Environmental
Project Number:
Project Name: Jorgensen UST Site Assessment
Project Manager: N. Moxley
Sampled by: N. Moxley

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☐ Standard (7 Days)
☒ 5-day (other)

Laboratory Number: 08-357

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (SG Clean-up☐)	Volatiles 8260	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664					% Moisture
1	NT-SS-20-5.0-083023	8/30/23	1015	Soil	5			X	X																		X
2	NT-SS-21-5.0-083023		1025																								
3	NT-SS-22-5.0-083023		1030																								
4	NT-SS-23-5.0-083023		1040																								
5	NT-SS-14-5.0-083023		1005																								
6	NT-SS-13-5.0-083023		1000																								
7	NT-SS-12-5.0-083023		0955																								
8	NT-SS-11-5.0-083023		1045																								
9	NT-SS-28-6.5-083023		0945																								
10	NT-SS-27-6.5-083023		0935																								

	Signature	Company	Date	Time
Relinquished	[signature]	DHE	8-31-23	1216
Received	Nichelle Robbins	OSE	8/31/23	1216
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
- please report lowest possible reporting limits
- samples may have elevated petroleum concentrations

Data Package: Standard ☒ Level III ☐ Level IV ☐
Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: DH Environmental
Project Number:
Project Name: Jorgensen UST Site Assessment
Project Manager: N. Moxley
Sampled by: N. Moxley

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☐ Standard (7 Days)
☒ 5-day (other)

Laboratory Number: 08-357

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (SG Clean-up☐)	Volatiles 8260	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664					% Moisture
11	NT-SS-26-6.5-083023	8/30/23	0930	Soil	5			X	X																		X
12	ST-SS-3-8.5-083023		1220																								
13	ST-SS-4-8.5-083023		1225																								
14	ST-SS-5-8.5-083023		1235																								
15	ST-SS-15-6.5-083023		1250																								
16	ST-SS-16-6.5-083023		1300																								
17	ST-SS-17-6.5-083023		1310																								
18	ST-SS-18-6.5-083023		1320																								
19	ST-SS-19-6.5-083023		1330																								
20	ST-SS-9-6.5-083023		1210																								

	Signature	Company	Date	Time
Relinquished	[signature]	DHE	8-31-23	1216
Received	Nichelle Bolin	OSE	8/31/23	1214
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Data Package: Standard ☒ Level III ☐ Level IV ☐

Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

Chain of Custody

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Company: DH Environmental
Project Number:
Project Name: Jorgensen UST Site Assessment
Project Manager: N. Moxley
Sampled by: N. Moxley

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☐ Standard (7 Days)
☒ 5-day (other)

Laboratory Number: 08-357

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (SG Clean-up☐)	Volatiles 8260	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664					% Moisture
21	ST-SS-10-6.5-083023	8/30/23	1205	Soil	5			X	X																		X
22	ST-SS-11-6.5-083023	↓	1155	↓	↓			↓	↓																		↓
23	ST-SS-12-6.5-083023		1150																								
24	ST-SS-13-6.5-083023		1145																								
25	ST-SS-14-6.5-083023		1140					↓	↓																		
26	Trip blank	–	–	W	3			X																			

	Signature	Company	Date	Time
Relinquished	[signature]	DHE	8-31-23	1216
Received	Nichelle Bolin	OSE	8/31/23	1216
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Data Package: Standard ☒ Level III ☐ Level IV ☐

Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

September 22, 2023

Nathan Moxley
DH Environmental, Inc.
1011 SW Klickitat Way, Suite 107
Seattle, WA 98103

Re: Analytical Data for Project Jorgensen UST Site Assessment
Laboratory Reference No. 2308-357B

Dear Nathan:

Enclosed are the analytical results and associated quality control data for samples submitted on August 31, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 22, 2023
Samples Submitted: August 31, 2023
Laboratory Reference: 2308-357B
Project: Jorgensen UST Site Assessment

Case Narrative

Samples were collected on August 30, 2023 and received by the laboratory on August 31, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Volatiles EPA 8260D Analysis

Some MTCA Method A cleanup levels are not achievable for samples ST-SS-15-6.5-083023 and ST-SS-17-6.5-083023 due to the necessary dilution of these samples.

PAHs EPA 8270E/SIM Analysis

Sample ST-SS-15-6.5-083023 had one surrogate recovery outside of control limits. This is within allowance of our standard operating procedure as long as the recovery is above 10%.

PCBs EPA 8082A Analysis

Sample matrix effects caused the percent recovery for the surrogate DCB in the sample NT-SS-13-5.0-083023 (49%) to be below the quality control limits of 50-127%. All other QC associated with this sample batch was within limits. No further action was undertaken.

Total Metals EPA 6010D/7471B Analysis

The Matrix Spike/ Matrix Spike Duplicate recoveries for Chromium and Nickel are outside control limits due to matrix inhomogeneity. The Spike Blank recovery was 108% for Chromium and 111% for Nickel.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 22, 2023
Samples Submitted: August 31, 2023
Laboratory Reference: 2308-357B
Project: Jorgensen UST Site Assessment

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-SS-13-5.0-083023**					
Laboratory ID:	08-357-06					
Dichlorodifluoromethane	ND	0.0013	EPA 8260D	9-13-23	9-13-23	
Chloromethane	ND	0.0046	EPA 8260D	9-13-23	9-13-23	
Vinyl Chloride	ND	0.00092	EPA 8260D	9-13-23	9-13-23	
Bromomethane	ND	0.0058	EPA 8260D	9-13-23	9-13-23	
Chloroethane	ND	0.0046	EPA 8260D	9-13-23	9-13-23	
Trichlorofluoromethane	ND	0.00092	EPA 8260D	9-13-23	9-13-23	
1,1-Dichloroethene	ND	0.00092	EPA 8260D	9-13-23	9-13-23	
Iodomethane	ND	0.0046	EPA 8260D	9-13-23	9-13-23	
Methylene Chloride	ND	0.0046	EPA 8260D	9-13-23	9-13-23	
(trans) 1,2-Dichloroethene	ND	0.00092	EPA 8260D	9-13-23	9-13-23	
Methyl t-Butyl Ether	ND	0.00092	EPA 8260D	9-13-23	9-13-23	
1,1-Dichloroethane	ND	0.00092	EPA 8260D	9-13-23	9-13-23	
2,2-Dichloropropane	ND	0.00092	EPA 8260D	9-13-23	9-13-23	
(cis) 1,2-Dichloroethene	ND	0.00092	EPA 8260D	9-13-23	9-13-23	
Bromochloromethane	ND	0.00092	EPA 8260D	9-13-23	9-13-23	
Chloroform	ND	0.00092	EPA 8260D	9-13-23	9-13-23	
1,1,1-Trichloroethane	ND	0.00092	EPA 8260D	9-13-23	9-13-23	
Carbon Tetrachloride	ND	0.00092	EPA 8260D	9-13-23	9-13-23	
1,1-Dichloropropene	ND	0.00092	EPA 8260D	9-13-23	9-13-23	
Benzene	ND	0.00092	EPA 8260D	9-13-23	9-13-23	
1,2-Dichloroethane	ND	0.00092	EPA 8260D	9-13-23	9-13-23	
Trichloroethene	ND	0.00092	EPA 8260D	9-13-23	9-13-23	
1,2-Dichloropropane	ND	0.00092	EPA 8260D	9-13-23	9-13-23	
Dibromomethane	ND	0.00092	EPA 8260D	9-13-23	9-13-23	
Bromodichloromethane	ND	0.00092	EPA 8260D	9-13-23	9-13-23	
2-Chloroethyl Vinyl Ether	ND	0.0046	EPA 8260D	9-13-23	9-13-23	
(cis) 1,3-Dichloropropene	ND	0.00092	EPA 8260D	9-13-23	9-13-23	
Toluene	ND	0.0046	EPA 8260D	9-13-23	9-13-23	

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Date of Report: September 22, 2023
Samples Submitted: August 31, 2023
Laboratory Reference: 2308-357B
Project: Jorgensen UST Site Assessment

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-SS-13-5.0-083023**					
Laboratory ID:	08-357-06					
(trans) 1,3-Dichloropropene	ND	0.00092	EPA 8260D	9-13-23	9-13-23	
1,1,2-Trichloroethane	ND	0.00092	EPA 8260D	9-13-23	9-13-23	
Tetrachloroethene	ND	0.00092	EPA 8260D	9-13-23	9-13-23	
1,3-Dichloropropane	ND	0.00092	EPA 8260D	9-13-23	9-13-23	
Dibromochloromethane	ND	0.00092	EPA 8260D	9-13-23	9-13-23	
1,2-Dibromoethane	ND	0.00092	EPA 8260D	9-13-23	9-13-23	
Chlorobenzene	ND	0.00092	EPA 8260D	9-13-23	9-13-23	
1,1,1,2-Tetrachloroethane	ND	0.00092	EPA 8260D	9-13-23	9-13-23	
Ethylbenzene	ND	0.00092	EPA 8260D	9-13-23	9-13-23	
m,p-Xylene	0.0094	0.0018	EPA 8260D	9-13-23	9-13-23	
o-Xylene	0.0069	0.00092	EPA 8260D	9-13-23	9-13-23	
Bromoform	ND	0.0046	EPA 8260D	9-13-23	9-13-23	
Bromobenzene	ND	0.043	EPA 8260D	9-12-23	9-12-23	
1,1,2,2-Tetrachloroethane	ND	0.043	EPA 8260D	9-12-23	9-12-23	
1,2,3-Trichloropropane	ND	0.043	EPA 8260D	9-12-23	9-12-23	
2-Chlorotoluene	ND	0.043	EPA 8260D	9-12-23	9-12-23	
4-Chlorotoluene	ND	0.043	EPA 8260D	9-12-23	9-12-23	
1,3-Dichlorobenzene	ND	0.043	EPA 8260D	9-12-23	9-12-23	
1,4-Dichlorobenzene	ND	0.043	EPA 8260D	9-12-23	9-12-23	
1,2-Dichlorobenzene	ND	0.043	EPA 8260D	9-12-23	9-12-23	
1,2-Dibromo-3-chloropropane	ND	0.21	EPA 8260D	9-12-23	9-12-23	
1,2,4-Trichlorobenzene	ND	0.043	EPA 8260D	9-12-23	9-12-23	
Hexachlorobutadiene	ND	0.21	EPA 8260D	9-12-23	9-12-23	
1,2,3-Trichlorobenzene	ND	0.043	EPA 8260D	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*99*	*75-130*				
Toluene-d8	*95*	*78-128*				
4-Bromofluorobenzene	*76*	*71-130*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 22, 2023
Samples Submitted: August 31, 2023
Laboratory Reference: 2308-357B
Project: Jorgensen UST Site Assessment

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**ST-SS-15-6.5-083023**					
Laboratory ID:	08-357-15					
Dichlorodifluoromethane	ND	0.060	EPA 8260D	9-12-23	9-13-23	
Chloromethane	ND	0.21	EPA 8260D	9-12-23	9-13-23	
Vinyl Chloride	ND	0.043	EPA 8260D	9-12-23	9-13-23	
Bromomethane	ND	0.27	EPA 8260D	9-12-23	9-13-23	
Chloroethane	ND	0.21	EPA 8260D	9-12-23	9-13-23	
Trichlorofluoromethane	ND	0.043	EPA 8260D	9-12-23	9-13-23	
1,1-Dichloroethene	ND	0.043	EPA 8260D	9-12-23	9-13-23	
Iodomethane	ND	0.21	EPA 8260D	9-12-23	9-13-23	
Methylene Chloride	ND	0.21	EPA 8260D	9-12-23	9-13-23	
(trans) 1,2-Dichloroethene	ND	0.043	EPA 8260D	9-12-23	9-13-23	
Methyl t-Butyl Ether	ND	0.043	EPA 8260D	9-12-23	9-13-23	
1,1-Dichloroethane	ND	0.043	EPA 8260D	9-12-23	9-13-23	
2,2-Dichloropropane	ND	0.043	EPA 8260D	9-12-23	9-13-23	
(cis) 1,2-Dichloroethene	ND	0.043	EPA 8260D	9-12-23	9-13-23	
Bromochloromethane	ND	0.043	EPA 8260D	9-12-23	9-13-23	
Chloroform	ND	0.043	EPA 8260D	9-12-23	9-13-23	
1,1,1-Trichloroethane	ND	0.043	EPA 8260D	9-12-23	9-13-23	
Carbon Tetrachloride	ND	0.043	EPA 8260D	9-12-23	9-13-23	
1,1-Dichloropropene	ND	0.043	EPA 8260D	9-12-23	9-13-23	
Benzene	ND	0.043	EPA 8260D	9-12-23	9-13-23	
1,2-Dichloroethane	ND	0.043	EPA 8260D	9-12-23	9-13-23	
Trichloroethene	ND	0.043	EPA 8260D	9-12-23	9-13-23	
1,2-Dichloropropane	ND	0.043	EPA 8260D	9-12-23	9-13-23	
Dibromomethane	ND	0.043	EPA 8260D	9-12-23	9-13-23	
Bromodichloromethane	ND	0.043	EPA 8260D	9-12-23	9-13-23	
2-Chloroethyl Vinyl Ether	ND	0.21	EPA 8260D	9-12-23	9-13-23	
(cis) 1,3-Dichloropropene	ND	0.043	EPA 8260D	9-12-23	9-13-23	
Toluene	ND	0.21	EPA 8260D	9-12-23	9-13-23	

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Date of Report: September 22, 2023
Samples Submitted: August 31, 2023
Laboratory Reference: 2308-357B
Project: Jorgensen UST Site Assessment

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**ST-SS-15-6.5-083023**					
Laboratory ID:	08-357-15					
(trans) 1,3-Dichloropropene	ND	0.043	EPA 8260D	9-12-23	9-13-23	
1,1,2-Trichloroethane	ND	0.043	EPA 8260D	9-12-23	9-13-23	
Tetrachloroethene	ND	0.043	EPA 8260D	9-12-23	9-13-23	
1,3-Dichloropropane	ND	0.043	EPA 8260D	9-12-23	9-13-23	
Dibromochloromethane	ND	0.043	EPA 8260D	9-12-23	9-13-23	
1,2-Dibromoethane	ND	0.043	EPA 8260D	9-12-23	9-13-23	
Chlorobenzene	ND	0.043	EPA 8260D	9-12-23	9-13-23	
1,1,1,2-Tetrachloroethane	ND	0.043	EPA 8260D	9-12-23	9-13-23	
Ethylbenzene	0.085	0.043	EPA 8260D	9-12-23	9-13-23	
m,p-Xylene	0.48	0.085	EPA 8260D	9-12-23	9-13-23	
o-Xylene	0.25	0.043	EPA 8260D	9-12-23	9-13-23	
Bromoform	ND	0.21	EPA 8260D	9-12-23	9-13-23	
Bromobenzene	ND	0.043	EPA 8260D	9-12-23	9-13-23	
1,1,2,2-Tetrachloroethane	ND	0.043	EPA 8260D	9-12-23	9-13-23	
1,2,3-Trichloropropane	ND	0.043	EPA 8260D	9-12-23	9-13-23	
2-Chlorotoluene	ND	0.043	EPA 8260D	9-12-23	9-13-23	
4-Chlorotoluene	ND	0.043	EPA 8260D	9-12-23	9-13-23	
1,3-Dichlorobenzene	ND	0.043	EPA 8260D	9-12-23	9-13-23	
1,4-Dichlorobenzene	ND	0.043	EPA 8260D	9-12-23	9-13-23	
1,2-Dichlorobenzene	ND	0.043	EPA 8260D	9-12-23	9-13-23	
1,2-Dibromo-3-chloropropane	ND	0.21	EPA 8260D	9-12-23	9-13-23	
1,2,4-Trichlorobenzene	ND	0.043	EPA 8260D	9-12-23	9-13-23	
Hexachlorobutadiene	ND	0.21	EPA 8260D	9-12-23	9-13-23	
1,2,3-Trichlorobenzene	ND	0.043	EPA 8260D	9-12-23	9-13-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*95*	*75-130*				
Toluene-d8	*101*	*78-128*				
4-Bromofluorobenzene	*104*	*71-130*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 22, 2023
Samples Submitted: August 31, 2023
Laboratory Reference: 2308-357B
Project: Jorgensen UST Site Assessment

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**ST-SS-17-6.5-083023**					
Laboratory ID:	08-357-17					
Dichlorodifluoromethane	ND	0.061	EPA 8260D	9-12-23	9-13-23	
Chloromethane	ND	0.22	EPA 8260D	9-12-23	9-13-23	
Vinyl Chloride	ND	0.044	EPA 8260D	9-12-23	9-13-23	
Bromomethane	ND	0.28	EPA 8260D	9-12-23	9-13-23	
Chloroethane	ND	0.22	EPA 8260D	9-12-23	9-13-23	
Trichlorofluoromethane	ND	0.044	EPA 8260D	9-12-23	9-13-23	
1,1-Dichloroethene	ND	0.044	EPA 8260D	9-12-23	9-13-23	
Iodomethane	ND	0.22	EPA 8260D	9-12-23	9-13-23	
Methylene Chloride	ND	0.22	EPA 8260D	9-12-23	9-13-23	
(trans) 1,2-Dichloroethene	ND	0.044	EPA 8260D	9-12-23	9-13-23	
Methyl t-Butyl Ether	ND	0.044	EPA 8260D	9-12-23	9-13-23	
1,1-Dichloroethane	ND	0.044	EPA 8260D	9-12-23	9-13-23	
2,2-Dichloropropane	ND	0.044	EPA 8260D	9-12-23	9-13-23	
(cis) 1,2-Dichloroethene	ND	0.044	EPA 8260D	9-12-23	9-13-23	
Bromochloromethane	ND	0.044	EPA 8260D	9-12-23	9-13-23	
Chloroform	ND	0.044	EPA 8260D	9-12-23	9-13-23	
1,1,1-Trichloroethane	ND	0.044	EPA 8260D	9-12-23	9-13-23	
Carbon Tetrachloride	ND	0.044	EPA 8260D	9-12-23	9-13-23	
1,1-Dichloropropene	ND	0.044	EPA 8260D	9-12-23	9-13-23	
Benzene	ND	0.044	EPA 8260D	9-12-23	9-13-23	
1,2-Dichloroethane	ND	0.044	EPA 8260D	9-12-23	9-13-23	
Trichloroethene	ND	0.044	EPA 8260D	9-12-23	9-13-23	
1,2-Dichloropropane	ND	0.044	EPA 8260D	9-12-23	9-13-23	
Dibromomethane	ND	0.044	EPA 8260D	9-12-23	9-13-23	
Bromodichloromethane	ND	0.044	EPA 8260D	9-12-23	9-13-23	
2-Chloroethyl Vinyl Ether	ND	0.22	EPA 8260D	9-12-23	9-13-23	
(cis) 1,3-Dichloropropene	ND	0.044	EPA 8260D	9-12-23	9-13-23	
Toluene	ND	0.22	EPA 8260D	9-12-23	9-13-23	

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Date of Report: September 22, 2023
Samples Submitted: August 31, 2023
Laboratory Reference: 2308-357B
Project: Jorgensen UST Site Assessment

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**ST-SS-17-6.5-083023**					
Laboratory ID:	08-357-17					
(trans) 1,3-Dichloropropene	ND	0.044	EPA 8260D	9-12-23	9-13-23	
1,1,2-Trichloroethane	ND	0.044	EPA 8260D	9-12-23	9-13-23	
Tetrachloroethene	ND	0.044	EPA 8260D	9-12-23	9-13-23	
1,3-Dichloropropane	ND	0.044	EPA 8260D	9-12-23	9-13-23	
Dibromochloromethane	ND	0.044	EPA 8260D	9-12-23	9-13-23	
1,2-Dibromoethane	ND	0.044	EPA 8260D	9-12-23	9-13-23	
Chlorobenzene	ND	0.044	EPA 8260D	9-12-23	9-13-23	
1,1,1,2-Tetrachloroethane	ND	0.044	EPA 8260D	9-12-23	9-13-23	
Ethylbenzene	ND	0.044	EPA 8260D	9-12-23	9-13-23	
m,p-Xylene	ND	0.087	EPA 8260D	9-12-23	9-13-23	
o-Xylene	ND	0.044	EPA 8260D	9-12-23	9-13-23	
Bromoform	ND	0.22	EPA 8260D	9-12-23	9-13-23	
Bromobenzene	ND	0.044	EPA 8260D	9-12-23	9-13-23	
1,1,2,2-Tetrachloroethane	ND	0.044	EPA 8260D	9-12-23	9-13-23	
1,2,3-Trichloropropane	ND	0.044	EPA 8260D	9-12-23	9-13-23	
2-Chlorotoluene	ND	0.044	EPA 8260D	9-12-23	9-13-23	
4-Chlorotoluene	ND	0.044	EPA 8260D	9-12-23	9-13-23	
1,3-Dichlorobenzene	ND	0.044	EPA 8260D	9-12-23	9-13-23	
1,4-Dichlorobenzene	ND	0.044	EPA 8260D	9-12-23	9-13-23	
1,2-Dichlorobenzene	ND	0.044	EPA 8260D	9-12-23	9-13-23	
1,2-Dibromo-3-chloropropane	ND	0.22	EPA 8260D	9-12-23	9-13-23	
1,2,4-Trichlorobenzene	ND	0.044	EPA 8260D	9-12-23	9-13-23	
Hexachlorobutadiene	ND	0.22	EPA 8260D	9-12-23	9-13-23	
1,2,3-Trichlorobenzene	ND	0.044	EPA 8260D	9-12-23	9-13-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*92*	*75-130*				
Toluene-d8	*101*	*78-128*				
4-Bromofluorobenzene	*102*	*71-130*				

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Date of Report: September 22, 2023
Samples Submitted: August 31, 2023
Laboratory Reference: 2308-357B
Project: Jorgensen UST Site Assessment

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0912S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Chloromethane	ND	0.0050	EPA 8260D	9-12-23	9-12-23	
Vinyl Chloride	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Bromomethane	ND	0.0050	EPA 8260D	9-12-23	9-12-23	
Chloroethane	ND	0.0050	EPA 8260D	9-12-23	9-12-23	
Trichlorofluoromethane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
1,1-Dichloroethene	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Iodomethane	ND	0.0050	EPA 8260D	9-12-23	9-12-23	
Methylene Chloride	ND	0.011	EPA 8260D	9-12-23	9-12-23	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
1,1-Dichloroethane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
2,2-Dichloropropane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Bromochloromethane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Chloroform	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Carbon Tetrachloride	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
1,1-Dichloropropene	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Benzene	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
1,2-Dichloroethane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Trichloroethene	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
1,2-Dichloropropane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Dibromomethane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Bromodichloromethane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260D	9-12-23	9-12-23	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Toluene	ND	0.0050	EPA 8260D	9-12-23	9-12-23	

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Date of Report: September 22, 2023
Samples Submitted: August 31, 2023
Laboratory Reference: 2308-357B
Project: Jorgensen UST Site Assessment

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QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0912S1					
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
1,1,2-Trichloroethane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Tetrachloroethene	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
1,3-Dichloropropane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Dibromochloromethane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
1,2-Dibromoethane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Chlorobenzene	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Ethylbenzene	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
m,p-Xylene	ND	0.0020	EPA 8260D	9-12-23	9-12-23	
o-Xylene	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Bromoform	ND	0.0050	EPA 8260D	9-12-23	9-12-23	
Bromobenzene	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
2-Chlorotoluene	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
4-Chlorotoluene	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260D	9-12-23	9-12-23	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Hexachlorobutadiene	ND	0.0050	EPA 8260D	9-12-23	9-12-23	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*94*	*75-130*				
Toluene-d8	*99*	*78-128*				
4-Bromofluorobenzene	*99*	*71-130*				

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Date of Report: September 22, 2023
Samples Submitted: August 31, 2023
Laboratory Reference: 2308-357B
Project: Jorgensen UST Site Assessment

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0913S1					
Dichlorodifluoromethane	ND	0.0014	EPA 8260D	9-13-23	9-13-23	
Chloromethane	ND	0.0050	EPA 8260D	9-13-23	9-13-23	
Vinyl Chloride	ND	0.0010	EPA 8260D	9-13-23	9-13-23	
Bromomethane	ND	0.0063	EPA 8260D	9-13-23	9-13-23	
Chloroethane	ND	0.0050	EPA 8260D	9-13-23	9-13-23	
Trichlorofluoromethane	ND	0.0010	EPA 8260D	9-13-23	9-13-23	
1,1-Dichloroethene	ND	0.0010	EPA 8260D	9-13-23	9-13-23	
Iodomethane	ND	0.0050	EPA 8260D	9-13-23	9-13-23	
Methylene Chloride	ND	0.0050	EPA 8260D	9-13-23	9-13-23	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	9-13-23	9-13-23	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260D	9-13-23	9-13-23	
1,1-Dichloroethane	ND	0.0010	EPA 8260D	9-13-23	9-13-23	
2,2-Dichloropropane	ND	0.0010	EPA 8260D	9-13-23	9-13-23	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	9-13-23	9-13-23	
Bromochloromethane	ND	0.0010	EPA 8260D	9-13-23	9-13-23	
Chloroform	ND	0.0010	EPA 8260D	9-13-23	9-13-23	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260D	9-13-23	9-13-23	
Carbon Tetrachloride	ND	0.0010	EPA 8260D	9-13-23	9-13-23	
1,1-Dichloropropene	ND	0.0010	EPA 8260D	9-13-23	9-13-23	
Benzene	ND	0.0010	EPA 8260D	9-13-23	9-13-23	
1,2-Dichloroethane	ND	0.0010	EPA 8260D	9-13-23	9-13-23	
Trichloroethene	ND	0.0010	EPA 8260D	9-13-23	9-13-23	
1,2-Dichloropropane	ND	0.0010	EPA 8260D	9-13-23	9-13-23	
Dibromomethane	ND	0.0010	EPA 8260D	9-13-23	9-13-23	
Bromodichloromethane	ND	0.0010	EPA 8260D	9-13-23	9-13-23	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260D	9-13-23	9-13-23	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	9-13-23	9-13-23	
Toluene	ND	0.0050	EPA 8260D	9-13-23	9-13-23	

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Samples Submitted: August 31, 2023
Laboratory Reference: 2308-357B
Project: Jorgensen UST Site Assessment

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QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0913S1					
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	9-13-23	9-13-23	
1,1,2-Trichloroethane	ND	0.0010	EPA 8260D	9-13-23	9-13-23	
Tetrachloroethene	ND	0.0010	EPA 8260D	9-13-23	9-13-23	
1,3-Dichloropropane	ND	0.0010	EPA 8260D	9-13-23	9-13-23	
Dibromochloromethane	ND	0.0010	EPA 8260D	9-13-23	9-13-23	
1,2-Dibromoethane	ND	0.0010	EPA 8260D	9-13-23	9-13-23	
Chlorobenzene	ND	0.0010	EPA 8260D	9-13-23	9-13-23	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260D	9-13-23	9-13-23	
Ethylbenzene	ND	0.0010	EPA 8260D	9-13-23	9-13-23	
m,p-Xylene	ND	0.0020	EPA 8260D	9-13-23	9-13-23	
o-Xylene	ND	0.0010	EPA 8260D	9-13-23	9-13-23	
Bromoform	ND	0.0050	EPA 8260D	9-13-23	9-13-23	
Bromobenzene	ND	0.0010	EPA 8260D	9-13-23	9-13-23	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260D	9-13-23	9-13-23	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260D	9-13-23	9-13-23	
2-Chlorotoluene	ND	0.0010	EPA 8260D	9-13-23	9-13-23	
4-Chlorotoluene	ND	0.0010	EPA 8260D	9-13-23	9-13-23	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260D	9-13-23	9-13-23	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260D	9-13-23	9-13-23	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260D	9-13-23	9-13-23	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260D	9-13-23	9-13-23	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260D	9-13-23	9-13-23	
Hexachlorobutadiene	ND	0.0050	EPA 8260D	9-13-23	9-13-23	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260D	9-13-23	9-13-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*92*	*75-130*				
Toluene-d8	*100*	*78-128*				
4-Bromofluorobenzene	*104*	*71-130*				

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Date of Report: September 22, 2023
Samples Submitted: August 31, 2023
Laboratory Reference: 2308-357B
Project: Jorgensen UST Site Assessment

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Matrix: Soil
Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0912S1									
	SB	SBD	SB	SBD	SB	SBD				
Dichlorodifluoromethane	**0.0426**	**0.0385**	0.0500	0.0500	85	77	30-160	10	26	
Chloromethane	**0.0460**	**0.0428**	0.0500	0.0500	92	86	59-131	7	26	
Vinyl Chloride	**0.0492**	**0.0468**	0.0500	0.0500	98	94	68-136	5	23	
Bromomethane	**0.0486**	**0.0456**	0.0500	0.0500	97	91	48-155	6	32	
Chloroethane	**0.0511**	**0.0482**	0.0500	0.0500	102	96	67-141	6	16	
Trichlorofluoromethane	**0.0507**	**0.0481**	0.0500	0.0500	101	96	76-127	5	19	
1,1-Dichloroethene	**0.0545**	**0.0501**	0.0500	0.0500	109	100	75-129	8	19	
Iodomethane	**0.0411**	**0.0417**	0.0500	0.0500	82	83	37-140	1	27	
Methylene Chloride	**0.0462**	**0.0446**	0.0500	0.0500	92	89	60-124	4	18	
(trans) 1,2-Dichloroethene	**0.0513**	**0.0496**	0.0500	0.0500	103	99	79-133	3	15	
Methyl t-Butyl Ether	**0.0504**	**0.0488**	0.0500	0.0500	101	98	73-125	3	17	
1,1-Dichloroethane	**0.0515**	**0.0497**	0.0500	0.0500	103	99	79-125	4	17	
2,2-Dichloropropane	**0.0531**	**0.0529**	0.0500	0.0500	106	106	79-126	0	18	
(cis) 1,2-Dichloroethene	**0.0538**	**0.0518**	0.0500	0.0500	108	104	75-131	4	15	
Bromochloromethane	**0.0499**	**0.0491**	0.0500	0.0500	100	98	80-126	2	15	
Chloroform	**0.0530**	**0.0513**	0.0500	0.0500	106	103	80-123	3	15	
1,1,1-Trichloroethane	**0.0523**	**0.0506**	0.0500	0.0500	105	101	78-124	3	21	
Carbon Tetrachloride	**0.0520**	**0.0484**	0.0500	0.0500	104	97	74-127	7	18	
1,1-Dichloropropene	**0.0520**	**0.0483**	0.0500	0.0500	104	97	80-123	7	15	
Benzene	**0.0517**	**0.0501**	0.0500	0.0500	103	100	80-122	3	18	
1,2-Dichloroethane	**0.0518**	**0.0510**	0.0500	0.0500	104	102	75-124	2	15	
Trichloroethene	**0.0570**	**0.0529**	0.0500	0.0500	114	106	80-129	7	18	
1,2-Dichloropropane	**0.0538**	**0.0538**	0.0500	0.0500	108	108	80-123	0	15	
Dibromomethane	**0.0532**	**0.0529**	0.0500	0.0500	106	106	80-123	1	15	
Bromodichloromethane	**0.0561**	**0.0546**	0.0500	0.0500	112	109	80-129	3	15	
(cis) 1,3-Dichloropropene	**0.0577**	**0.0564**	0.0500	0.0500	115	113	80-130	2	15	
Toluene	**0.0532**	**0.0511**	0.0500	0.0500	106	102	80-120	4	18	
(trans) 1,3-Dichloropropene	**0.0573**	**0.0564**	0.0500	0.0500	115	113	80-124	2	15	

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Date of Report: September 22, 2023
Samples Submitted: August 31, 2023
Laboratory Reference: 2308-357B
Project: Jorgensen UST Site Assessment

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0912S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1,2-Trichloroethane	**0.0528**	**0.0520**	0.0500	0.0500	106	104	80-120	2	15	
Tetrachloroethene	**0.0587**	**0.0556**	0.0500	0.0500	117	111	77-126	5	15	
1,3-Dichloropropane	**0.0535**	**0.0522**	0.0500	0.0500	107	104	77-123	2	15	
Dibromochloromethane	**0.0577**	**0.0567**	0.0500	0.0500	115	113	80-128	2	16	
1,2-Dibromoethane	**0.0534**	**0.0531**	0.0500	0.0500	107	106	80-122	1	20	
Chlorobenzene	**0.0569**	**0.0548**	0.0500	0.0500	114	110	80-120	4	18	
1,1,1,2-Tetrachloroethane	**0.0582**	**0.0554**	0.0500	0.0500	116	111	80-120	5	15	
Ethylbenzene	**0.0555**	**0.0531**	0.0500	0.0500	111	106	80-120	4	15	
m,p-Xylene	**0.116**	**0.111**	0.100	0.100	116	111	80-120	4	15	
o-Xylene	**0.0562**	**0.0546**	0.0500	0.0500	112	109	80-120	3	15	
Bromoform	**0.0561**	**0.0554**	0.0500	0.0500	112	111	78-126	1	15	
Bromobenzene	**0.0559**	**0.0535**	0.0500	0.0500	112	107	79-124	4	15	
1,1,2,2-Tetrachloroethane	**0.0528**	**0.0529**	0.0500	0.0500	106	106	75-122	0	17	
1,2,3-Trichloropropane	**0.0504**	**0.0508**	0.0500	0.0500	101	102	72-125	1	20	
2-Chlorotoluene	**0.0589**	**0.0570**	0.0500	0.0500	118	114	75-128	3	15	
4-Chlorotoluene	**0.0582**	**0.0558**	0.0500	0.0500	116	112	78-127	4	16	
1,3-Dichlorobenzene	**0.0581**	**0.0559**	0.0500	0.0500	116	112	78-123	4	17	
1,4-Dichlorobenzene	**0.0592**	**0.0563**	0.0500	0.0500	118	113	77-121	5	17	
1,2-Dichlorobenzene	**0.0562**	**0.0542**	0.0500	0.0500	112	108	80-120	4	15	
1,2-Dibromo-3-chloropropane	**0.0521**	**0.0520**	0.0500	0.0500	104	104	61-137	0	28	
1,2,4-Trichlorobenzene	**0.0606**	**0.0576**	0.0500	0.0500	121	115	77-127	5	17	
Hexachlorobutadiene	**0.0596**	**0.0562**	0.0500	0.0500	119	112	77-125	6	22	
1,2,3-Trichlorobenzene	**0.0598**	**0.0572**	0.0500	0.0500	120	114	77-124	4	19	
Surrogate:										
Dibromofluoromethane					*95*	*92*	*75-130*			
Toluene-d8					*98*	*99*	*78-128*			
4-Bromofluorobenzene					*99*	*99*	*71-130*			

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Date of Report: September 22, 2023
Samples Submitted: August 31, 2023
Laboratory Reference: 2308-357B
Project: Jorgensen UST Site Assessment

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Matrix: Soil
Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0913S1									
	SB	SBD	SB	SBD	SB	SBD				
Dichlorodifluoromethane	**0.0357**	**0.0328**	0.0500	0.0500	71	66	30-160	8	26	
Chloromethane	**0.0403**	**0.0370**	0.0500	0.0500	81	74	59-131	9	26	
Vinyl Chloride	**0.0450**	**0.0430**	0.0500	0.0500	90	86	68-136	5	23	
Bromomethane	**0.0395**	**0.0407**	0.0500	0.0500	79	81	48-155	3	32	
Chloroethane	**0.0472**	**0.0427**	0.0500	0.0500	94	85	67-141	10	16	
Trichlorofluoromethane	**0.0472**	**0.0454**	0.0500	0.0500	94	91	76-127	4	19	
1,1-Dichloroethene	**0.0496**	**0.0485**	0.0500	0.0500	99	97	75-129	2	19	
Iodomethane	**0.0442**	**0.0422**	0.0500	0.0500	88	84	37-140	5	27	
Methylene Chloride	**0.0439**	**0.0452**	0.0500	0.0500	88	90	60-124	3	18	
(trans) 1,2-Dichloroethene	**0.0487**	**0.0473**	0.0500	0.0500	97	95	79-133	3	15	
Methyl t-Butyl Ether	**0.0512**	**0.0507**	0.0500	0.0500	102	101	73-125	1	17	
1,1-Dichloroethane	**0.0506**	**0.0483**	0.0500	0.0500	101	97	79-125	5	17	
2,2-Dichloropropane	**0.0510**	**0.0493**	0.0500	0.0500	102	99	79-126	3	18	
(cis) 1,2-Dichloroethene	**0.0509**	**0.0488**	0.0500	0.0500	102	98	75-131	4	15	
Bromochloromethane	**0.0510**	**0.0507**	0.0500	0.0500	102	101	80-126	1	15	
Chloroform	**0.0497**	**0.0505**	0.0500	0.0500	99	101	80-123	2	15	
1,1,1-Trichloroethane	**0.0505**	**0.0490**	0.0500	0.0500	101	98	78-124	3	21	
Carbon Tetrachloride	**0.0496**	**0.0482**	0.0500	0.0500	99	96	74-127	3	18	
1,1-Dichloropropene	**0.0487**	**0.0477**	0.0500	0.0500	97	95	80-123	2	15	
Benzene	**0.0494**	**0.0489**	0.0500	0.0500	99	98	80-122	1	18	
1,2-Dichloroethane	**0.0522**	**0.0525**	0.0500	0.0500	104	105	75-124	1	15	
Trichloroethene	**0.0521**	**0.0535**	0.0500	0.0500	104	107	80-129	3	18	
1,2-Dichloropropane	**0.0538**	**0.0526**	0.0500	0.0500	108	105	80-123	2	15	
Dibromomethane	**0.0556**	**0.0566**	0.0500	0.0500	111	113	80-123	2	15	
Bromodichloromethane	**0.0558**	**0.0540**	0.0500	0.0500	112	108	80-129	3	15	
(cis) 1,3-Dichloropropene	**0.0584**	**0.0570**	0.0500	0.0500	117	114	80-130	2	15	
Toluene	**0.0525**	**0.0507**	0.0500	0.0500	105	101	80-120	3	18	
(trans) 1,3-Dichloropropene	**0.0575**	**0.0572**	0.0500	0.0500	115	114	80-124	1	15	

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Date of Report: September 22, 2023
Samples Submitted: August 31, 2023
Laboratory Reference: 2308-357B
Project: Jorgensen UST Site Assessment

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0913S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1,2-Trichloroethane	**0.0542**	**0.0540**	0.0500	0.0500	108	108	80-120	0	15	
Tetrachloroethene	**0.0547**	**0.0531**	0.0500	0.0500	109	106	77-126	3	15	
1,3-Dichloropropane	**0.0549**	**0.0537**	0.0500	0.0500	110	107	77-123	2	15	
Dibromochloromethane	**0.0583**	**0.0588**	0.0500	0.0500	117	118	80-128	1	16	
1,2-Dibromoethane	**0.0566**	**0.0562**	0.0500	0.0500	113	112	80-122	1	20	
Chlorobenzene	**0.0552**	**0.0536**	0.0500	0.0500	110	107	80-120	3	18	
1,1,1,2-Tetrachloroethane	**0.0575**	**0.0555**	0.0500	0.0500	115	111	80-120	4	15	
Ethylbenzene	**0.0533**	**0.0522**	0.0500	0.0500	107	104	80-120	2	15	
m,p-Xylene	**0.112**	**0.108**	0.100	0.100	112	108	80-120	4	15	
o-Xylene	**0.0553**	**0.0533**	0.0500	0.0500	111	107	80-120	4	15	
Bromoform	**0.0609**	**0.0607**	0.0500	0.0500	122	121	78-126	0	15	
Bromobenzene	**0.0526**	**0.0525**	0.0500	0.0500	105	105	79-124	0	15	
1,1,2,2-Tetrachloroethane	**0.0555**	**0.0561**	0.0500	0.0500	111	112	75-122	1	17	
1,2,3-Trichloropropane	**0.0540**	**0.0558**	0.0500	0.0500	108	112	72-125	3	20	
2-Chlorotoluene	**0.0556**	**0.0528**	0.0500	0.0500	111	106	75-128	5	15	
4-Chlorotoluene	**0.0541**	**0.0526**	0.0500	0.0500	108	105	78-127	3	16	
1,3-Dichlorobenzene	**0.0549**	**0.0546**	0.0500	0.0500	110	109	78-123	1	17	
1,4-Dichlorobenzene	**0.0554**	**0.0550**	0.0500	0.0500	111	110	77-121	1	17	
1,2-Dichlorobenzene	**0.0548**	**0.0550**	0.0500	0.0500	110	110	80-120	0	15	
1,2-Dibromo-3-chloropropane	**0.0580**	**0.0634**	0.0500	0.0500	116	127	61-137	9	28	
1,2,4-Trichlorobenzene	**0.0565**	**0.0572**	0.0500	0.0500	113	114	77-127	1	17	
Hexachlorobutadiene	**0.0570**	**0.0550**	0.0500	0.0500	114	110	77-125	4	22	
1,2,3-Trichlorobenzene	**0.0580**	**0.0584**	0.0500	0.0500	116	117	77-124	1	19	
Surrogate:										
Dibromofluoromethane					*92*	*95*	*75-130*			
Toluene-d8					*100*	*97*	*78-128*			
4-Bromofluorobenzene					*102*	*104*	*71-130*			

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Date of Report: September 22, 2023
Samples Submitted: August 31, 2023
Laboratory Reference: 2308-357B
Project: Jorgensen UST Site Assessment

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Trip blank**					
Laboratory ID:	08-357-26					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	9-12-23	9-12-23	
Chloromethane	ND	1.0	EPA 8260D	9-12-23	9-12-23	
Vinyl Chloride	ND	0.20	EPA 8260D	9-12-23	9-12-23	
Bromomethane	ND	1.4	EPA 8260D	9-12-23	9-12-23	
Chloroethane	ND	1.0	EPA 8260D	9-12-23	9-12-23	
Trichlorofluoromethane	ND	0.20	EPA 8260D	9-12-23	9-12-23	
1,1-Dichloroethene	ND	0.20	EPA 8260D	9-12-23	9-12-23	
Iodomethane	ND	9.6	EPA 8260D	9-12-23	9-12-23	
Methylene Chloride	ND	1.0	EPA 8260D	9-12-23	9-12-23	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-12-23	9-12-23	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	9-12-23	9-12-23	
1,1-Dichloroethane	ND	0.20	EPA 8260D	9-12-23	9-12-23	
2,2-Dichloropropane	ND	0.20	EPA 8260D	9-12-23	9-12-23	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-12-23	9-12-23	
Bromochloromethane	ND	0.20	EPA 8260D	9-12-23	9-12-23	
Chloroform	ND	0.20	EPA 8260D	9-12-23	9-12-23	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	9-12-23	9-12-23	
Carbon Tetrachloride	ND	0.20	EPA 8260D	9-12-23	9-12-23	
1,1-Dichloropropene	ND	0.20	EPA 8260D	9-12-23	9-12-23	
Benzene	ND	0.20	EPA 8260D	9-12-23	9-12-23	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-12-23	9-12-23	
Trichloroethene	ND	0.20	EPA 8260D	9-12-23	9-12-23	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-12-23	9-12-23	
Dibromomethane	ND	0.20	EPA 8260D	9-12-23	9-12-23	
Bromodichloromethane	ND	0.20	EPA 8260D	9-12-23	9-12-23	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-12-23	9-12-23	
Toluene	ND	1.0	EPA 8260D	9-12-23	9-12-23	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-12-23	9-12-23	

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Date of Report: September 22, 2023
Samples Submitted: August 31, 2023
Laboratory Reference: 2308-357B
Project: Jorgensen UST Site Assessment

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Trip blank**					
Laboratory ID:	08-357-26					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-12-23	9-12-23	
Tetrachloroethene	ND	0.20	EPA 8260D	9-12-23	9-12-23	
1,3-Dichloropropane	ND	0.20	EPA 8260D	9-12-23	9-12-23	
Dibromochloromethane	ND	0.20	EPA 8260D	9-12-23	9-12-23	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-12-23	9-12-23	
Chlorobenzene	ND	0.20	EPA 8260D	9-12-23	9-12-23	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-12-23	9-12-23	
Ethylbenzene	ND	0.20	EPA 8260D	9-12-23	9-12-23	
m,p-Xylene	ND	0.40	EPA 8260D	9-12-23	9-12-23	
o-Xylene	ND	0.20	EPA 8260D	9-12-23	9-12-23	
Bromoform	ND	1.0	EPA 8260D	9-12-23	9-12-23	
Bromobenzene	ND	0.20	EPA 8260D	9-12-23	9-12-23	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-12-23	9-12-23	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	9-12-23	9-12-23	
2-Chlorotoluene	ND	0.20	EPA 8260D	9-12-23	9-12-23	
4-Chlorotoluene	ND	0.20	EPA 8260D	9-12-23	9-12-23	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	9-12-23	9-12-23	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	9-12-23	9-12-23	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	9-12-23	9-12-23	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	9-12-23	9-12-23	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	9-12-23	9-12-23	
Hexachlorobutadiene	ND	1.0	EPA 8260D	9-12-23	9-12-23	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*81*	*75-127*				
Toluene-d8	*92*	*80-127*				
4-Bromofluorobenzene	*101*	*78-125*				

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Date of Report: September 22, 2023
Samples Submitted: August 31, 2023
Laboratory Reference: 2308-357B
Project: Jorgensen UST Site Assessment

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0912W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	9-12-23	9-12-23	
Chloromethane	ND	1.0	EPA 8260D	9-12-23	9-12-23	
Vinyl Chloride	ND	0.20	EPA 8260D	9-12-23	9-12-23	
Bromomethane	ND	1.4	EPA 8260D	9-12-23	9-12-23	
Chloroethane	ND	1.0	EPA 8260D	9-12-23	9-12-23	
Trichlorofluoromethane	ND	0.20	EPA 8260D	9-12-23	9-12-23	
1,1-Dichloroethene	ND	0.20	EPA 8260D	9-12-23	9-12-23	
Iodomethane	ND	9.6	EPA 8260D	9-12-23	9-12-23	
Methylene Chloride	ND	1.0	EPA 8260D	9-12-23	9-12-23	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-12-23	9-12-23	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	9-12-23	9-12-23	
1,1-Dichloroethane	ND	0.20	EPA 8260D	9-12-23	9-12-23	
2,2-Dichloropropane	ND	0.20	EPA 8260D	9-12-23	9-12-23	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-12-23	9-12-23	
Bromochloromethane	ND	0.20	EPA 8260D	9-12-23	9-12-23	
Chloroform	ND	0.20	EPA 8260D	9-12-23	9-12-23	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	9-12-23	9-12-23	
Carbon Tetrachloride	ND	0.20	EPA 8260D	9-12-23	9-12-23	
1,1-Dichloropropene	ND	0.20	EPA 8260D	9-12-23	9-12-23	
Benzene	ND	0.20	EPA 8260D	9-12-23	9-12-23	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-12-23	9-12-23	
Trichloroethene	ND	0.20	EPA 8260D	9-12-23	9-12-23	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-12-23	9-12-23	
Dibromomethane	ND	0.20	EPA 8260D	9-12-23	9-12-23	
Bromodichloromethane	ND	0.20	EPA 8260D	9-12-23	9-12-23	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-12-23	9-12-23	
Toluene	ND	1.0	EPA 8260D	9-12-23	9-12-23	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-12-23	9-12-23	

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Date of Report: September 22, 2023
Samples Submitted: August 31, 2023
Laboratory Reference: 2308-357B
Project: Jorgensen UST Site Assessment

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QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0912W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-12-23	9-12-23	
Tetrachloroethene	ND	0.20	EPA 8260D	9-12-23	9-12-23	
1,3-Dichloropropane	ND	0.20	EPA 8260D	9-12-23	9-12-23	
Dibromochloromethane	ND	0.20	EPA 8260D	9-12-23	9-12-23	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-12-23	9-12-23	
Chlorobenzene	ND	0.20	EPA 8260D	9-12-23	9-12-23	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-12-23	9-12-23	
Ethylbenzene	ND	0.20	EPA 8260D	9-12-23	9-12-23	
m,p-Xylene	ND	0.40	EPA 8260D	9-12-23	9-12-23	
o-Xylene	ND	0.20	EPA 8260D	9-12-23	9-12-23	
Bromoform	ND	1.0	EPA 8260D	9-12-23	9-12-23	
Bromobenzene	ND	0.20	EPA 8260D	9-12-23	9-12-23	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-12-23	9-12-23	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	9-12-23	9-12-23	
2-Chlorotoluene	ND	0.20	EPA 8260D	9-12-23	9-12-23	
4-Chlorotoluene	ND	0.20	EPA 8260D	9-12-23	9-12-23	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	9-12-23	9-12-23	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	9-12-23	9-12-23	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	9-12-23	9-12-23	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	9-12-23	9-12-23	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	9-12-23	9-12-23	
Hexachlorobutadiene	ND	1.0	EPA 8260D	9-12-23	9-12-23	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*81*	*75-127*				
Toluene-d8	*91*	*80-127*				
4-Bromofluorobenzene	*100*	*78-125*				

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Date of Report: September 22, 2023
Samples Submitted: August 31, 2023
Laboratory Reference: 2308-357B
Project: Jorgensen UST Site Assessment

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0912W1									
	SB	SBD	SB	SBD	SB	SBD				
Dichlorodifluoromethane	**8.42**	**7.07**	10.0	10.0	84	71	34-166	17	21	
Chloromethane	**9.40**	**8.82**	10.0	10.0	94	88	63-138	6	18	
Vinyl Chloride	**9.79**	**9.16**	10.0	10.0	98	92	71-135	7	20	
Bromomethane	**7.36**	**8.87**	10.0	10.0	74	89	20-151	19	36	
Chloroethane	**9.56**	**9.51**	10.0	10.0	96	95	76-125	1	20	
Trichlorofluoromethane	**9.07**	**8.84**	10.0	10.0	91	88	75-131	3	19	
1,1-Dichloroethene	**9.61**	**9.42**	10.0	10.0	96	94	78-125	2	19	
Iodomethane	**5.23**	**6.91**	10.0	10.0	52	69	10-155	28	40	
Methylene Chloride	**8.70**	**8.64**	10.0	10.0	87	86	80-120	1	15	
(trans) 1,2-Dichloroethene	**9.68**	**9.76**	10.0	10.0	97	98	80-125	1	17	
Methyl t-Butyl Ether	**8.85**	**9.03**	10.0	10.0	89	90	80-122	2	15	
1,1-Dichloroethane	**9.69**	**9.57**	10.0	10.0	97	96	80-125	1	17	
2,2-Dichloropropane	**10.9**	**10.9**	10.0	10.0	109	109	80-146	0	21	
(cis) 1,2-Dichloroethene	**9.79**	**9.89**	10.0	10.0	98	99	80-129	1	17	
Bromochloromethane	**9.60**	**9.61**	10.0	10.0	96	96	80-125	0	18	
Chloroform	**9.60**	**9.57**	10.0	10.0	96	96	80-123	0	16	
1,1,1-Trichloroethane	**9.23**	**9.18**	10.0	10.0	92	92	80-123	1	18	
Carbon Tetrachloride	**9.45**	**9.48**	10.0	10.0	95	95	80-126	0	17	
1,1-Dichloropropene	**8.93**	**9.29**	10.0	10.0	89	93	80-126	4	18	
Benzene	**9.59**	**9.38**	10.0	10.0	96	94	80-121	2	16	
1,2-Dichloroethane	**9.86**	**9.90**	10.0	10.0	99	99	80-124	0	15	
Trichloroethene	**9.88**	**9.71**	10.0	10.0	99	97	80-122	2	18	
1,2-Dichloropropane	**10.3**	**10.0**	10.0	10.0	103	100	80-123	3	15	
Dibromomethane	**10.0**	**9.66**	10.0	10.0	100	97	80-123	3	15	
Bromodichloromethane	**10.6**	**10.4**	10.0	10.0	106	104	80-125	2	15	
(cis) 1,3-Dichloropropene	**11.0**	**10.8**	10.0	10.0	110	108	80-129	2	15	
Toluene	**9.45**	**8.92**	10.0	10.0	95	89	80-120	6	18	
(trans) 1,3-Dichloropropene	**9.36**	**9.74**	10.0	10.0	94	97	80-134	4	17	

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Date of Report: September 22, 2023
Samples Submitted: August 31, 2023
Laboratory Reference: 2308-357B
Project: Jorgensen UST Site Assessment

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 2 of 2

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0912W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1,2-Trichloroethane	**9.63**	**9.92**	10.0	10.0	96	99	77-126	3	20	
Tetrachloroethene	**10.4**	**10.3**	10.0	10.0	104	103	80-124	1	18	
1,3-Dichloropropane	**9.40**	**9.71**	10.0	10.0	94	97	80-120	3	15	
Dibromochloromethane	**10.4**	**10.4**	10.0	10.0	104	104	80-128	0	15	
1,2-Dibromoethane	**9.83**	**10.2**	10.0	10.0	98	102	80-127	4	15	
Chlorobenzene	**9.82**	**9.64**	10.0	10.0	98	96	80-120	2	17	
1,1,1,2-Tetrachloroethane	**10.5**	**10.5**	10.0	10.0	105	105	80-125	0	17	
Ethylbenzene	**9.71**	**9.89**	10.0	10.0	97	99	80-125	2	18	
m,p-Xylene	**19.6**	**19.5**	20.0	20.0	98	98	80-127	1	18	
o-Xylene	**9.93**	**9.74**	10.0	10.0	99	97	80-126	2	18	
Bromoform	**10.6**	**10.6**	10.0	10.0	106	106	80-130	0	15	
Bromobenzene	**9.63**	**9.53**	10.0	10.0	96	95	76-128	1	16	
1,1,2,2-Tetrachloroethane	**9.81**	**9.78**	10.0	10.0	98	98	74-130	0	15	
1,2,3-Trichloropropane	**9.61**	**9.21**	10.0	10.0	96	92	71-129	4	25	
2-Chlorotoluene	**10.2**	**9.78**	10.0	10.0	102	98	80-128	4	18	
4-Chlorotoluene	**10.0**	**9.55**	10.0	10.0	100	96	80-130	5	19	
1,3-Dichlorobenzene	**9.79**	**9.57**	10.0	10.0	98	96	80-126	2	17	
1,4-Dichlorobenzene	**9.55**	**9.25**	10.0	10.0	96	93	80-121	3	17	
1,2-Dichlorobenzene	**9.65**	**9.31**	10.0	10.0	97	93	79-125	4	15	
1,2-Dibromo-3-chloropropane	**10.2**	**10.4**	10.0	10.0	102	104	73-133	2	15	
1,2,4-Trichlorobenzene	**9.51**	**9.76**	10.0	10.0	95	98	80-139	3	18	
Hexachlorobutadiene	**8.51**	**8.67**	10.0	10.0	85	87	80-151	2	18	
1,2,3-Trichlorobenzene	**10.1**	**10.2**	10.0	10.0	101	102	75-146	1	28	
Surrogate:										
Dibromofluoromethane					*85*	*83*	*75-127*			
Toluene-d8					*91*	*91*	*80-127*			
4-Bromofluorobenzene					*104*	*102*	*78-125*			

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Date of Report: September 22, 2023
Samples Submitted: August 31, 2023
Laboratory Reference: 2308-357B
Project: Jorgensen UST Site Assessment

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-SS-13-5.0-083023**					
Laboratory ID:	08-357-06					
Naphthalene	**0.14**	0.14	EPA 8270E/SIM	9-13-23	9-14-23	
2-Methylnaphthalene	**0.46**	0.14	EPA 8270E/SIM	9-13-23	9-14-23	
1-Methylnaphthalene	**0.87**	0.14	EPA 8270E/SIM	9-13-23	9-14-23	
Benzo[a]anthracene	**0.13**	0.036	EPA 8270E/SIM	9-13-23	9-14-23	
Chrysene	**0.15**	0.036	EPA 8270E/SIM	9-13-23	9-14-23	
Benzo[b]fluoranthene	**0.097**	0.036	EPA 8270E/SIM	9-13-23	9-14-23	
Benzo(j,k)fluoranthene	**ND**	0.036	EPA 8270E/SIM	9-13-23	9-14-23	
Benzo[a]pyrene	**0.14**	0.036	EPA 8270E/SIM	9-13-23	9-14-23	
Indeno(1,2,3-c,d)pyrene	**0.080**	0.036	EPA 8270E/SIM	9-13-23	9-14-23	
Dibenz[a,h]anthracene	**ND**	0.036	EPA 8270E/SIM	9-13-23	9-14-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*88*	*39-111*				
Pyrene-d10	*108*	*47-114*				
Terphenyl-d14	*106*	*44-121*				
Client ID:	**ST-SS-15-6.5-083023**					
Laboratory ID:	08-357-15					
Naphthalene	**0.58**	0.14	EPA 8270E/SIM	9-13-23	9-14-23	
2-Methylnaphthalene	**27**	0.71	EPA 8270E/SIM	9-13-23	9-14-23	
1-Methylnaphthalene	**37**	0.71	EPA 8270E/SIM	9-13-23	9-14-23	
Benzo[a]anthracene	**ND**	0.035	EPA 8270E/SIM	9-13-23	9-14-23	
Chrysene	**0.16**	0.035	EPA 8270E/SIM	9-13-23	9-14-23	
Benzo[b]fluoranthene	**ND**	0.035	EPA 8270E/SIM	9-13-23	9-14-23	
Benzo(j,k)fluoranthene	**ND**	0.035	EPA 8270E/SIM	9-13-23	9-14-23	
Benzo[a]pyrene	**0.042**	0.035	EPA 8270E/SIM	9-13-23	9-14-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.035	EPA 8270E/SIM	9-13-23	9-14-23	
Dibenz[a,h]anthracene	**ND**	0.035	EPA 8270E/SIM	9-13-23	9-14-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*95*	*39-111*				
Pyrene-d10	*124*	*47-114*				Q
Terphenyl-d14	*102*	*44-121*				

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Date of Report: September 22, 2023
Samples Submitted: August 31, 2023
Laboratory Reference: 2308-357B
Project: Jorgensen UST Site Assessment

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**ST-SS-17-6.5-083023**					
Laboratory ID:	08-357-17					
Naphthalene	**0.17**	0.14	EPA 8270E/SIM	9-13-23	9-14-23	
2-Methylnaphthalene	**7.3**	0.14	EPA 8270E/SIM	9-13-23	9-14-23	
1-Methylnaphthalene	**15**	0.14	EPA 8270E/SIM	9-13-23	9-14-23	
Benzo[a]anthracene	**0.13**	0.035	EPA 8270E/SIM	9-13-23	9-14-23	
Chrysene	**0.38**	0.035	EPA 8270E/SIM	9-13-23	9-14-23	
Benzo[b]fluoranthene	**0.046**	0.035	EPA 8270E/SIM	9-13-23	9-14-23	
Benzo(j,k)fluoranthene	**ND**	0.035	EPA 8270E/SIM	9-13-23	9-14-23	
Benzo[a]pyrene	**0.074**	0.035	EPA 8270E/SIM	9-13-23	9-14-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.035	EPA 8270E/SIM	9-13-23	9-14-23	
Dibenz[a,h]anthracene	**ND**	0.035	EPA 8270E/SIM	9-13-23	9-14-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*83*	*39-111*				
Pyrene-d10	*88*	*47-114*				
Terphenyl-d14	*95*	*44-121*				

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Date of Report: September 22, 2023
Samples Submitted: August 31, 2023
Laboratory Reference: 2308-357B
Project: Jorgensen UST Site Assessment

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0913S1					
Naphthalene	**ND**	0.0067	EPA 8270E/SIM	9-13-23	9-13-23	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270E/SIM	9-13-23	9-13-23	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270E/SIM	9-13-23	9-13-23	
Benzo[a]anthracene	**ND**	0.0017	EPA 8270E/SIM	9-13-23	9-13-23	
Chrysene	**ND**	0.0017	EPA 8270E/SIM	9-13-23	9-13-23	
Benzo[b]fluoranthene	**ND**	0.0017	EPA 8270E/SIM	9-13-23	9-13-23	
Benzo(j,k)fluoranthene	**ND**	0.0017	EPA 8270E/SIM	9-13-23	9-13-23	
Benzo[a]pyrene	**ND**	0.0017	EPA 8270E/SIM	9-13-23	9-13-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0017	EPA 8270E/SIM	9-13-23	9-13-23	
Dibenz[a,h]anthracene	**ND**	0.0017	EPA 8270E/SIM	9-13-23	9-13-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*83*	*39-111*				
Pyrene-d10	*97*	*47-114*				
Terphenyl-d14	*99*	*44-121*				

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Date of Report: September 22, 2023
Samples Submitted: August 31, 2023
Laboratory Reference: 2308-357B
Project: Jorgensen UST Site Assessment

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0913S1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.0738**	**0.0726**	0.0833	0.0833	89	87	57-116	2	16	
Acenaphthylene	**0.0806**	**0.0811**	0.0833	0.0833	97	97	59-124	1	15	
Acenaphthene	**0.0735**	**0.0765**	0.0833	0.0833	88	92	59-124	4	15	
Fluorene	**0.0771**	**0.0804**	0.0833	0.0833	93	97	62-122	4	15	
Phenanthrene	**0.0699**	**0.0711**	0.0833	0.0833	84	85	62-119	2	15	
Anthracene	**0.0833**	**0.0924**	0.0833	0.0833	100	111	64-123	10	15	
Fluoranthene	**0.0770**	**0.0826**	0.0833	0.0833	92	99	63-123	7	15	
Pyrene	**0.0766**	**0.0808**	0.0833	0.0833	92	97	62-124	5	15	
Benzo[a]anthracene	**0.0695**	**0.0737**	0.0833	0.0833	83	88	59-131	6	15	
Chrysene	**0.0804**	**0.0842**	0.0833	0.0833	97	101	61-124	5	15	
Benzo[b]fluoranthene	**0.0772**	**0.0783**	0.0833	0.0833	93	94	60-126	1	15	
Benzo(j,k)fluoranthene	**0.0846**	**0.0930**	0.0833	0.0833	102	112	63-121	9	17	
Benzo[a]pyrene	**0.0828**	**0.0867**	0.0833	0.0833	99	104	60-122	5	15	
Indeno(1,2,3-c,d)pyrene	**0.0707**	**0.0668**	0.0833	0.0833	85	80	58-127	6	15	
Dibenz[a,h]anthracene	**0.0791**	**0.0832**	0.0833	0.0833	95	100	60-124	5	15	
Benzo[g,h,i]perylene	**0.0701**	**0.0738**	0.0833	0.0833	84	89	58-124	5	15	
Surrogate:										
2-Fluorobiphenyl					*88*	*88*	*39-111*			
Pyrene-d10					*96*	*99*	*47-114*			
Terphenyl-d14					*99*	*101*	*44-121*			

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Date of Report: September 22, 2023
Samples Submitted: August 31, 2023
Laboratory Reference: 2308-357B
Project: Jorgensen UST Site Assessment

PCBs EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-SS-13-5.0-083023**					
Laboratory ID:	08-357-06					
Aroclor 1016	**ND**	0.054	EPA 8082A	9-15-23	9-20-23	
Aroclor 1221	**ND**	0.054	EPA 8082A	9-15-23	9-20-23	
Aroclor 1232	**ND**	0.054	EPA 8082A	9-15-23	9-20-23	
Aroclor 1242	**ND**	0.054	EPA 8082A	9-15-23	9-20-23	
Aroclor 1248	**ND**	0.054	EPA 8082A	9-15-23	9-20-23	
Aroclor 1254	**0.13**	0.054	EPA 8082A	9-15-23	9-20-23	
Aroclor 1260	**ND**	0.054	EPA 8082A	9-15-23	9-20-23	
Aroclor 1262	**ND**	0.054	EPA 8082A	9-15-23	9-20-23	
Aroclor 1268	**0.068**	0.054	EPA 8082A	9-15-23	9-20-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*49*	*50-127*				Q
Client ID:	**ST-SS-15-6.5-083023**					
Laboratory ID:	08-357-15					
Aroclor 1016	**ND**	0.053	EPA 8082A	9-15-23	9-16-23	
Aroclor 1221	**ND**	0.053	EPA 8082A	9-15-23	9-16-23	
Aroclor 1232	**ND**	0.053	EPA 8082A	9-15-23	9-16-23	
Aroclor 1242	**ND**	0.053	EPA 8082A	9-15-23	9-16-23	
Aroclor 1248	**ND**	0.053	EPA 8082A	9-15-23	9-16-23	
Aroclor 1254	**ND**	0.053	EPA 8082A	9-15-23	9-16-23	
Aroclor 1260	**ND**	0.053	EPA 8082A	9-15-23	9-16-23	
Aroclor 1262	**ND**	0.053	EPA 8082A	9-15-23	9-16-23	
Aroclor 1268	**ND**	0.053	EPA 8082A	9-15-23	9-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*69*	*50-127*				
Client ID:	**ST-SS-17-6.5-083023**					
Laboratory ID:	08-357-17					
Aroclor 1016	**ND**	0.053	EPA 8082A	9-15-23	9-16-23	
Aroclor 1221	**ND**	0.053	EPA 8082A	9-15-23	9-16-23	
Aroclor 1232	**ND**	0.053	EPA 8082A	9-15-23	9-16-23	
Aroclor 1242	**ND**	0.053	EPA 8082A	9-15-23	9-16-23	
Aroclor 1248	**ND**	0.053	EPA 8082A	9-15-23	9-16-23	
Aroclor 1254	**ND**	0.053	EPA 8082A	9-15-23	9-16-23	
Aroclor 1260	**ND**	0.053	EPA 8082A	9-15-23	9-16-23	
Aroclor 1262	**ND**	0.053	EPA 8082A	9-15-23	9-16-23	
Aroclor 1268	**ND**	0.053	EPA 8082A	9-15-23	9-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*77*	*50-127*				

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Date of Report: September 22, 2023
Samples Submitted: August 31, 2023
Laboratory Reference: 2308-357B
Project: Jorgensen UST Site Assessment

PCBs EPA 8082A
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0915S1					
Aroclor 1016	**ND**	0.050	EPA 8082A	9-15-23	9-16-23	
Aroclor 1221	**ND**	0.050	EPA 8082A	9-15-23	9-16-23	
Aroclor 1232	**ND**	0.050	EPA 8082A	9-15-23	9-16-23	
Aroclor 1242	**ND**	0.050	EPA 8082A	9-15-23	9-16-23	
Aroclor 1248	**ND**	0.050	EPA 8082A	9-15-23	9-16-23	
Aroclor 1254	**ND**	0.050	EPA 8082A	9-15-23	9-16-23	
Aroclor 1260	**ND**	0.050	EPA 8082A	9-15-23	9-16-23	
Aroclor 1262	**ND**	0.050	EPA 8082A	9-15-23	9-16-23	
Aroclor 1268	**ND**	0.050	EPA 8082A	9-15-23	9-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*93*	*50-127*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	09-141-16										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	**0.800**	**0.773**	0.500	0.500	0.436	**73**	**67**	41-121	3	28	
Surrogate:											
DCB						*75*	*70*	*50-127*			

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Date of Report: September 22, 2023
Samples Submitted: August 31, 2023
Laboratory Reference: 2308-357B
Project: Jorgensen UST Site Assessment

TOTAL METALS
EPA 6010D/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**NT-SS-13-5.0-083023**					
Laboratory ID:	08-357-06					
Arsenic	**ND**	11	EPA 6010D	9-20-23	9-20-23	
Barium	**27**	2.7	EPA 6010D	9-20-23	9-20-23	
Cadmium	**ND**	0.54	EPA 6010D	9-20-23	9-20-23	
Chromium	**7.9**	0.54	EPA 6010D	9-20-23	9-20-23	
Copper	**21**	1.1	EPA 6010D	9-20-23	9-20-23	
Lead	**ND**	5.4	EPA 6010D	9-20-23	9-20-23	
Mercury	**ND**	0.27	EPA 7471B	9-14-23	9-14-23	
Nickel	**11**	2.7	EPA 6010D	9-20-23	9-20-23	
Selenium	**ND**	11	EPA 6010D	9-20-23	9-20-23	
Silver	**ND**	1.1	EPA 6010D	9-20-23	9-20-23	
Zinc	**23**	2.7	EPA 6010D	9-20-23	9-20-23	
Client ID:	**ST-SS-15-6.5-083023**					
Laboratory ID:	08-357-15					
Arsenic	**ND**	11	EPA 6010D	9-20-23	9-20-23	
Barium	**21**	2.6	EPA 6010D	9-20-23	9-20-23	
Cadmium	**ND**	0.53	EPA 6010D	9-20-23	9-20-23	
Chromium	**7.1**	0.53	EPA 6010D	9-20-23	9-20-23	
Copper	**7.8**	1.1	EPA 6010D	9-20-23	9-20-23	
Lead	**11**	5.3	EPA 6010D	9-20-23	9-20-23	
Mercury	**ND**	0.26	EPA 7471B	9-14-23	9-14-23	
Nickel	**7.5**	2.6	EPA 6010D	9-20-23	9-20-23	
Selenium	**ND**	11	EPA 6010D	9-20-23	9-20-23	
Silver	**ND**	1.1	EPA 6010D	9-20-23	9-20-23	
Zinc	**20**	2.6	EPA 6010D	9-20-23	9-20-23	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 22, 2023
Samples Submitted: August 31, 2023
Laboratory Reference: 2308-357B
Project: Jorgensen UST Site Assessment

TOTAL METALS
EPA 6010D/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**ST-SS-17-6.5-083023**					
Laboratory ID:	08-357-17					
Arsenic	**ND**	11	EPA 6010D	9-20-23	9-20-23	
Barium	**25**	2.7	EPA 6010D	9-20-23	9-20-23	
Cadmium	**ND**	0.53	EPA 6010D	9-20-23	9-20-23	
Chromium	**8.3**	0.53	EPA 6010D	9-20-23	9-20-23	
Copper	**8.1**	1.1	EPA 6010D	9-20-23	9-20-23	
Lead	**ND**	5.3	EPA 6010D	9-20-23	9-20-23	
Mercury	**ND**	0.27	EPA 7471B	9-14-23	9-14-23	
Nickel	**8.0**	2.7	EPA 6010D	9-20-23	9-20-23	
Selenium	**ND**	11	EPA 6010D	9-20-23	9-20-23	
Silver	**ND**	1.1	EPA 6010D	9-20-23	9-20-23	
Zinc	**22**	2.7	EPA 6010D	9-20-23	9-20-23	

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Date of Report: September 22, 2023
Samples Submitted: August 31, 2023
Laboratory Reference: 2308-357B
Project: Jorgensen UST Site Assessment

TOTAL METALS
EPA 6010D/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0920SM2					
Arsenic	**ND**	10	EPA 6010D	9-20-23	9-20-23	
Barium	**ND**	2.5	EPA 6010D	9-20-23	9-20-23	
Cadmium	**ND**	0.50	EPA 6010D	9-20-23	9-20-23	
Chromium	**ND**	0.50	EPA 6010D	9-20-23	9-20-23	
Copper	**ND**	1.0	EPA 6010D	9-20-23	9-20-23	
Lead	**ND**	5.0	EPA 6010D	9-20-23	9-20-23	
Nickel	**ND**	2.5	EPA 6010D	9-20-23	9-20-23	
Selenium	**ND**	10	EPA 6010D	9-20-23	9-20-23	
Silver	**ND**	1.0	EPA 6010D	9-20-23	9-20-23	
Zinc	**ND**	2.5	EPA 6010D	9-20-23	9-20-23	
Laboratory ID:	MB0914S1					
Mercury	**ND**	0.25	EPA 7471B	9-14-23	9-14-23	

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Date of Report: September 22, 2023
Samples Submitted: August 31, 2023
Laboratory Reference: 2308-357B
Project: Jorgensen UST Site Assessment

TOTAL METALS
EPA 6010D/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	09-187-15										
	ORIG	DUP									
Arsenic	**24.2**	**24.3**	NA	NA		NA		NA	1	20	
Barium	**68.9**	**73.0**	NA	NA		NA		NA	6	20	
Cadmium	**0.580**	**ND**	NA	NA		NA		NA	NA	20	
Chromium	**52.4**	**80.1**	NA	NA		NA		NA	42	20	L
Copper	**11.4**	**12.2**	NA	NA		NA		NA	7	20	
Lead	**32.1**	**28.7**	NA	NA		NA		NA	11	20	
Nickel	**266**	**348**	NA	NA		NA		NA	27	20	L
Selenium	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Silver	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Zinc	**96.0**	**105**	NA	NA		NA		NA	9	20	
Laboratory ID:	09-034-01										
Mercury	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	09-187-15										
	MS	MSD	MS	MSD		MS	MSD				
Arsenic	**123**	**122**	100	100	24.2	**99**	**98**	75-125	0	20	
Barium	**170**	**170**	100	100	68.9	**101**	**101**	75-125	0	20	
Cadmium	**45.0**	**44.6**	50.0	50.0	0.580	**89**	**88**	75-125	1	20	
Chromium	**161**	**151**	100	100	52.4	**109**	**98**	75-125	7	20	
Copper	**61.4**	**59.9**	50.0	50.0	11.4	**100**	**97**	75-125	2	20	
Lead	**284**	**282**	250	250	32.1	**101**	**100**	75-125	1	20	
Nickel	**399**	**342**	100	100	266	**132**	**76**	75-125	15	20	V
Selenium	**94.2**	**93.6**	100	100	ND	**94**	**94**	75-125	1	20	
Silver	**24.7**	**23.9**	25.0	25.0	ND	**99**	**96**	75-125	3	20	
Zinc	**186**	**176**	100	100	96.0	**90**	**80**	75-125	6	20	
Laboratory ID:	09-034-01										
Mercury	**0.494**	**0.488**	0.500	0.500	0.0158	**96**	**94**	80-120	1	20	

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Date of Report: September 22, 2023
Samples Submitted: August 31, 2023
Laboratory Reference: 2308-357B
Project: Jorgensen UST Site Assessment

% MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
NT-SS-13-5.0-083023	08-357-06	**7**	9-5-23
ST-SS-15-6.5-083023	08-357-15	**6**	9-5-23
ST-SS-17-6.5-083023	08-357-17	**6**	9-5-23

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: DH Environmental
Project Number:
Project Name: Jorgensen UST Site Assessment
Project Manager: N. Moxley
Sampled by: N. Moxley

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☐ Standard (7 Days)
☒ 5-day (other)

Laboratory Number: 08-357

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (SG Clean-up ☐)	Volatiles 8260 *	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level) cPAHs + Naphthalenes	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals + Cu, Ni, Zn	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664	% Moisture
1	NT-SS-20-5.0-083023	8/30/23	1015	Soil	5			X	X														X
2	NT-SS-21-5.0-083023		1025																				
3	NT-SS-22-5.0-083023		1030																				
4	NT-SS-23-5.0-083023		1040																				
5	NT-SS-14-5.0-083023		1005																				
6	NT-SS-13-5.0-083023		1000							(X)				(X)	(X)				(X)				
7	NT-SS-12-5.0-083023		0955																				
8	NT-SS-11-5.0-083023		1045																				
9	NT-SS-28-6.5-083023		0945																				
10	NT-SS-27-6.5-083023		0935																				

	Signature	Company	Date	Time
Relinquished		DHE	8-31-23	1216
Received	Nichelle Boehm	OSE	8/31/23	1216
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
- please report lowest possible reporting limits
- samples may have elevated petroleum concentrations

* - EDB, EDC, MTBE, BTEX, hVOCs
(X) Added 9/12/23. DB (STA)

Data Package: Standard ☒ Level III ☐ Level IV ☐
Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

Chain of Custody

Page 2 of 3

OnSite Environmental Inc.
Analytical Laboratory Testing Services
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Phone: (425) 883-3881 • www.onsite-env.com

Company: DH Environmental
Project Number:
Project Name: Jorgensen UST Site Assessment
Project Manager: N. Moxley
Sampled by: N. Moxley

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☐ Standard (7 Days)
☒ 5-day (other)

Laboratory Number: 08-357

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (SG Clean-up☐)	Volatiles 8260 *	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level) cPAHs + Naphthalenes	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals + Cu, Ni, Zn	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664					% Moisture
11	NT-SS-26-6.5-083023	8/30/23	0930	Soil	5			X	X																		X
12	ST-SS-3-8.5-083023		1220																								
13	ST-SS-4-8.5-083023		1225																								
14	ST-SS-5-8.5-083023		1235																								
15	ST-SS-15-6.5-083023		1250							X				X	X				X								
16	ST-SS-16-6.5-083023		1300																								
17	ST-SS-17-6.5-083023		1310							X				X	X				X								
18	ST-SS-18-6.5-083023		1320																								
19	ST-SS-19-6.5-083023		1330																								
20	ST-SS-9-6.5-083023		1210																								

	Signature	Company	Date	Time
Relinquished	[signature]	DHE	8-31-23	1216
Received	Nichelle Bolin	OSE	8/31/23	1216
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Data Package: Standard ☒ Level III ☐ Level IV ☐
Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: DH Environmental
Project Number:
Project Name: Jorgensen UST Site Assessment
Project Manager: N. Moxley
Sampled by: N. Moxley

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☐ Standard (7 Days)
☒ 5-day (other)

Laboratory Number: 08-357

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (SG Clean-up☐)	Volatiles 8260 *	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level) cPAHs + Naphthalenes	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals + Cu, Ni, Zn	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664	% Moisture
21	ST-SS-10-6.5-083023	8/30/23	1205	Soil	5			X	X														X
22	ST-SS-11-6.5-083023	↓	1155	↓	↓			↓	↓														↓
23	ST-SS-12-6.5-083023		1150																				
24	ST-SS-13-6.5-083023		1145																				
25	ST-SS-14-6.5-083023	↓	1140	↓	↓			↓	↓														
26	Trip blank	–	–	W	3			X		(X)													

	Signature	Company	Date	Time
Relinquished	[signature]	DHE	8-31-23	1216
Received	Nichelle Bofinn	OSE	8/31/23	1216
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Data Package: Standard ☒ Level III ☐ Level IV ☐
Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

October 17, 2023

Nathan Moxley
DH Environmental, Inc.
1011 SW Klickitat Way, Suite 107
Seattle, WA 98103

Re: Analytical Data for Project Star Forge UST Site Assessment
Laboratory Reference No. 2310-177

Dear Nathan:

Enclosed are the analytical results and associated quality control data for samples submitted on October 13, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

Case Narrative

Samples were collected on October 13, 2023 and received by the laboratory on October 13, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below. However the soil results for the QA/QC samples are reported on a wet-weight basis.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Volatiles EPA 8260D Analysis

The percent recovery for Chloroethane, 1,2,4-Trichlorobenzene and 1,2,3-Trichlorobenzene is outside the control limits in the Spike Blank Duplicate. The method allows for a percentage of the compounds to fall outside of the control limits due to the large number of analytes being spiked.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**ST-piping-SS-20-6.5**					
Laboratory ID:	10-177-01					
Gasoline Range Organics	**220**	7.8	NWTPH-Gx	10-16-23	10-16-23	O
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*83*	*65-126*				
Client ID:	**ST-piping-SS-21-2.0**					
Laboratory ID:	10-177-02					
Gasoline	**ND**	4.8	NWTPH-Gx	10-16-23	10-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*89*	*65-126*				
Client ID:	**ST-piping-SS-22-2.0**					
Laboratory ID:	10-177-03					
Gasoline	**ND**	4.0	NWTPH-Gx	10-16-23	10-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*93*	*65-126*				

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Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

GASOLINE RANGE ORGANICS
NWTPH-Gx
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1016S1					
Gasoline	**ND**	5.0	NWTPH-Gx	10-16-23	10-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*87*	*65-126*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	10-177-03										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*93*	*90*	*65-126*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**trip blank**					
Laboratory ID:	10-177-04					
Gasoline	**ND**	100	NWTPH-Gx	10-16-23	10-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*81*	*65-122*				

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Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

GASOLINE RANGE ORGANICS
NWTPH-Gx
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1016W1					
Gasoline	**ND**	100	NWTPH-Gx	10-16-23	10-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*74*	*65-122*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	10-160-01										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*75*	*73*	*65-122*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**ST-piping-SS-20-6.5**					
Laboratory ID:	10-177-01					
Diesel Fuel #2	**3400**	140	NWTPH-Dx	10-16-23	10-16-23	
Lube Oil	**860**	290	NWTPH-Dx	10-16-23	10-16-23	N1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*129*	*50-150*				
Client ID:	**ST-piping-SS-21-2.0**					
Laboratory ID:	10-177-02					
Diesel Range Organics	**120**	28	NWTPH-Dx	10-16-23	10-16-23	
Lube Oil	**260**	56	NWTPH-Dx	10-16-23	10-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*69*	*50-150*				
Client ID:	**ST-piping-SS-22-2.0**					
Laboratory ID:	10-177-03					
Diesel Range Organics	**ND**	28	NWTPH-Dx	10-16-23	10-16-23	
Lube Oil	**190**	55	NWTPH-Dx	10-16-23	10-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*69*	*50-150*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1016S1					
Diesel Range Organics	**ND**	25	NWTPH-Dx	10-16-23	10-16-23	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	10-16-23	10-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*78*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	10-177-01										
	ORIG	DUP									
Diesel Fuel #2	**2970**	**2830**	NA	NA		NA		NA	5	40	
Lube Oil	**759**	**801**	NA	NA		NA		NA	5	40	
Surrogate:											
o-Terphenyl						*129*	*121*	*50-150*			

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Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

VOLATILE ORGANICS EPA 8260D
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**ST-piping-SS-20-6.5**					
Laboratory ID:	10-177-01					
Dichlorodifluoromethane	ND	0.048	EPA 8260D	10-16-23	10-16-23	
Chloromethane	ND	0.18	EPA 8260D	10-16-23	10-16-23	
Vinyl Chloride	ND	0.048	EPA 8260D	10-16-23	10-16-23	
Bromomethane	ND	0.18	EPA 8260D	10-16-23	10-16-23	
Chloroethane	ND	0.18	EPA 8260D	10-16-23	10-16-23	
Trichlorofluoromethane	ND	0.037	EPA 8260D	10-16-23	10-16-23	
1,1-Dichloroethene	ND	0.037	EPA 8260D	10-16-23	10-16-23	
Iodomethane	ND	0.18	EPA 8260D	10-16-23	10-16-23	
Methylene Chloride	ND	0.18	EPA 8260D	10-16-23	10-16-23	
(trans) 1,2-Dichloroethene	ND	0.037	EPA 8260D	10-16-23	10-16-23	
Methyl t-Butyl Ether	ND	0.037	EPA 8260D	10-16-23	10-16-23	
1,1-Dichloroethane	ND	0.037	EPA 8260D	10-16-23	10-16-23	
2,2-Dichloropropane	ND	0.037	EPA 8260D	10-16-23	10-16-23	
(cis) 1,2-Dichloroethene	ND	0.037	EPA 8260D	10-16-23	10-16-23	
Bromochloromethane	ND	0.037	EPA 8260D	10-16-23	10-16-23	
Chloroform	ND	0.037	EPA 8260D	10-16-23	10-16-23	
1,1,1-Trichloroethane	ND	0.037	EPA 8260D	10-16-23	10-16-23	
Carbon Tetrachloride	ND	0.037	EPA 8260D	10-16-23	10-16-23	
1,1-Dichloropropene	ND	0.037	EPA 8260D	10-16-23	10-16-23	
Benzene	ND	0.037	EPA 8260D	10-16-23	10-16-23	
1,2-Dichloroethane	ND	0.037	EPA 8260D	10-16-23	10-16-23	
Trichloroethene	ND	0.037	EPA 8260D	10-16-23	10-16-23	
1,2-Dichloropropane	ND	0.037	EPA 8260D	10-16-23	10-16-23	
Dibromomethane	ND	0.037	EPA 8260D	10-16-23	10-16-23	
Bromodichloromethane	ND	0.037	EPA 8260D	10-16-23	10-16-23	
2-Chloroethyl Vinyl Ether	ND	0.18	EPA 8260D	10-16-23	10-16-23	
(cis) 1,3-Dichloropropene	ND	0.037	EPA 8260D	10-16-23	10-16-23	
Toluene	0.40	0.18	EPA 8260D	10-16-23	10-16-23	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**ST-piping-SS-20-6.5**					
Laboratory ID:	10-177-01					
(trans) 1,3-Dichloropropene	ND	0.037	EPA 8260D	10-16-23	10-16-23	
1,1,2-Trichloroethane	ND	0.037	EPA 8260D	10-16-23	10-16-23	
Tetrachloroethene	ND	0.037	EPA 8260D	10-16-23	10-16-23	
1,3-Dichloropropane	ND	0.037	EPA 8260D	10-16-23	10-16-23	
Dibromochloromethane	ND	0.037	EPA 8260D	10-16-23	10-16-23	
1,2-Dibromoethane	ND	0.037	EPA 8260D	10-16-23	10-16-23	
Chlorobenzene	ND	0.037	EPA 8260D	10-16-23	10-16-23	
1,1,1,2-Tetrachloroethane	ND	0.037	EPA 8260D	10-16-23	10-16-23	
Ethylbenzene	0.46	0.037	EPA 8260D	10-16-23	10-16-23	
m,p-Xylene	2.1	0.073	EPA 8260D	10-16-23	10-16-23	
o-Xylene	0.87	0.037	EPA 8260D	10-16-23	10-16-23	
Bromoform	ND	0.18	EPA 8260D	10-16-23	10-16-23	
Bromobenzene	ND	0.037	EPA 8260D	10-16-23	10-16-23	
1,1,2,2-Tetrachloroethane	ND	0.037	EPA 8260D	10-16-23	10-16-23	
1,2,3-Trichloropropane	ND	0.037	EPA 8260D	10-16-23	10-16-23	
2-Chlorotoluene	ND	0.037	EPA 8260D	10-16-23	10-16-23	
4-Chlorotoluene	ND	0.037	EPA 8260D	10-16-23	10-16-23	
1,3-Dichlorobenzene	ND	0.037	EPA 8260D	10-16-23	10-16-23	
1,4-Dichlorobenzene	ND	0.037	EPA 8260D	10-16-23	10-16-23	
1,2-Dichlorobenzene	ND	0.037	EPA 8260D	10-16-23	10-16-23	
1,2-Dibromo-3-chloropropane	ND	0.18	EPA 8260D	10-16-23	10-16-23	
1,2,4-Trichlorobenzene	ND	0.037	EPA 8260D	10-16-23	10-16-23	
Hexachlorobutadiene	ND	0.18	EPA 8260D	10-16-23	10-16-23	
1,2,3-Trichlorobenzene	ND	0.037	EPA 8260D	10-16-23	10-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*96*	*75-130*				
Toluene-d8	*96*	*78-128*				
4-Bromofluorobenzene	*107*	*71-130*				

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Samples Submitted: October 13, 2023
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**ST-piping-SS-21-2.0**					
Laboratory ID:	10-177-02					
Dichlorodifluoromethane	ND	0.0011	EPA 8260D	10-16-23	10-16-23	
Chloromethane	ND	0.0041	EPA 8260D	10-16-23	10-16-23	
Vinyl Chloride	ND	0.0011	EPA 8260D	10-16-23	10-16-23	
Bromomethane	ND	0.0041	EPA 8260D	10-16-23	10-16-23	
Chloroethane	ND	0.0041	EPA 8260D	10-16-23	10-16-23	
Trichlorofluoromethane	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
1,1-Dichloroethene	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
Iodomethane	ND	0.0041	EPA 8260D	10-16-23	10-16-23	
Methylene Chloride	ND	0.0041	EPA 8260D	10-16-23	10-16-23	
(trans) 1,2-Dichloroethene	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
Methyl t-Butyl Ether	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
1,1-Dichloroethane	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
2,2-Dichloropropane	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
(cis) 1,2-Dichloroethene	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
Bromochloromethane	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
Chloroform	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
1,1,1-Trichloroethane	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
Carbon Tetrachloride	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
1,1-Dichloropropene	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
Benzene	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
1,2-Dichloroethane	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
Trichloroethene	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
1,2-Dichloropropane	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
Dibromomethane	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
Bromodichloromethane	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
2-Chloroethyl Vinyl Ether	ND	0.0041	EPA 8260D	10-16-23	10-16-23	
(cis) 1,3-Dichloropropene	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
Toluene	ND	0.0041	EPA 8260D	10-16-23	10-16-23	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**ST-piping-SS-21-2.0**					
Laboratory ID:	10-177-02					
(trans) 1,3-Dichloropropene	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
1,1,2-Trichloroethane	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
Tetrachloroethene	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
1,3-Dichloropropane	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
Dibromochloromethane	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
1,2-Dibromoethane	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
Chlorobenzene	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
1,1,1,2-Tetrachloroethane	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
Ethylbenzene	ND	0.00082	EPA 8260D	10-16-23	10-16-23	
m,p-Xylene	ND	0.0016	EPA 8260D	10-16-23	10-16-23	
o-Xylene	0.0012	0.00082	EPA 8260D	10-16-23	10-16-23	
Bromoform	ND	0.0041	EPA 8260D	10-16-23	10-16-23	
Bromobenzene	ND	0.050	EPA 8260D	10-16-23	10-16-23	
1,1,2,2-Tetrachloroethane	ND	0.050	EPA 8260D	10-16-23	10-16-23	
1,2,3-Trichloropropane	ND	0.050	EPA 8260D	10-16-23	10-16-23	
2-Chlorotoluene	ND	0.050	EPA 8260D	10-16-23	10-16-23	
4-Chlorotoluene	ND	0.050	EPA 8260D	10-16-23	10-16-23	
1,3-Dichlorobenzene	ND	0.050	EPA 8260D	10-16-23	10-16-23	
1,4-Dichlorobenzene	ND	0.050	EPA 8260D	10-16-23	10-16-23	
1,2-Dichlorobenzene	ND	0.050	EPA 8260D	10-16-23	10-16-23	
1,2-Dibromo-3-chloropropane	ND	0.25	EPA 8260D	10-16-23	10-16-23	
1,2,4-Trichlorobenzene	ND	0.050	EPA 8260D	10-16-23	10-16-23	
Hexachlorobutadiene	ND	0.25	EPA 8260D	10-16-23	10-16-23	
1,2,3-Trichlorobenzene	ND	0.050	EPA 8260D	10-16-23	10-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*100*	*75-130*				
Toluene-d8	*90*	*78-128*				
4-Bromofluorobenzene	*93*	*71-130*				

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**ST-piping-SS-22-2.0**					
Laboratory ID:	10-177-03					
Dichlorodifluoromethane	ND	0.00096	EPA 8260D	10-16-23	10-16-23	
Chloromethane	ND	0.0037	EPA 8260D	10-16-23	10-16-23	
Vinyl Chloride	ND	0.00096	EPA 8260D	10-16-23	10-16-23	
Bromomethane	ND	0.0037	EPA 8260D	10-16-23	10-16-23	
Chloroethane	ND	0.0037	EPA 8260D	10-16-23	10-16-23	
Trichlorofluoromethane	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
1,1-Dichloroethene	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
Iodomethane	ND	0.0037	EPA 8260D	10-16-23	10-16-23	
Methylene Chloride	ND	0.0037	EPA 8260D	10-16-23	10-16-23	
(trans) 1,2-Dichloroethene	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
Methyl t-Butyl Ether	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
1,1-Dichloroethane	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
2,2-Dichloropropane	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
(cis) 1,2-Dichloroethene	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
Bromochloromethane	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
Chloroform	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
1,1,1-Trichloroethane	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
Carbon Tetrachloride	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
1,1-Dichloropropene	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
Benzene	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
1,2-Dichloroethane	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
Trichloroethene	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
1,2-Dichloropropane	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
Dibromomethane	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
Bromodichloromethane	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
2-Chloroethyl Vinyl Ether	ND	0.0037	EPA 8260D	10-16-23	10-16-23	
(cis) 1,3-Dichloropropene	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
Toluene	ND	0.0037	EPA 8260D	10-16-23	10-16-23	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**ST-piping-SS-22-2.0**					
Laboratory ID:	10-177-03					
(trans) 1,3-Dichloropropene	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
1,1,2-Trichloroethane	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
Tetrachloroethene	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
1,3-Dichloropropane	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
Dibromochloromethane	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
1,2-Dibromoethane	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
Chlorobenzene	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
1,1,1,2-Tetrachloroethane	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
Ethylbenzene	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
m,p-Xylene	ND	0.0015	EPA 8260D	10-16-23	10-16-23	
o-Xylene	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
Bromoform	ND	0.0037	EPA 8260D	10-16-23	10-16-23	
Bromobenzene	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
1,1,2,2-Tetrachloroethane	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
1,2,3-Trichloropropane	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
2-Chlorotoluene	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
4-Chlorotoluene	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
1,3-Dichlorobenzene	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
1,4-Dichlorobenzene	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
1,2-Dichlorobenzene	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
1,2-Dibromo-3-chloropropane	ND	0.0037	EPA 8260D	10-16-23	10-16-23	
1,2,4-Trichlorobenzene	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
Hexachlorobutadiene	ND	0.0037	EPA 8260D	10-16-23	10-16-23	
1,2,3-Trichlorobenzene	ND	0.00074	EPA 8260D	10-16-23	10-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*100*	*75-130*				
Toluene-d8	*92*	*78-128*				
4-Bromofluorobenzene	*95*	*71-130*				

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VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1016S1					
Dichlorodifluoromethane	ND	0.0013	EPA 8260D	10-16-23	10-16-23	
Chloromethane	ND	0.0050	EPA 8260D	10-16-23	10-16-23	
Vinyl Chloride	ND	0.0013	EPA 8260D	10-16-23	10-16-23	
Bromomethane	ND	0.0050	EPA 8260D	10-16-23	10-16-23	
Chloroethane	ND	0.0050	EPA 8260D	10-16-23	10-16-23	
Trichlorofluoromethane	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
1,1-Dichloroethene	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
Iodomethane	ND	0.0050	EPA 8260D	10-16-23	10-16-23	
Methylene Chloride	ND	0.0050	EPA 8260D	10-16-23	10-16-23	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
1,1-Dichloroethane	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
2,2-Dichloropropane	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
Bromochloromethane	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
Chloroform	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
Carbon Tetrachloride	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
1,1-Dichloropropene	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
Benzene	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
1,2-Dichloroethane	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
Trichloroethene	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
1,2-Dichloropropane	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
Dibromomethane	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
Bromodichloromethane	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260D	10-16-23	10-16-23	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
Toluene	ND	0.0050	EPA 8260D	10-16-23	10-16-23	

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Project: Star Forge UST Site Assessment

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QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1016S1					
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
1,1,2-Trichloroethane	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
Tetrachloroethene	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
1,3-Dichloropropane	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
Dibromochloromethane	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
1,2-Dibromoethane	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
Chlorobenzene	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
Ethylbenzene	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
m,p-Xylene	ND	0.0020	EPA 8260D	10-16-23	10-16-23	
o-Xylene	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
Bromoform	ND	0.0050	EPA 8260D	10-16-23	10-16-23	
Bromobenzene	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
2-Chlorotoluene	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
4-Chlorotoluene	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260D	10-16-23	10-16-23	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
Hexachlorobutadiene	ND	0.0050	EPA 8260D	10-16-23	10-16-23	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260D	10-16-23	10-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*98*	*75-130*				
Toluene-d8	*95*	*78-128*				
4-Bromofluorobenzene	*96*	*71-130*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

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QUALITY CONTROL
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Matrix: Soil
Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1016S1									
	SB	SBD	SB	SBD	SB	SBD				
Dichlorodifluoromethane	**0.0382**	**0.0378**	0.0500	0.0500	76	76	30-160	1	26	
Chloromethane	**0.0437**	**0.0437**	0.0500	0.0500	87	87	59-131	0	26	
Vinyl Chloride	**0.0387**	**0.0382**	0.0500	0.0500	77	76	68-136	1	23	
Bromomethane	**0.0439**	**0.0437**	0.0500	0.0500	88	87	48-155	0	32	
Chloroethane	**0.0471**	**0.0468**	0.0500	0.0500	94	94	67-141	1	16	
Trichlorofluoromethane	**0.0490**	**0.0484**	0.0500	0.0500	98	97	76-127	1	19	
1,1-Dichloroethene	**0.0469**	**0.0478**	0.0500	0.0500	94	96	75-129	2	19	
Iodomethane	**0.0454**	**0.0433**	0.0500	0.0500	91	87	37-140	5	27	
Methylene Chloride	**0.0470**	**0.0482**	0.0500	0.0500	94	96	60-124	3	18	
(trans) 1,2-Dichloroethene	**0.0475**	**0.0481**	0.0500	0.0500	95	96	79-133	1	15	
Methyl t-Butyl Ether	**0.0520**	**0.0531**	0.0500	0.0500	104	106	73-125	2	17	
1,1-Dichloroethane	**0.0472**	**0.0473**	0.0500	0.0500	94	95	79-125	0	17	
2,2-Dichloropropane	**0.0478**	**0.0492**	0.0500	0.0500	96	98	79-126	3	18	
(cis) 1,2-Dichloroethene	**0.0469**	**0.0473**	0.0500	0.0500	94	95	75-131	1	15	
Bromochloromethane	**0.0509**	**0.0521**	0.0500	0.0500	102	104	80-126	2	15	
Chloroform	**0.0474**	**0.0480**	0.0500	0.0500	95	96	80-123	1	15	
1,1,1-Trichloroethane	**0.0472**	**0.0478**	0.0500	0.0500	94	96	78-124	1	21	
Carbon Tetrachloride	**0.0480**	**0.0481**	0.0500	0.0500	96	96	74-127	0	18	
1,1-Dichloropropene	**0.0470**	**0.0480**	0.0500	0.0500	94	96	80-123	2	15	
Benzene	**0.0462**	**0.0459**	0.0500	0.0500	92	92	80-122	1	18	
1,2-Dichloroethane	**0.0502**	**0.0515**	0.0500	0.0500	100	103	75-124	3	15	
Trichloroethene	**0.0470**	**0.0473**	0.0500	0.0500	94	95	80-129	1	18	
1,2-Dichloropropane	**0.0481**	**0.0489**	0.0500	0.0500	96	98	80-123	2	15	
Dibromomethane	**0.0494**	**0.0512**	0.0500	0.0500	99	102	80-123	4	15	
Bromodichloromethane	**0.0495**	**0.0491**	0.0500	0.0500	99	98	80-129	1	15	
(cis) 1,3-Dichloropropene	**0.0515**	**0.0521**	0.0500	0.0500	103	104	80-130	1	15	
Toluene	**0.0441**	**0.0446**	0.0500	0.0500	88	89	80-120	1	18	
(trans) 1,3-Dichloropropene	**0.0561**	**0.0567**	0.0500	0.0500	112	113	80-124	1	15	

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Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1016S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1,2-Trichloroethane	**0.0539**	**0.0576**	0.0500	0.0500	108	115	80-120	7	15	
Tetrachloroethene	**0.0515**	**0.0520**	0.0500	0.0500	103	104	77-126	1	15	
1,3-Dichloropropane	**0.0530**	**0.0554**	0.0500	0.0500	106	111	77-123	4	15	
Dibromochloromethane	**0.0549**	**0.0565**	0.0500	0.0500	110	113	80-128	3	16	
1,2-Dibromoethane	**0.0551**	**0.0570**	0.0500	0.0500	110	114	80-122	3	20	
Chlorobenzene	**0.0513**	**0.0523**	0.0500	0.0500	103	105	80-120	2	18	
1,1,1,2-Tetrachloroethane	**0.0521**	**0.0533**	0.0500	0.0500	104	107	80-120	2	15	
Ethylbenzene	**0.0504**	**0.0511**	0.0500	0.0500	101	102	80-120	1	15	
m,p-Xylene	**0.105**	**0.105**	0.100	0.100	105	105	80-120	0	15	
o-Xylene	**0.0519**	**0.0520**	0.0500	0.0500	104	104	80-120	0	15	
Bromoform	**0.0553**	**0.0584**	0.0500	0.0500	111	117	78-126	5	15	
Bromobenzene	**0.0525**	**0.0538**	0.0500	0.0500	105	108	79-124	2	15	
1,1,2,2-Tetrachloroethane	**0.0535**	**0.0563**	0.0500	0.0500	107	113	75-122	5	17	
1,2,3-Trichloropropane	**0.0560**	**0.0589**	0.0500	0.0500	112	118	72-125	5	20	
2-Chlorotoluene	**0.0525**	**0.0526**	0.0500	0.0500	105	105	75-128	0	15	
4-Chlorotoluene	**0.0556**	**0.0577**	0.0500	0.0500	111	115	78-127	4	16	
1,3-Dichlorobenzene	**0.0526**	**0.0538**	0.0500	0.0500	105	108	78-123	2	17	
1,4-Dichlorobenzene	**0.0547**	**0.0548**	0.0500	0.0500	109	110	77-121	0	17	
1,2-Dichlorobenzene	**0.0562**	**0.0569**	0.0500	0.0500	112	114	80-120	1	15	
1,2-Dibromo-3-chloropropane	**0.0569**	**0.0647**	0.0500	0.0500	114	129	61-137	13	28	
1,2,4-Trichlorobenzene	**0.0543**	**0.0530**	0.0500	0.0500	109	106	77-127	2	17	
Hexachlorobutadiene	**0.0456**	**0.0463**	0.0500	0.0500	91	93	77-125	2	22	
1,2,3-Trichlorobenzene	**0.0584**	**0.0593**	0.0500	0.0500	117	119	77-124	2	19	
Surrogate:										
Dibromofluoromethane					*98*	*97*	*75-130*			
Toluene-d8					*95*	*95*	*78-128*			
4-Bromofluorobenzene					*106*	*108*	*71-130*			

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Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**trip blank**					
Laboratory ID:	10-177-04					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Chloromethane	ND	1.3	EPA 8260D	10-16-23	10-16-23	
Vinyl Chloride	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Bromomethane	ND	1.0	EPA 8260D	10-16-23	10-16-23	
Chloroethane	ND	1.0	EPA 8260D	10-16-23	10-16-23	
Trichlorofluoromethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,1-Dichloroethene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Iodomethane	ND	5.0	EPA 8260D	10-16-23	10-16-23	
Methylene Chloride	ND	1.0	EPA 8260D	10-16-23	10-16-23	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,1-Dichloroethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
2,2-Dichloropropane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Bromochloromethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Chloroform	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Carbon Tetrachloride	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,1-Dichloropropene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Benzene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,2-Dichloroethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Trichloroethene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,2-Dichloropropane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Dibromomethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Bromodichloromethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Toluene	ND	1.0	EPA 8260D	10-16-23	10-16-23	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	10-16-23	10-16-23	

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Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**trip blank**					
Laboratory ID:	10-177-04					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Tetrachloroethene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,3-Dichloropropane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Dibromochloromethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,2-Dibromoethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Chlorobenzene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Ethylbenzene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
m,p-Xylene	ND	0.40	EPA 8260D	10-16-23	10-16-23	
o-Xylene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Bromoform	ND	1.0	EPA 8260D	10-16-23	10-16-23	
Bromobenzene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
2-Chlorotoluene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
4-Chlorotoluene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	10-16-23	10-16-23	
1,2,4-Trichlorobenzene	ND	1.0	EPA 8260D	10-16-23	10-16-23	
Hexachlorobutadiene	ND	1.0	EPA 8260D	10-16-23	10-16-23	
1,2,3-Trichlorobenzene	ND	1.0	EPA 8260D	10-16-23	10-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*108*	*75-127*				
Toluene-d8	*108*	*80-127*				
4-Bromofluorobenzene	*94*	*78-125*				

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Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1016W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Chloromethane	ND	1.3	EPA 8260D	10-16-23	10-16-23	
Vinyl Chloride	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Bromomethane	ND	1.0	EPA 8260D	10-16-23	10-16-23	
Chloroethane	ND	1.0	EPA 8260D	10-16-23	10-16-23	
Trichlorofluoromethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,1-Dichloroethene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Iodomethane	ND	5.0	EPA 8260D	10-16-23	10-16-23	
Methylene Chloride	ND	1.0	EPA 8260D	10-16-23	10-16-23	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,1-Dichloroethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
2,2-Dichloropropane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Bromochloromethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Chloroform	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Carbon Tetrachloride	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,1-Dichloropropene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Benzene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,2-Dichloroethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Trichloroethene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,2-Dichloropropane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Dibromomethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Bromodichloromethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Toluene	ND	1.0	EPA 8260D	10-16-23	10-16-23	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	10-16-23	10-16-23	

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Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1016W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Tetrachloroethene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,3-Dichloropropane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Dibromochloromethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,2-Dibromoethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Chlorobenzene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Ethylbenzene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
m,p-Xylene	ND	0.40	EPA 8260D	10-16-23	10-16-23	
o-Xylene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
Bromoform	ND	1.0	EPA 8260D	10-16-23	10-16-23	
Bromobenzene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	10-16-23	10-16-23	
2-Chlorotoluene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
4-Chlorotoluene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	10-16-23	10-16-23	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	10-16-23	10-16-23	
1,2,4-Trichlorobenzene	ND	1.0	EPA 8260D	10-16-23	10-16-23	
Hexachlorobutadiene	ND	1.0	EPA 8260D	10-16-23	10-16-23	
1,2,3-Trichlorobenzene	ND	1.0	EPA 8260D	10-16-23	10-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*104*	*75-127*				
Toluene-d8	*106*	*80-127*				
4-Bromofluorobenzene	*102*	*78-125*				

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Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1016W1									
	SB	SBD	SB	SBD	SB	SBD				
Dichlorodifluoromethane	**11.4**	**9.59**	10.0	10.0	114	96	34-166	17	21	
Chloromethane	**7.69**	**6.63**	10.0	10.0	77	66	63-138	15	18	
Vinyl Chloride	**9.12**	**8.03**	10.0	10.0	91	80	71-135	13	20	
Bromomethane	**11.4**	**10.1**	10.0	10.0	114	101	20-151	12	36	
Chloroethane	**8.59**	**7.29**	10.0	10.0	86	73	76-125	16	20	I
Trichlorofluoromethane	**10.3**	**9.42**	10.0	10.0	103	94	75-131	9	19	
1,1-Dichloroethene	**10.1**	**9.00**	10.0	10.0	101	90	78-125	12	19	
Iodomethane	**13.3**	**12.1**	10.0	10.0	133	121	10-155	9	40	
Methylene Chloride	**9.44**	**8.62**	10.0	10.0	94	86	80-120	9	15	
(trans) 1,2-Dichloroethene	**9.52**	**8.82**	10.0	10.0	95	88	80-125	8	17	
Methyl t-Butyl Ether	**10.1**	**9.23**	10.0	10.0	101	92	80-122	9	15	
1,1-Dichloroethane	**9.61**	**8.69**	10.0	10.0	96	87	80-125	10	17	
2,2-Dichloropropane	**11.5**	**10.9**	10.0	10.0	115	109	80-146	5	21	
(cis) 1,2-Dichloroethene	**10.0**	**9.32**	10.0	10.0	100	93	80-129	7	17	
Bromochloromethane	**9.81**	**9.31**	10.0	10.0	98	93	80-125	5	18	
Chloroform	**9.93**	**9.12**	10.0	10.0	99	91	80-123	9	16	
1,1,1-Trichloroethane	**10.1**	**9.13**	10.0	10.0	101	91	80-123	10	18	
Carbon Tetrachloride	**10.4**	**9.59**	10.0	10.0	104	96	80-126	8	17	
1,1-Dichloropropene	**10.0**	**9.31**	10.0	10.0	100	93	80-126	7	18	
Benzene	**9.37**	**8.53**	10.0	10.0	94	85	80-121	9	16	
1,2-Dichloroethane	**11.1**	**10.3**	10.0	10.0	111	103	80-124	7	15	
Trichloroethene	**10.5**	**9.54**	10.0	10.0	105	95	80-122	10	18	
1,2-Dichloropropane	**9.46**	**8.85**	10.0	10.0	95	89	80-123	7	15	
Dibromomethane	**10.4**	**9.64**	10.0	10.0	104	96	80-123	8	15	
Bromodichloromethane	**10.8**	**9.70**	10.0	10.0	108	97	80-125	11	15	
(cis) 1,3-Dichloropropene	**10.6**	**9.81**	10.0	10.0	106	98	80-129	8	15	
Toluene	**9.63**	**9.18**	10.0	10.0	96	92	80-120	5	18	
(trans) 1,3-Dichloropropene	**11.9**	**11.1**	10.0	10.0	119	111	80-134	7	17	

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Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 2 of 2

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1016W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1,2-Trichloroethane	**9.97**	**9.87**	10.0	10.0	100	99	77-126	1	20	
Tetrachloroethene	**11.5**	**11.0**	10.0	10.0	115	110	80-124	4	18	
1,3-Dichloropropane	**10.5**	**10.1**	10.0	10.0	105	101	80-120	4	15	
Dibromochloromethane	**11.5**	**10.6**	10.0	10.0	115	106	80-128	8	15	
1,2-Dibromoethane	**11.6**	**10.6**	10.0	10.0	116	106	80-127	9	15	
Chlorobenzene	**11.2**	**11.0**	10.0	10.0	112	110	80-120	2	17	
1,1,1,2-Tetrachloroethane	**11.2**	**10.9**	10.0	10.0	112	109	80-125	3	17	
Ethylbenzene	**11.0**	**10.6**	10.0	10.0	110	106	80-125	4	18	
m,p-Xylene	**22.3**	**21.7**	20.0	20.0	112	109	80-127	3	18	
o-Xylene	**10.9**	**10.7**	10.0	10.0	109	107	80-126	2	18	
Bromoform	**12.6**	**12.0**	10.0	10.0	126	120	80-130	5	15	
Bromobenzene	**11.1**	**10.5**	10.0	10.0	111	105	76-128	6	16	
1,1,2,2-Tetrachloroethane	**10.3**	**10.3**	10.0	10.0	103	103	74-130	0	15	
1,2,3-Trichloropropane	**9.95**	**9.79**	10.0	10.0	100	98	71-129	2	25	
2-Chlorotoluene	**11.2**	**11.4**	10.0	10.0	112	114	80-128	2	18	
4-Chlorotoluene	**11.4**	**11.2**	10.0	10.0	114	112	80-130	2	19	
1,3-Dichlorobenzene	**11.6**	**11.4**	10.0	10.0	116	114	80-126	2	17	
1,4-Dichlorobenzene	**11.3**	**11.3**	10.0	10.0	113	113	80-121	0	17	
1,2-Dichlorobenzene	**11.4**	**11.3**	10.0	10.0	114	113	79-125	1	15	
1,2-Dibromo-3-chloropropane	**11.7**	**11.4**	10.0	10.0	117	114	73-133	3	15	
1,2,4-Trichlorobenzene	**13.6**	**14.5**	10.0	10.0	136	145	80-139	6	18	I
Hexachlorobutadiene	**12.8**	**13.1**	10.0	10.0	128	131	80-151	2	18	
1,2,3-Trichlorobenzene	**13.9**	**15.1**	10.0	10.0	139	151	75-146	8	28	I
Surrogate:										
Dibromofluoromethane					*104*	*102*	*75-127*			
Toluene-d8					*111*	*109*	*80-127*			
4-Bromofluorobenzene					*100*	*103*	*78-125*			

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Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**ST-piping-SS-20-6.5**					
Laboratory ID:	10-177-01					
Naphthalene	**2.1**	0.030	EPA 8270E/SIM	10-16-23	10-16-23	
2-Methylnaphthalene	**6.6**	0.15	EPA 8270E/SIM	10-16-23	10-17-23	
1-Methylnaphthalene	**4.6**	0.15	EPA 8270E/SIM	10-16-23	10-17-23	
Benzo[a]anthracene	**ND**	0.030	EPA 8270E/SIM	10-16-23	10-16-23	
Chrysene	**0.071**	0.030	EPA 8270E/SIM	10-16-23	10-16-23	
Benzo[b]fluoranthene	**0.045**	0.030	EPA 8270E/SIM	10-16-23	10-16-23	
Benzo(j,k)fluoranthene	**ND**	0.030	EPA 8270E/SIM	10-16-23	10-16-23	
Benzo[a]pyrene	**0.034**	0.030	EPA 8270E/SIM	10-16-23	10-16-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.030	EPA 8270E/SIM	10-16-23	10-16-23	
Dibenz[a,h]anthracene	**ND**	0.030	EPA 8270E/SIM	10-16-23	10-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*69*	*39-111*				
Pyrene-d10	*97*	*47-114*				
Terphenyl-d14	*76*	*44-121*				

Client ID:	**ST-piping-SS-21-2.0**					
Laboratory ID:	10-177-02					
Naphthalene	**ND**	0.030	EPA 8270E/SIM	10-16-23	10-16-23	
2-Methylnaphthalene	**ND**	0.030	EPA 8270E/SIM	10-16-23	10-16-23	
1-Methylnaphthalene	**ND**	0.030	EPA 8270E/SIM	10-16-23	10-16-23	
Benzo[a]anthracene	**0.11**	0.030	EPA 8270E/SIM	10-16-23	10-16-23	
Chrysene	**0.13**	0.030	EPA 8270E/SIM	10-16-23	10-16-23	
Benzo[b]fluoranthene	**0.18**	0.030	EPA 8270E/SIM	10-16-23	10-16-23	
Benzo(j,k)fluoranthene	**0.056**	0.030	EPA 8270E/SIM	10-16-23	10-16-23	
Benzo[a]pyrene	**0.13**	0.030	EPA 8270E/SIM	10-16-23	10-16-23	
Indeno(1,2,3-c,d)pyrene	**0.16**	0.030	EPA 8270E/SIM	10-16-23	10-16-23	
Dibenz[a,h]anthracene	**0.031**	0.030	EPA 8270E/SIM	10-16-23	10-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*80*	*39-111*				
Pyrene-d10	*91*	*47-114*				
Terphenyl-d14	*93*	*44-121*				

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Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**ST-piping-SS-22-2.0**					
Laboratory ID:	10-177-03					
Naphthalene	**ND**	0.029	EPA 8270E/SIM	10-16-23	10-16-23	
2-Methylnaphthalene	**ND**	0.029	EPA 8270E/SIM	10-16-23	10-16-23	
1-Methylnaphthalene	**ND**	0.029	EPA 8270E/SIM	10-16-23	10-16-23	
Benzo[a]anthracene	**0.57**	0.029	EPA 8270E/SIM	10-16-23	10-16-23	
Chrysene	**0.59**	0.029	EPA 8270E/SIM	10-16-23	10-16-23	
Benzo[b]fluoranthene	**0.68**	0.029	EPA 8270E/SIM	10-16-23	10-16-23	
Benzo(j,k)fluoranthene	**0.23**	0.029	EPA 8270E/SIM	10-16-23	10-16-23	
Benzo[a]pyrene	**0.63**	0.029	EPA 8270E/SIM	10-16-23	10-16-23	
Indeno(1,2,3-c,d)pyrene	**0.37**	0.029	EPA 8270E/SIM	10-16-23	10-16-23	
Dibenz[a,h]anthracene	**0.088**	0.029	EPA 8270E/SIM	10-16-23	10-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*74*	*39-111*				
Pyrene-d10	*87*	*47-114*				
Terphenyl-d14	*92*	*44-121*				

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Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1016S1					
Naphthalene	**ND**	0.0067	EPA 8270E/SIM	10-16-23	10-16-23	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270E/SIM	10-16-23	10-16-23	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270E/SIM	10-16-23	10-16-23	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270E/SIM	10-16-23	10-16-23	
Chrysene	**ND**	0.0067	EPA 8270E/SIM	10-16-23	10-16-23	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270E/SIM	10-16-23	10-16-23	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270E/SIM	10-16-23	10-16-23	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270E/SIM	10-16-23	10-16-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0067	EPA 8270E/SIM	10-16-23	10-16-23	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270E/SIM	10-16-23	10-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*80*	*39-111*				
Pyrene-d10	*87*	*47-114*				
Terphenyl-d14	*92*	*44-121*				

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Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1016S1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.0700**	**0.0664**	0.0833	0.0833	84	80	57-116	5	16	
Acenaphthylene	**0.0796**	**0.0743**	0.0833	0.0833	96	89	59-124	7	15	
Acenaphthene	**0.0749**	**0.0709**	0.0833	0.0833	90	85	59-124	5	15	
Fluorene	**0.0739**	**0.0752**	0.0833	0.0833	89	90	62-122	2	15	
Phenanthrene	**0.0685**	**0.0776**	0.0833	0.0833	82	93	62-119	12	15	
Anthracene	**0.0749**	**0.0863**	0.0833	0.0833	90	104	64-123	14	15	
Fluoranthene	**0.0757**	**0.0820**	0.0833	0.0833	91	98	63-123	8	15	
Pyrene	**0.0772**	**0.0822**	0.0833	0.0833	93	99	62-124	6	15	
Benzo[a]anthracene	**0.0756**	**0.0754**	0.0833	0.0833	91	91	59-131	0	15	
Chrysene	**0.0784**	**0.0790**	0.0833	0.0833	94	95	61-124	1	15	
Benzo[b]fluoranthene	**0.0783**	**0.0764**	0.0833	0.0833	94	92	60-126	2	15	
Benzo(j,k)fluoranthene	**0.0827**	**0.0847**	0.0833	0.0833	99	102	63-121	2	17	
Benzo[a]pyrene	**0.0783**	**0.0785**	0.0833	0.0833	94	94	60-122	0	15	
Indeno(1,2,3-c,d)pyrene	**0.0760**	**0.0777**	0.0833	0.0833	91	93	58-127	2	15	
Dibenz[a,h]anthracene	**0.0833**	**0.0849**	0.0833	0.0833	100	102	60-124	2	15	
Benzo[g,h,i]perylene	**0.0808**	**0.0817**	0.0833	0.0833	97	98	58-124	1	15	
Surrogate:										
2-Fluorobiphenyl					*80*	*76*	*39-111*			
Pyrene-d10					*83*	*88*	*47-114*			
Terphenyl-d14					*92*	*92*	*44-121*			

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Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

PCBs EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**ST-piping-SS-20-6.5**					
Laboratory ID:	10-177-01					
Aroclor 1016	**ND**	0.057	EPA 8082A	10-16-23	10-16-23	
Aroclor 1221	**ND**	0.057	EPA 8082A	10-16-23	10-16-23	
Aroclor 1232	**ND**	0.057	EPA 8082A	10-16-23	10-16-23	
Aroclor 1242	**ND**	0.057	EPA 8082A	10-16-23	10-16-23	
Aroclor 1248	**ND**	0.057	EPA 8082A	10-16-23	10-16-23	
Aroclor 1254	**ND**	0.057	EPA 8082A	10-16-23	10-16-23	
Aroclor 1260	**ND**	0.057	EPA 8082A	10-16-23	10-16-23	
Aroclor 1262	**ND**	0.057	EPA 8082A	10-16-23	10-16-23	
Aroclor 1268	**ND**	0.057	EPA 8082A	10-16-23	10-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*92*	*50-127*				
Client ID:	**ST-piping-SS-21-2.0**					
Laboratory ID:	10-177-02					
Aroclor 1016	**ND**	0.055	EPA 8082A	10-16-23	10-16-23	
Aroclor 1221	**ND**	0.055	EPA 8082A	10-16-23	10-16-23	
Aroclor 1232	**ND**	0.055	EPA 8082A	10-16-23	10-16-23	
Aroclor 1242	**ND**	0.055	EPA 8082A	10-16-23	10-16-23	
Aroclor 1248	**ND**	0.055	EPA 8082A	10-16-23	10-16-23	
Aroclor 1254	**ND**	0.055	EPA 8082A	10-16-23	10-16-23	
Aroclor 1260	**ND**	0.055	EPA 8082A	10-16-23	10-16-23	
Aroclor 1262	**ND**	0.055	EPA 8082A	10-16-23	10-16-23	
Aroclor 1268	**ND**	0.055	EPA 8082A	10-16-23	10-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*85*	*50-127*				
Client ID:	**ST-piping-SS-22-2.0**					
Laboratory ID:	10-177-03					
Aroclor 1016	**ND**	0.055	EPA 8082A	10-16-23	10-16-23	
Aroclor 1221	**ND**	0.055	EPA 8082A	10-16-23	10-16-23	
Aroclor 1232	**ND**	0.055	EPA 8082A	10-16-23	10-16-23	
Aroclor 1242	**ND**	0.055	EPA 8082A	10-16-23	10-16-23	
Aroclor 1248	**ND**	0.055	EPA 8082A	10-16-23	10-16-23	
Aroclor 1254	**ND**	0.055	EPA 8082A	10-16-23	10-16-23	
Aroclor 1260	**ND**	0.055	EPA 8082A	10-16-23	10-16-23	
Aroclor 1262	**ND**	0.055	EPA 8082A	10-16-23	10-16-23	
Aroclor 1268	**ND**	0.055	EPA 8082A	10-16-23	10-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*99*	*50-127*				

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Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

PCBs EPA 8082A
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1016S1					
Aroclor 1016	**ND**	0.050	EPA 8082A	10-16-23	10-16-23	
Aroclor 1221	**ND**	0.050	EPA 8082A	10-16-23	10-16-23	
Aroclor 1232	**ND**	0.050	EPA 8082A	10-16-23	10-16-23	
Aroclor 1242	**ND**	0.050	EPA 8082A	10-16-23	10-16-23	
Aroclor 1248	**ND**	0.050	EPA 8082A	10-16-23	10-16-23	
Aroclor 1254	**ND**	0.050	EPA 8082A	10-16-23	10-16-23	
Aroclor 1260	**ND**	0.050	EPA 8082A	10-16-23	10-16-23	
Aroclor 1262	**ND**	0.050	EPA 8082A	10-16-23	10-16-23	
Aroclor 1268	**ND**	0.050	EPA 8082A	10-16-23	10-16-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*99*	*50-127*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS											
Laboratory ID:	SB1016S1										
	SB	SBD	SB	SBD		SB	SBD				
Aroclor 1260	**0.428**	**0.432**	0.500	0.500	N/A	**86**	**86**	55-119	1	34	
Surrogate:											
DCB						*92*	*91*	*50-127*			

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Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

TOTAL METALS
EPA 6010D/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**ST-piping-SS-20-6.5**					
Laboratory ID:	10-177-01					
Arsenic	**31**	11	EPA 6010D	10-13-23	10-13-23	
Barium	**82**	2.8	EPA 6010D	10-13-23	10-13-23	
Cadmium	**0.85**	0.57	EPA 6010D	10-13-23	10-13-23	
Chromium	**25**	0.57	EPA 6010D	10-13-23	10-13-23	
Copper	**67**	1.1	EPA 6010D	10-13-23	10-13-23	
Lead	**49**	5.7	EPA 6010D	10-13-23	10-13-23	
Mercury	**ND**	0.28	EPA 7471B	10-16-23	10-16-23	
Nickel	**94**	2.8	EPA 6010D	10-13-23	10-13-23	
Selenium	**ND**	11	EPA 6010D	10-13-23	10-13-23	
Silver	**ND**	1.1	EPA 6010D	10-13-23	10-13-23	
Zinc	**280**	2.8	EPA 6010D	10-13-23	10-13-23	
Client ID:	**ST-piping-SS-21-2.0**					
Laboratory ID:	10-177-02					
Arsenic	**ND**	11	EPA 6010D	10-13-23	10-13-23	
Barium	**41**	2.8	EPA 6010D	10-13-23	10-13-23	
Cadmium	**ND**	0.55	EPA 6010D	10-13-23	10-13-23	
Chromium	**55**	0.55	EPA 6010D	10-13-23	10-13-23	
Copper	**56**	1.1	EPA 6010D	10-13-23	10-13-23	
Lead	**18**	5.5	EPA 6010D	10-13-23	10-13-23	
Mercury	**ND**	0.28	EPA 7471B	10-16-23	10-16-23	
Nickel	**64**	2.8	EPA 6010D	10-13-23	10-13-23	
Selenium	**ND**	11	EPA 6010D	10-13-23	10-13-23	
Silver	**ND**	1.1	EPA 6010D	10-13-23	10-13-23	
Zinc	**44**	2.8	EPA 6010D	10-13-23	10-13-23	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

TOTAL METALS
EPA 6010D/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**ST-piping-SS-22-2.0**					
Laboratory ID:	10-177-03					
Arsenic	**ND**	11	EPA 6010D	10-13-23	10-13-23	
Barium	**33**	2.7	EPA 6010D	10-13-23	10-13-23	
Cadmium	**ND**	0.55	EPA 6010D	10-13-23	10-13-23	
Chromium	**20**	0.55	EPA 6010D	10-13-23	10-13-23	
Copper	**30**	1.1	EPA 6010D	10-13-23	10-13-23	
Lead	**18**	5.5	EPA 6010D	10-13-23	10-13-23	
Mercury	**ND**	0.27	EPA 7471B	10-16-23	10-16-23	
Nickel	**58**	2.7	EPA 6010D	10-13-23	10-13-23	
Selenium	**ND**	11	EPA 6010D	10-13-23	10-13-23	
Silver	**ND**	1.1	EPA 6010D	10-13-23	10-13-23	
Zinc	**43**	2.7	EPA 6010D	10-13-23	10-13-23	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

TOTAL METALS
EPA 6010D/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1013SM1					
Arsenic	**ND**	10	EPA 6010D	10-13-23	10-13-23	
Barium	**ND**	2.5	EPA 6010D	10-13-23	10-13-23	
Cadmium	**ND**	0.50	EPA 6010D	10-13-23	10-13-23	
Chromium	**ND**	0.50	EPA 6010D	10-13-23	10-13-23	
Copper	**ND**	1.0	EPA 6010D	10-13-23	10-13-23	
Lead	**ND**	5.0	EPA 6010D	10-13-23	10-13-23	
Nickel	**ND**	2.5	EPA 6010D	10-13-23	10-13-23	
Selenium	**ND**	10	EPA 6010D	10-13-23	10-13-23	
Silver	**ND**	1.0	EPA 6010D	10-13-23	10-13-23	
Zinc	**ND**	2.5	EPA 6010D	10-13-23	10-13-23	
Laboratory ID:	MB1016S1					
Mercury	**ND**	0.25	EPA 7471B	10-16-23	10-16-23	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

TOTAL METALS
EPA 6010D/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	10-091-04										
	ORIG	DUP									
Arsenic	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Barium	**18.0**	**17.5**	NA	NA		NA		NA	3	20	
Cadmium	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Chromium	**9.65**	**9.10**	NA	NA		NA		NA	6	20	
Copper	**16.6**	**17.8**	NA	NA		NA		NA	7	20	
Lead	**24.5**	**27.9**	NA	NA		NA		NA	13	20	
Nickel	**7.25**	**7.35**	NA	NA		NA		NA	1	20	
Selenium	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Silver	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Zinc	**43.8**	**42.7**	NA	NA		NA		NA	3	20	
Laboratory ID:	10-089-02										
Mercury	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	10-091-04										
	MS	MSD	MS	MSD		MS	MSD				
Arsenic	**102**	**101**	100	100	ND	**102**	**101**	75-125	1	20	
Barium	**116**	**115**	100	100	18.0	**98**	**97**	75-125	1	20	
Cadmium	**47.3**	**46.4**	50.0	50.0	ND	**95**	**93**	75-125	2	20	
Chromium	**109**	**107**	100	100	9.65	**100**	**97**	75-125	2	20	
Copper	**67.1**	**65.7**	50.0	50.0	16.6	**101**	**98**	75-125	2	20	
Lead	**282**	**275**	250	250	24.5	**103**	**100**	75-125	2	20	
Nickel	**108**	**105**	100	100	7.25	**101**	**98**	75-125	2	20	
Selenium	**94.0**	**93.1**	100	100	ND	**94**	**93**	75-125	1	20	
Silver	**24.6**	**24.0**	25.0	25.0	ND	**98**	**96**	75-125	2	20	
Zinc	**139**	**139**	100	100	43.8	**95**	**95**	75-125	0	20	
Laboratory ID:	10-089-02										
Mercury	**0.509**	**0.527**	0.500	0.500	0.0446	**93**	**97**	80-120	3	20	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 17, 2023
Samples Submitted: October 13, 2023
Laboratory Reference: 2310-177
Project: Star Forge UST Site Assessment

% MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
ST-piping-SS-20-6.5	10-177-01	**12**	10-13-23
ST-piping-SS-21-2.0	10-177-02	**10**	10-13-23
ST-piping-SS-22-2.0	10-177-03	**9**	10-13-23

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Chain of Custody

Page 1 of 1

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: DH Environmental
Project Number:
Project Name: Star Forge UST Site Assessment
Project Manager: N. Moxley
Sampled by: N. Moxley

Turnaround Request (in working days)

(Check One)

☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☐ Standard (7 Days)
☒ Fastest Available (other)

Laboratory Number: 10-177

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (SG Clean-up☐)	Volatiles 8260 *See 1,2,1	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level) cPAHs + Naphthalenes	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals + Cu, Ni, Zn	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664					% Moisture
1	ST-piping-SS-20-6.5	10/13/23	0920	S.1	5			X	X	X				X	X				X								40
2	ST-piping-SS-21-2.0	↓	0930	↓	↓			↓	↓	↓				↓	↓				↓								1
3	ST-piping-SS-22-2.0	↓	0940	↓	↓			↓	↓	↓				↓	↓				↓								
4	trip blank			W	3			X		X																	

	Signature	Company	Date	Time
Relinquished		DHE	10/13/23	1100
Received		OHE	10-13-23	1100
Relinquished		OHE	10-13-23	1305
Received		OHE	10/13/23	1305
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Please report to lowest possible limits, but note potentially elevated petroleum concentrations

* EDB, EDC, MTBE, BTEX, HVOCs

Data Package: Standard ☒ Level III ☐ Level IV ☐

Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☒

DEPARTMENT OF ECOLOGY
State of Washington

PERMANENT CLOSURE NOTICE
FOR UNDERGROUND STORAGE TANKS

UST ID #: _____

County: _____

This notice certifies that permanent closure activities were performed and conducted in accordance with Chapter 173-360A WAC. Instructions are found on the back page.

I. UST FACILITY		II. OWNER/OPERATOR INFORMATION	
Facility Compliance Tag #:	604 027 650	Owner/Operator Name:	Star Forge
UST ID #:	6163	Business Name:	Star Forge
Site Name:	Former Jorgensen Forge	Address:	8531 E. Marginal Way S.
Site Address:	8531 E. Marginal Way S.	City: Tukwila	State: WA Zip: 98108
City:	Tukwila, WA	Phone:	Wayne Turk, 206-255-8177
Phone:	Wayne Turk, 206-255-8177	Email:	wturk@jorgensenforge.com

III. CERTIFIED UST DECOMMISSIONER			
Company Name:	EcoCon, Inc. (ECI)	Service Provider Name:	EcoCon, Inc. (ECI)
Address:	15 S. Oregon Ave., Suite 104	Certification Type:	Decommissioning
City: Tacoma	State: WA Zip: 98409	Cert. No.: 8289423	Exp. Date: 03/04/2024
Provider Phone:	206-779-0050	Provider Email:	brad@alleci.com
Provider Signature:		***Date:***	6/5/2024

IV. TANK INFORMATION

TANK ID	TANK CAPACITY	LAST SUBSTANCE STORED	CLOSURE METHOD			CLOSURE DATE
			removal	closed-in-place	change-in-service	
See attached pages for tank information			☐	☐	☐	
All tanks closed by permanent removal on 8/18/2023			☐	☐	☐	
			☐	☐	☐	
			☐	☐	☐	
			☐	☐	☐	
			☐	☐	☐	

V. REQUIRED SIGNATURE

Signature acknowledges UST(s) comply with UST regulation WAC 173-360A-0810 Permanent Closure Requirements.

Date	Signature of Tank Owner/Operator or Authorized Representative	Print or Type Name
06/05/2024	Stephen D Busby	STEPHEN BUSBY

ECY 020-94 (Revised October 2018)

UBI number
604 027 650

IV Individual tank information See pages 2 and 3 of the instructions for proper codes before completing this section.

	First Tank	Second Tank	Third Tank	Fourth Tank	Fifth Tank
A Tank name	UST-15	UST-16	UST-17	UST-18	UST-19
B Tank installation date	~ 1942	~ 1942	~ 1942	~ 1942	~ 1942
D Tank material	A	A	A	A	A
E1 Tank construction	A	A	A	A	A
E2 Manifolded tank	A	A	A	A	A
F Tank release detection	O	O	O	O	O
H Tank corrosion protection	O	O	O	O	O
I Spill prevention	O	O	O	O	O
J Overfill protection	O	O	O	O	O
K2 Piping Installation Date	~ 1942	~ 1942	~ 1942	~ 1942	~ 1942
K1 Piping material	A	A	A	A	A
L Piping construction	A	A	A	A	A
M1 Piping release detection **(primary)**	O	O	O	O	O
M2 Piping release detection **(secondary)**	J	J	J	J	J
M3 Turbine sump construction	O	O	O	O	O
O1 Piping corrosion protection	O	O	O	O	O
O2 Steel flex connector at tank	J	J	J	J	J
O3 Steel flex connector at dispenser/pump	J	J	J	J	J
P Pumping system	O	O	O	O	O

Compartments	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
Q Substance stored	D			D			D			D			D		
R Substance use	B			B			B			B			B		
S Compartment capacity	12,000			12,000			12,000			12,000			12,000		

For new or unregistered tanks only

UBI number 604 027 650

IV Individual tank information See pages 2 and 3 of the instructions for proper codes before completing this section.

	6th Tank			7th Tank			8th Tank			9th Tank			10th Tank		
A Tank name	UST-20			UST-21			UST-22			UST-26			UST-27		
B Tank installation date	~ 1942			~ 1942			~ 1942			~1975			~1975		
D Tank material	A			A			A			A			A		
E1 Tank construction	A			A			A			A			A		
E2 Manifolded tank	A			A			A			A			A		
F Tank release detection	O			O			O			O			O		
H Tank corrosion protection	O			O			O			O			O		
I Spill prevention	O			O			O			O			O		
J Overfill protection	O			O			O			O			O		
K2 Piping Installation Date	~ 1942			~ 1942			~ 1942			~1975			~1975		
K1 Piping material	A			A			A			A			A		
L Piping construction	A			A			A			A			A		
M1 Piping release detection **(primary)**	O			O			O			O			O		
M2 Piping release detection **(secondary)**	J			J			J			J			J		
M3 Turbine sump construction	O			O			O			O			O		
O1 Piping corrosion protection	O			O			O			O			O		
O2 Steel flex connector at tank	J			J			J			J			J		
O3 Steel flex connector at dispenser/pump	J			J			J			J			J		
P Pumping system	O			O			O			O			O		
Compartments	**1**	**2**	**3**	**1**	**2**	**3**	**1**	**2**	**3**	**1**	**2**	**3**	**1**	2	3
Q Substance stored	D			D			D			O			O		
R Substance use	B			B			B			G			G		
S Compartment capacity	12,000			12,000			12,000			13,500			13,500		

For new or unregistered tanks only

UBI number 604 027 650

IV Individual tank information See pages 2 and 3 of the instructions for proper codes before completing this section.

	11th Tank	12th Tank	13th Tank	14th Tank	15th Tank
A Tank name	UST-28	UST-29	UST-30	UST-31	UST-32
B Tank installation date	~1975	~1975	~1975	~1975	~1975
D Tank material	A	A	A	A	A
E1 Tank construction	A	A	A	A	A
E2 Manifolded tank	A	A	A	A	A
F Tank release detection	O	O	O	O	O
H Tank corrosion protection	O	O	O	O	O
I Spill prevention	O	O	O	O	O
J Overfill protection	O	O	O	O	O
K2 Piping Installation Date	~1975	~1975	~1975	~1975	~1975
K1 Piping material	A	A	A	A	A
L Piping construction	A	A	A	A	A
M1 Piping release detection **(primary)**	O	O	O	O	O
M2 Piping release detection **(secondary)**	J	J	J	J	J
M3 Turbine sump construction	O	O	O	O	O
O1 Piping corrosion protection	O	O	O	O	O
O2 Steel flex connector at tank	J	J	J	J	J
O3 Steel flex connector at dispenser/pump	J	J	J	J	J
P Pumping system	O	O	O	O	O

Compartments	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
Q Substance stored	O			O			O			O			O		
R Substance use	G			G			G			G			G		
S Compartment capacity	13,500			13,500			13,500			13,500			13,500		

For new or unregistered tanks only

UBI number 604 027 650

IV Individual tank information See pages 2 and 3 of the instructions for proper codes before completing this section.

	16th Tank			17th Tank			18th Tank			19th Tank			20th Tank		
A Tank name	UST-33			UST-34			UST-35								
B Tank installation date	~1975			~1975			~1975								
D Tank material	A			A			A								
E1 Tank construction	A			A			A								
E2 Manifolded tank	A			A			A								
F Tank release detection	O			O			O								
H Tank corrosion protection	O			O			O								
I Spill prevention	O			O			O								
J Overfill protection	O			O			O								
K2 Piping Installation Date	~1975			~1975			~1975								
K1 Piping material	A			A			A								
L Piping construction	A			A			A								
M1 Piping release detection **(primary)**	O			O			O								
M2 Piping release detection **(secondary)**	J			J			J								
M3 Turbine sump construction	O			O			O								
O1 Piping corrosion protection	O			O			O								
O2 Steel flex connector at tank	J			J			J								
O3 Steel flex connector at dispenser/pump	J			J			J								
P Pumping system	O			O			O								
Compartments	**1**	**2**	**3**	**1**	**2**	**3**	**1**	**2**	**3**	**1**	**2**	**3**	**1**	2	3
Q Substance stored	O			O			O								
R Substance use	G			G			G								
S Compartment capacity	13,500			13,500			13,500								

For new or unregistered tanks only

DEPARTMENT OF ECOLOGY
State of Washington

UST ID #: _____

County: _____

SITE CHECK/SITE ASSESSMENT CHECKLIST

FOR UNDERGROUND STORAGE TANKS

This checklist certifies that site check or site assessment activities were performed in accordance with Chapter 173-360A WAC. Instructions are found on the last page.

I. UST FACILITY		II. OWNER/OPERATOR INFORMATION	
Facility Compliance Tag #:	604 027 650	Owner/Operator Name:	Star Forge
UST ID #:	6163	Business Name:	Star Forge
Site Name:	Former Jorgensen Forge	Address:	8531 E. Marginal Way S.
Site Address:	8531 E. Marginal Way S.	City: Tukwila State: WA Zip:	98108
City:	Tukwila, WA	Phone:	Wayne Turk, 206-255-8177
Phone:	Wayne Turk, 206-255-8177	Email:	wturk@jorgensenforge.com

III. CERTIFIED SITE ASSESSOR			
Service Provider Name:	Nathan Moxley	Company Name:	DH Environmental, Inc.
Cell Phone: 509-332-9281 Email:	nathan.moxley@dhenviro.com	Address:	1011 SW Klickitat Way, #107
Certification #:	WA LHG, # 3024 Exp. Date: 6/7/2024	City: Seattle State: WA Zip:	98134

IV. TANK INFORMATION

TANK ID	TANK CAPACITY	LAST SUBSTANCE STORED	DATE SITE CHECK OR ASSESSMENT CONDUCTED
See attached pages for tank information			
Site assessment sampling for all tanks completed between 8/21/23 and 10/13/23			

V. REASON FOR CONDUCTING SITE CHECK/SITE ASSESSMENT (check one)

- ☐ Release investigation following permanent UST system closure (i.e. tank removal or closure-in-place).
- ☐ Release investigation following a failed tank and/or line tightness test.
- ☐ Release investigation following discovery of contaminated soil and/or groundwater.
- ☐ Release investigation directed by Ecology to determine if the UST system is the source of offsite impacts.
- ☐ UST system is undergoing a "change-in-service", which is changing from storing a regulated substance (e.g. gasoline) to storing a non-regulated substance (e.g. water).
- ☐ Directed by Ecology for UST system permanently closed or abandoned before 12/22/1988.
- ☒ Other (describe): As required by Agreed Order No. DE 21034

VI. CHECKLIST

The site assessor must check each of the following items and include it in the report. Sections referenced below can be found in the Ecology publication *Guidance for Site Checks and Site Assessments for Underground Storage Tanks*.	YES	NO
1. The location of the UST site is shown on a vicinity map.	☒	☐
2. A brief summary of information obtained during the site inspection is provided (Section 3.2)	☒	☐
3. A summary of UST system data is provided (Section 3.1)	☒	☐
4. The soils characteristics at the UST site are described. (Section 5.2)	☒	☐
5. Is there any apparent groundwater in the tank excavation?	☐	☒
6. A brief description of the surrounding land use is provided. (Section 3.1)	☒	☐
7. The name and address of the laboratory used to perform analyses is provided. The methods used to collect and analyze the samples, including the number and types of samples collected, are also documented in the report. The data from the laboratory is appended to the report.	☒	☐
8. The following items are provided in one or more sketches:		
• Location and ID number for all field samples collected	☒	☐
• If applicable, groundwater samples are distinguished from soil samples	☐	☐
• Location of samples collected from stockpiled excavated soil	☒	☐
• Tank and piping locations and limits of excavation pit	☒	☐
• Adjacent structures and streets	☒	☐
• Approximate locations of any on-site and nearby utilities	☒	☐
9. If sampling procedures are different from those specified in the guidance, has justification for using these alternative sampling procedures been provided? (Section 3.4)	☒	☐
10. A table is provided showing laboratory results for each sample collected including; sample ID number, constituents analyzed for and corresponding concentration, analytical method, and detection limit for that method. Any sample exceeding MTCA Method A cleanup standards are highlighted or bolded.	☒	☐
11. Any factors that may have compromised the quality of the data or validity of the results are described.	☒	☐
12. The results of this site check/site assessment indicate that a confirmed release of a regulated substance has occurred. The requirements for reporting confirmed releases can be found in WAC 173-360-372.	☒	☐

VII. REQUIRED SIGNATURES

Signature acknowledges the Site Check or Site Assessment complies with UST regulations WAC 173-360A-0730 through 0750.

Nathan Moxley, LHG		6/5/2024
Print or Type Name	Signature of Certified Site Assessor	Date

UBI number
604 027 650

IV Individual tank information See pages 2 and 3 of the instructions for proper codes before completing this section.

	First Tank	Second Tank	Third Tank	Fourth Tank	Fifth Tank
A Tank name	UST-15	UST-16	UST-17	UST-18	UST-19
B Tank installation date	~ 1942	~ 1942	~ 1942	~ 1942	~ 1942
D Tank material	A	A	A	A	A
E1 Tank construction	A	A	A	A	A
E2 Manifolded tank	A	A	A	A	A
F Tank release detection	O	O	O	O	O
H Tank corrosion protection	O	O	O	O	O
I Spill prevention	O	O	O	O	O
J Overfill protection	O	O	O	O	O
K2 Piping Installation Date	~ 1942	~ 1942	~ 1942	~ 1942	~ 1942
K1 Piping material	A	A	A	A	A
L Piping construction	A	A	A	A	A
M1 Piping release detection **(primary)**	O	O	O	O	O
M2 Piping release detection **(secondary)**	J	J	J	J	J
M3 Turbine sump construction	O	O	O	O	O
O1 Piping corrosion protection	O	O	O	O	O
O2 Steel flex connector at tank	J	J	J	J	J
O3 Steel flex connector at dispenser/pump	J	J	J	J	J
P Pumping system	O	O	O	O	O

Compartments	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
Q Substance stored	D			D			D			D			D		
R Substance use	B			B			B			B			B		
S Compartment capacity	12,000			12,000			12,000			12,000			12,000		

For new or unregistered tanks only

UBI number 604 027 650

IV Individual tank information See pages 2 and 3 of the instructions for proper codes before completing this section.

	6th Tank			7th Tank			8th Tank			9th Tank			10th Tank		
A Tank name	UST-20			UST-21			UST-22			UST-26			UST-27		
B Tank installation date	~ 1942			~ 1942			~ 1942			~1975			~1975		
D Tank material	A			A			A			A			A		
E1 Tank construction	A			A			A			A			A		
E2 Manifolded tank	A			A			A			A			A		
F Tank release detection	O			O			O			O			O		
H Tank corrosion protection	O			O			O			O			O		
I Spill prevention	O			O			O			O			O		
J Overfill protection	O			O			O			O			O		
K2 Piping Installation Date	~ 1942			~ 1942			~ 1942			~1975			~1975		
K1 Piping material	A			A			A			A			A		
L Piping construction	A			A			A			A			A		
M1 Piping release detection **(primary)**	O			O			O			O			O		
M2 Piping release detection **(secondary)**	J			J			J			J			J		
M3 Turbine sump construction	O			O			O			O			O		
O1 Piping corrosion protection	O			O			O			O			O		
O2 Steel flex connector at tank	J			J			J			J			J		
O3 Steel flex connector at dispenser/pump	J			J			J			J			J		
P Pumping system	O			O			O			O			O		
Compartments	**1**	**2**	**3**	**1**	**2**	**3**	**1**	**2**	**3**	**1**	**2**	**3**	**1**	2	3
Q Substance stored	D			D			D			O			O		
R Substance use	B			B			B			G			G		
S Compartment capacity	12,000			12,000			12,000			13,500			13,500		

For new or unregistered tanks only

UBI number 604 027 650

IV Individual tank information See pages 2 and 3 of the instructions for proper codes before completing this section.

	11th Tank	12th Tank	13th Tank	14th Tank	15th Tank
A Tank name	UST-28	UST-29	UST-30	UST-31	UST-32
B Tank installation date	~1975	~1975	~1975	~1975	~1975
D Tank material	A	A	A	A	A
E1 Tank construction	A	A	A	A	A
E2 Manifolded tank	A	A	A	A	A
F Tank release detection	O	O	O	O	O
H Tank corrosion protection	O	O	O	O	O
I Spill prevention	O	O	O	O	O
J Overfill protection	O	O	O	O	O
K2 Piping Installation Date	~1975	~1975	~1975	~1975	~1975
K1 Piping material	A	A	A	A	A
L Piping construction	A	A	A	A	A
M1 Piping release detection **(primary)**	O	O	O	O	O
M2 Piping release detection **(secondary)**	J	J	J	J	J
M3 Turbine sump construction	O	O	O	O	O
O1 Piping corrosion protection	O	O	O	O	O
O2 Steel flex connector at tank	J	J	J	J	J
O3 Steel flex connector at dispenser/pump	J	J	J	J	J
P Pumping system	O	O	O	O	O

Compartments	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
Q Substance stored	O			O			O			O			O		
R Substance use	G			G			G			G			G		
S Compartment capacity	13,500			13,500			13,500			13,500			13,500		

For new or unregistered tanks only

UBI number 604 027 650

IV Individual tank information See pages 2 and 3 of the instructions for proper codes before completing this section.

	16th Tank			17th Tank			18th Tank			19th Tank			20th Tank		
A Tank name	UST-33			UST-34			UST-35								
B Tank installation date	~1975			~1975			~1975								
D Tank material	A			A			A								
E1 Tank construction	A			A			A								
E2 Manifolded tank	A			A			A								
F Tank release detection	O			O			O								
H Tank corrosion protection	O			O			O								
I Spill prevention	O			O			O								
J Overfill protection	O			O			O								
K2 Piping Installation Date	~1975			~1975			~1975								
K1 Piping material	A			A			A								
L Piping construction	A			A			A								
M1 Piping release detection **(primary)**	O			O			O								
M2 Piping release detection **(secondary)**	J			J			J								
M3 Turbine sump construction	O			O			O								
O1 Piping corrosion protection	O			O			O								
O2 Steel flex connector at tank	J			J			J								
O3 Steel flex connector at dispenser/pump	J			J			J								
P Pumping system	O			O			O								
Compartments	**1**	**2**	**3**	**1**	**2**	**3**	**1**	**2**	**3**	**1**	**2**	**3**	**1**	2	3
Q Substance stored	O			O			O								
R Substance use	G			G			G								
S Compartment capacity	13,500			13,500			13,500								

For new or unregistered tanks only

Appendix C

Import Fill and Controlled Density Fill

Star Forge - Import Fill Sample Results Summary

all values reported in units of mg/kg				1	2	3	4	5	6	7	8	9	10	11	12	13	14
Compound		**PCUL**	**background**	FS-082223-01	FS-082223-02	FS-082223-03	FS-082523-01	FS-082523-02	FS-082523-03	FS-082523-04	FS-082523-05	FS-090123-01	FS-090123-02	FS-090123-03	FS-090123-04	FS-090123-05	FS-09012
PAHs	Naphthalene	0.0021		0.0020 U	0.0020 U	0.0020 U	0.0015 U	0.0016 U	0.0016 U	0.0016 U	0.0015 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020
	2-Methyl naphthalene	0.67		0.0020 U	0.0020 U	0.0020 U	0.0015 U	0.0016 U	0.0016 U	0.0016 U	0.0015 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020
	1-Methyl naphthalene	29		0.0020 U	0.0020 U	0.0020 U	0.0015 U	0.0016 U	0.0016 U	0.0016 U	0.0015 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020
	Acenaphthylene	1.3		0.0020 U	0.0020 U	0.0020 U	0.0015 U	0.0016 U	0.0016 U	0.0016 U	0.0015 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020
	Acenaphthene	0.028		0.0020 U	0.0020 U	0.0020 U	0.0015 U	0.0016 U	0.0016 U	0.0016 U	0.0015 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020
	Fluorene	0.029		0.0020 U	0.0020 U	0.0020 U	0.0015 U	0.0016 U	0.0016 U	0.0016 U	0.0015 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020
	Phenanthrene	1.5		0.0020 U	0.0020 U	0.0020 U	0.0015 U	0.0016 U	0.0016 U	0.0016 U	0.0015 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020
	Anthracene	0.051		0.0020 U	0.0020 U	0.0020 U	0.0015 U	0.0016 U	0.0016 U	0.0016 U	0.0015 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020
	Fluoranthene	0.09		0.0020 U	0.0020 U	0.0020 U	0.0015 U	0.0016 U	0.0016 U	0.0016 U	0.0015 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020
	Pyrene	0.14		0.0020 U	0.0020 U	0.0020 U	0.0015 U	0.0016 U	0.0016 U	0.0016 U	0.0015 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020
	Benzo(a)-anthracene	0.000057		0.0020 U	0.0020 U	0.0020 U	0.0015 U	0.0016 U	0.0016 U	0.0016 U	0.0015 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020
	Chrysene	0.0064		0.0020 U	0.0020 U	0.0020 U	0.0015 U	0.0016 U	0.0016 U	0.0016 U	0.0015 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020
	Benzo(b)-fluoranthene	0.0002		0.0020 U	0.0020 U	0.0020 U	0.0015 U	0.0016 U	0.0016 U	0.0016 U	0.0015 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020
	Benzo(k)-fluoranthene	0.002		0.0020 U	0.0020 U	0.0020 U	0.0015 U	0.0016 U	0.0016 U	0.0016 U	0.0015 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020
	Benzo(a)pyrene	0.000016		0.0020 U	0.0020 U	0.0020 U	0.0015 U	0.0016 U	0.0016 U	0.0016 U	0.0015 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020
	Indeno(1,2,3-cd)-pyrene	0.00056		0.0020 U	0.0020 U	0.0020 U	0.0015 U	0.0016 U	0.0016 U	0.0016 U	0.0015 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020
	Dibenz(a,h)-anthracene	0.000029		0.0020 U	0.0020 U	0.0020 U	0.0015 U	0.0016 U	0.0016 U	0.0016 U	0.0015 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020
	Benzo(g,h,i)-perylene	0.67		0.0020 U	0.0020 U	0.0020 U	0.0015 U	0.0016 U	0.0016 U	0.0016 U	0.0015 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020
TPH	GRO	30		2.5 U	2.3 U	2.5 U	2.6 U	3.0 U	3.0 U	3.0 U	2.9 U	2.4 U	2.2 U	2.4 U	2.5 U	1.2 U	2.3
	DRO	260		8.7 U	8.7 U	8.6 U	8.6 U	8.7 U	8.7 U	8.6 U	8.6 U	8.5 U	8.6 U	8.5 U	8.5 U	8.5 U	8.5
	ORO	2,000		17 U	17 U	17 U	17 U	17 U	17 U	17 U	17 U	17 U	17 U	17 U	17 U	17 U	17
VOCs	Benzene	0.00056		0.00047 U	0.00045 U	0.00047 U	0.00049 U	0.00056 U	0.00059 U	0.00054 U	0.00056 U	0.00047 U	0.00046 U	0.00045 U	0.00051 U	0.00049 U	0.00048
	Toluene	0.055		0.00093 U	0.00091 U	0.00095 U	0.00099 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.00094 U	0.00091 U	0.00091 U	0.0010 U	0.00099 U	0.00096
	Ethylbenzene	0.015		0.00047 U	0.00045 U	0.00047 U	0.00049 U	0.00056 U	0.00059 U	0.00054 U	0.00056 U	0.00047 U	0.00046 U	0.00045 U	0.00051 U	0.00049 U	0.00048
	Total Xylenes	16,000		0.0019 U	0.0018 U	0.0019 U	0.0020 U	0.0022 U	0.0023 U	0.0022 U	0.0022 U	0.0019 U	0.0018 U	0.0018 U	0.0021 U	0.0020 U	0.0019
PCBs	Total PCBs	0.0000022		0.0042 U	0.0042 U	0.0041 U	0.0041 U	0.0042 U	0.0042 U	0.0041 U	0.0041 U	0.0041 U	0.0041 U	0.0041 U	0.0041 U	0.0041 U	0.0041
Total Metals	Arsenic	7		2.5	3.2	3.2	2.3	2.4	2.4	2.5	2.3	2.6	2.1	2.5	2.7	2.0	2.6
	Cadmium	1		0.052 U	0.053 U	0.058	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051
	Chromium	48		16	20	18	12	16	15	20	17	13	11	13	14	7.7	13
	Cobalt	20		5.6	7.3	7.3	4.6	5.1	4.8	6	5	5.7	4.8	5.7	6.2	3.6	6.2
	Copper	36		17	19	19	11	12	11	16	13	15	13	15	17	10	16
	Lead	50		2.1	2.2	2.4	1.5	1.7	1.5	1.6	1.6	2.1	1.4	1.9	1.8	1.4	1.8
	Mercury	0.07		0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051
	Nickel	48		20	23	24	16	20	19	23	23	18	14	17	20	12	18
	Selenium	0.3		0.13 U	0.16	0.20	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.16	0.13 U	0.13
	Silver	0.016	0.6	0.052 U	0.068	0.057	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.079	0.051 U	0.051 U	0.051 U	0.051 U	0.051
	Vanadium	2	60	24	30	22	15	20	19	22	18	19	15	19	20	11	20
	Zinc	85		27	35	29	21	24	23	26	25	26	18	25	23	18	25

Notes:

1. Analytes are only shown for select compounds. See lab reports for more detail.
3. "U" denotes analyte not reported at a concentration greater than or equal to the given laboratory PQL
4. Preliminary cleanup levels cleanup levels as established in Washington State Department of Ecology Lower Duwamish Waterway Preliminary Cleanup Levels Workbook, Soil Summary page, "Preliminary Cleanup Levels for the Lower Duwamish Waterway" dated April 5, 2019
5. Total PCBs represents the sum of Aroclors 1016, 1221, 1232, 1242, 1248, 1254, 1260, 1262, and 1268. If all Aroclors are undetected, the total concentration is reported as less than the highest PQL of all Aroclors.
6. Samples analyzed by Onsite Environmental, Inc., of Redmond Washington, a Washington State accredited environmental laboratory

Blue shading indicates a given concentration is greater than the PCUL, but less than natural background

Green shading indicates a given PQL is greater than the PCUL

Analytical Methods

PAHs by EPA Method 8270E & 8270E/SIM
GRO by Method NWTPH-Gx
DRO/ORO by Method NWTPH-Dx
VOCs by Method 8260D
PCBs by Method 8082A
Total metals by 6020B (all except Hg) and 7471B (Hg)

Abbreviations:

PCUL	Preliminary Cleanup Level
mg/kg	milligrams per kilogram
PAHs	Polycyclic Aromatic Hydrocarbons
TPH	total petroleum hydrocarbons
DRO	diesel-range organics
ORO	oil-range organics
GRO	gasoline-range organics
VOCs	volatile organic compounds
PCB	polychlorinated biphenyl
TPH	total petroleum hydrocarbons
PQL	Practical Quantitation Limit

Star Forge - Import Fill Sample Results Summary

all values reported in units of mg/kg

	Compound	PCUL	background		3-06	15 FS-090123-07	16 FS-090123-08	17 FS-090123-09	18 FS-090123-10	19 FS-091123-01	20 FS-091123-02	21 FS-091123-03	22 FS-091123-04	23 FS-091123-05	24 FS-091123-06	25 FS-091123-07	26 FS-091123-08	27 FS-091123-09	28 FS-09262
PAHs	Naphthalene	0.0021		U		0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020
	2-Methyl naphthalene	0.67		U		0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020
	1-Methyl naphthalene	29		U		0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020
	Acenaphthylene	1.3		U		0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020
	Acenaphthene	0.028		U		0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020
	Fluorene	0.029		U		0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020
	Phenanthrene	1.5		U		0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020
	Anthracene	0.051		U		0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020
	Fluoranthene	0.09		U		0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020
	Pyrene	0.14		U		0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020
	Benzo(a)-anthracene	0.000057		U		0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020
	Chrysene	0.0064		U		0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020
	Benzo(b)-fluoranthene	0.0002		U		0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020
	Benzo(k)-fluoranthene	0.002		U		0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020
	Benzo(a)pyrene	0.000016		U		0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020
	Indeno(1,2,3-cd)-pyrene	0.00056		U		0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020
	Dibenz(a,h)-anthracene	0.000029		U		0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020
	Benzo(g,h,i)-perylene	0.67		U		0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020
TPH	GRO	30		U		2.5 U	2.5 U	2.6 U	2.6 U	2.6 U	2.7 U	3.0 U	2.7 U	2.6 U	2.9 U	2.1 U	2.9 U	2.5 U	2.7
	DRO	260		U		8.5 U	8.5 U	8.5 U	8.5 U	8.6 U	8.6 U	8.6 U	8.5 U	8.4 U	8.7 U	8.6 U	8.6 U	8.6 U	8.7
	ORO	2,000		U		17 U	17 U	17 U	17 U	17 U	17 U	17 U	17 U	17 U	18	17 U	17 U	17 U	17
VOCs	Benzene	0.00056		U		0.00054 U	0.00049 U	0.00043 U	0.00052 U	0.00054 U	0.00054 U	0.00047 U	0.00049 U	0.00053 U	0.00050 U	0.00051 U	0.00050 U	0.00050 U	0.00060
	Toluene	0.055		U		0.0011 U	0.00099 U	0.00085 U	0.0010 U	0.0011 U	0.0011 U	0.00095 U	0.00097 U	0.0011 U	0.0010 U	0.0010 U	0.0010 U	0.00099 U	0.0012
	Ethylbenzene	0.015		U		0.00054 U	0.00049 U	0.00043 U	0.00052 U	0.00054 U	0.00054 U	0.00047 U	0.00049 U	0.00053 U	0.00050 U	0.00051 U	0.00050 U	0.00050 U	0.00060
	Total Xylenes	16,000		U		0.0022 U	0.0020 U	0.0017 U	0.0021 U	0.0011 U	0.0011 U	0.00095 U	0.00097 U	0.0011 U	0.0010 U	0.0010 U	0.0010 U	0.00099 U	0.0012
PCBs	Total PCBs	0.0000022		U		0.0041 U	0.0041 U	0.0041 U	0.0041 U	0.0041 U	0.0041 U	0.0041 U	0.0041 U	0.0041 U	0.0042 U	0.0042 U	0.0042 U	0.0042 U	0.0042
Total Metals	Arsenic	7				2.3	2.3	2.0	2.1	1.7	1.6	1.3	2.4	1.8	2.2	1.7	1.9	2.0	1.8
	Cadmium	1		U		0.051 U	0.065	0.051 U	0.051 U	0.052 U	0.052 U	0.052 U	0.051 U	0.051 U	0.12	0.052 U	0.052 U	0.051 U	0.052
	Chromium	48				11	11	9.5	9.5	6.3	7.0	5.4	9.9	8.9	13	8.0	9.3	12	6.3
	Cobalt	20				5.1	5.3	4.8	4.8	3.4	3.6	2.8	4.8	3.7	4.6	4.3	4.2	4.2	3.8
	Copper	36				13	14	12	12	11	11	8.8	15	11	15	11	12	11	14
	Lead	50				1.6	2.3	1.4	1.6	1.2	1.2	0.93	1.8	1.4	2.1	1.7	1.6	1.5	1.4
	Mercury	0.07		U		0.051 U	0.051 U	0.051 U	0.051 U	0.052 U	0.052 U	0.052 U	0.051 U	0.051 U	0.052 U	0.052 U	0.052 U	0.051 U	0.052
	Nickel	48				16	17	15	14	9.3	11	7.3	12	12	13	10	12	12	8.7
	Selenium	0.3		U		0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.15	0.13 U	0.13 U	0.13 U	0.13
	Silver	0.016	0.6	U		0.11	0.057	0.051 U	0.051 U	0.052 U	0.052 U	0.052 U	0.051 U	0.051 U	0.071	0.052 U	0.052 U	0.051 U	0.052
	Vanadium	2	60			18	16	14	17	8.5	11	8.7	17	14	16	13	16	13	12
	Zinc	85				22	22	20	19	13	15	11	20	16	19	16	18	18	15

Notes:

1. Analytes are only shown for select compounds. See lab reports for more d
3. "U" denotes analyte not reported at a concentration greater than or equal
4. Preliminary cleanup levels cleanup levels as established in Washington Stat
   Cleanup Levels Workbook, Soil Summary page, "Preliminary Cleanup Leve
5. Total PCBs represents the sum of Aroclors 1016, 1221, 1232, 1242, 1248, 12
   the total concentration is reported as less than the highest PQL of all Aroc
6. Samples analyzed by Onsite Environmental, Inc., of Redmond Washington,

Blue shading indicates a given concentration is greater than the P(

Green shading indicates a given PQL is greater than the PCUL

Analytical Methods

PAHs by EPA Method 8270E & 8270E/SIM
GRO by Method NWTPH-Gx
DRO/ORO by Method NWTPH-Dx
VOCs by Method 8260D
PCBs by Method 8082A
Total metals by 6020B (all except Hg) and 7471B (Hg)

Abbreviations:

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mg/kg	milligrams per kilogram
PAHs	Polycyclic Aromatic Hydrocarbons
TPH	total petroleum hydrocarbons
DRO	diesel-range organics
ORO	oil-range organics
GRO	gasoline-range organics
VOCs	volatile organic compounds
PCB	polychlorinated biphenyl
TPH	total petroleum hydrocarbons
PQL	Practical Quantitation Limit

Star Forge - Import Fill Sample Results Summary

all values reported in units of mg/kg					29	30	31	32	33	34	35	36	37	38	39	40	41
Compound		PCUL	background	B-01	FS-092623-02	FS-092623-03	FS-092623-04	FS-092623-05	FS-092623-06	FS-092623-07	FS-092623-08	FS-092623-09	FS-092623-10	FS-010824-01	FS-010824-02	FS-010824-03	FS-010824-04
PAHs	Naphthalene	0.0021		U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U
	2-Methyl naphthalene	0.67		U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U
	1-Methyl naphthalene	29		U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U
	Acenaphthylene	1.3		U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U
	Acenaphthene	0.028		U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U
	Fluorene	0.029		U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U
	Phenanthrene	1.5		U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U
	Anthracene	0.051		U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U
	Fluoranthene	0.09		U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U
	Pyrene	0.14		U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U
	Benzo(a)-anthracene	0.000057		U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U
	Chrysene	0.0064		U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U
	Benzo(b)-fluoranthene	0.0002		U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U
	Benzo(k)-fluoranthene	0.002		U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U
	Benzo(a)pyrene	0.000016		U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U
	Indeno(1,2,3-cd)-pyrene	0.00056		U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U
	Dibenz(a,h)-anthracene	0.000029		U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U
	Benzo(g,h,i)-perylene	0.67		U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U
TPH	GRO	30		U	3.1 U	3.1 U	2.8 U	2.7 U	3.0 U	2.8 U	2.8 U	2.5 U	2.4 U	2.7 U	3.1 U	3.1 U	2.8 U
	DRO	260		U	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U	8.6 U	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U
	ORO	2,000		U	17 U	17 U	17 U	17 U	17 U	17 U	17 U	18 U	18 U	17 U	17 U	17 U	17 U
VOCs	Benzene	0.00056		U	0.00061 U	0.00052 U	0.00057 U	0.00065 U	0.00051 U	0.00059 U	0.00069 U	0.00054 U	0.00049 U	0.00060 U	0.00061 U	0.00052 U	0.00057 U
	Toluene	0.055		U	0.0012 U	0.0010 U	0.0011 U	0.0013 U	0.0010 U	0.0012 U	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U	0.0010 U	0.0011 U
	Ethylbenzene	0.015		U	0.00061 U	0.00052 U	0.00057 U	0.00065 U	0.00051 U	0.00059 U	0.00069 U	0.00054 U	0.00049 U	0.00060 U	0.00061 U	0.00052 U	0.00057 U
	Total Xylenes	16,000		U	0.0012 U	0.0010 U	0.0011 U	0.0013 U	0.0010 U	0.0012 U	0.0014 U	0.0011 U	0.00099 U	0.0012 U	0.0012 U	0.0010 U	0.0011 U
PCBs	Total PCBs	0.0000022		U	0.0042 U	0.0042 U	0.0042 U	0.0042 U	0.0042 U	0.0042 U	0.0042 U	0.0042 U	0.0042 U	0.0042 U	0.0042 U	0.0042 U	0.0042 U
Total Metals	Arsenic	7			2.6	2.3	1.9	1.5	2.4	2.4	2.2	2.3	2.4	1.8	2.6	2.3	1.9
	Cadmium	1		U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U
	Chromium	48			14	11.0	8.0	5.3	11	13	9.6	10	11	6.3	14	11.0	8.0
	Cobalt	20			5.8	5.1	4.3	3.0	5.0	4.9	4.8	5.0	5.2	3.8	5.8	5.1	4.3
	Copper	36			16	15	12	9.5	16	17	13	15	15	14	16	15	12
	Lead	50			1.7	1.7	1.5	1.4	1.8	1.7	1.8	1.5	1.8	1.4	1.7	1.7	1.5
	Mercury	0.07		U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U
	Nickel	48			16	14	11	8.3	14	14	13	13	15	8.7	16	14	11
	Selenium	0.3		U	0.14	0.13 U	0.13 U	0.13 U	0.18	0.13 U	0.13 U	0.14	0.14	0.13 U	0.14	0.13 U	0.13 U
	Silver	0.016	0.6	U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U
	Vanadium	2	60		22	18	13	8.3	17	18	17	17	21	12	22	18	13
	Zinc	85			23	22	18	13	20	22	21	22	24	15	23	22	18

Notes:

1. Analytes are only shown for select compounds. See lab reports for more d
3. "U" denotes analyte not reported at a concentration greater than or equal
4. Preliminary cleanup levels cleanup levels as established in Washington Stat
   Cleanup Levels Workbook, Soil Summary page, "Preliminary Cleanup Leve
5. Total PCBs represents the sum of Aroclors 1016, 1221, 1232, 1242, 1248, 12
   the total concentration is reported as less than the highest PQL of all Aroc
6. Samples analyzed by Onsite Environmental, Inc., of Redmond Washington,

Blue shading indicates a given concentration is greater than the P(

Green shading indicates a given PQL is greater than the PCUL

Analytical Methods

PAHs by EPA Method 8270E & 8270E/SIM
GRO by Method NWTPH-Gx
DRO/ORO by Method NWTPH-Dx
VOCs by Method 8260D
PCBs by Method 8082A
Total metals by 6020B (all except Hg) and 7471B (Hg)

Abbreviations:

PCUL	Preliminary Cleanup Level
mg/kg	milligrams per kilogram
PAHs	Polycyclic Aromatic Hydrocarbons
TPH	total petroleum hydrocarbons
DRO	diesel-range organics
ORO	oil-range organics
GRO	gasoline-range organics
VOCs	volatile organic compounds
PCB	polychlorinated biphenyl
TPH	total petroleum hydrocarbons
PQL	Practical Quantitation Limit

Star Forge - Import Fill Sample Results Summary

all values reported in units of mg/kg				42	43	44	45	46	47
Compound		**PCUL**	**background**	FS-010824-05	FS-010824-06	FS-010824-07	FS-010824-08	FS-010824-09	FS-010824-10
PAHs	Naphthalene	0.0021		0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U
	2-Methyl naphthalene	0.67		0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U
	1-Methyl naphthalene	29		0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U
	Acenaphthylene	1.3		0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U
	Acenaphthene	0.028		0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U
	Fluorene	0.029		0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U
	Phenanthrene	1.5		0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U
	Anthracene	0.051		0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U
	Fluoranthene	0.09		0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U
	Pyrene	0.14		0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U
	Benzo(a)-anthracene	0.000057		0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U
	Chrysene	0.0064		0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U
	Benzo(b)-fluoranthene	0.0002		0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U
	Benzo(k)-fluoranthene	0.002		0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U
	Benzo(a)pyrene	0.000016		0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U
	Indeno(1,2,3-cd)-pyrene	0.00056		0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U
	Dibenz(a,h)-anthracene	0.000029		0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U
	Benzo(g,h,i)-perylene	0.67		0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U	0.0020 U
TPH	GRO	30		2.7 U	3.0 U	2.8 U	2.8 U	2.5 U	2.4 U
	DRO	260		8.7 U	8.7 U	8.7 U	8.6 U	8.7 U	8.7 U
	ORO	2,000		17 U	17 U	17 U	17 U	18 U	18 U
VOCs	Benzene	0.00056		0.00065 U	0.00051 U	0.00059 U	0.00069 U	0.00054 U	0.00049 U
	Toluene	0.055		0.0013 U	0.0010 U	0.0012 U	0.0014 U	0.0011 U	0.00099 U
	Ethylbenzene	0.015		0.00065 U	0.00051 U	0.00059 U	0.00069 U	0.00054 U	0.00049 U
	Total Xylenes	16,000		0.0013 U	0.0010 U	0.0012 U	0.0014 U	0.0011 U	0.00099 U
PCBs	Total PCBs	0.0000022		0.0042 U	0.0042 U	0.0042 U	0.0042 U	0.0042 U	0.0042 U
Total Metals	Arsenic	7		1.5	2.4	2.4	2.2	2.3	2.4
	Cadmium	1		0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U
	Chromium	48		5.3	11	13	9.6	10	11
	Cobalt	20		3.0	5.0	4.9	4.8	5.0	5.2
	Copper	36		9.5	16	17	13	15	15
	Lead	50		1.4	1.8	1.7	1.8	1.5	1.8
	Mercury	0.07		0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U
	Nickel	48		8.3	14	14	13	13	15
	Selenium	0.3		0.13 U	0.18	0.13 U	0.13 U	0.14	0.14
	Silver	0.016	0.6	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U
	Vanadium	2	60	8.3	17	18	17	17	21
	Zinc	85		13	20	22	21	22	24

Notes:

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PCB	polychlorinated biphenyl
TPH	total petroleum hydrocarbons
PQL	Practical Quantitation Limit

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

August 30, 2023

David Hill
DH Environmental, Inc.
1011 SW Klickitat Way, Suite 107
Seattle, WA 98103

Re: Analytical Data for Project WO-01
Laboratory Reference No. 2308-251

Dear David:

Enclosed are the analytical results and associated quality control data for samples submitted on August 22, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 30, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-251
Project: WO-01

Case Narrative

Samples were collected on August 22, 2023 and received by the laboratory on August 23, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Semivolatiles EPA 8270E/SIM Analysis

The Spike Blank had one surrogate recovery outside of control limits. This is within allowance of our standard operating procedure as long as the recovery is above 10%.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 30, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-251
Project: WO-01

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-082223-01**					
Laboratory ID:	08-251-01					
Gasoline	**ND**	2.5	NWTPH-Gx	8-23-23	8-23-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*84*	*65-126*				
Client ID:	**FS-082223-02**					
Laboratory ID:	08-251-02					
Gasoline	**ND**	2.3	NWTPH-Gx	8-23-23	8-23-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*90*	*65-126*				
Client ID:	**FS-082223-03**					
Laboratory ID:	08-251-03					
Gasoline	**ND**	2.5	NWTPH-Gx	8-23-23	8-23-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*85*	*65-126*				

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 30, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-251
Project: WO-01

GASOLINE RANGE ORGANICS
NWTPH-Gx
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0823S1					
Gasoline	**ND**	2.5	NWTPH-Gx	8-23-23	8-23-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*90*	*65-126*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	08-251-01										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*84*	*88*	*65-126*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 30, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-251
Project: WO-01

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-082223-01**					
Laboratory ID:	08-251-01					
Diesel Range Organics	**ND**	8.7	NWTPH-Dx	8-24-23	8-24-23	
Lube Oil Range Organics	**ND**	17	NWTPH-Dx	8-24-23	8-24-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*71*	*50-150*				
Client ID:	**FS-082223-02**					
Laboratory ID:	08-251-02					
Diesel Range Organics	**ND**	8.7	NWTPH-Dx	8-24-23	8-24-23	
Lube Oil Range Organics	**ND**	17	NWTPH-Dx	8-24-23	8-24-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*82*	*50-150*				
Client ID:	**FS-082223-03**					
Laboratory ID:	08-251-03					
Diesel Range Organics	**ND**	8.6	NWTPH-Dx	8-24-23	8-24-23	
Lube Oil Range Organics	**ND**	17	NWTPH-Dx	8-24-23	8-24-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*85*	*50-150*				

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 30, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-251
Project: WO-01

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0824S1					
Diesel Range Organics	**ND**	8.4	NWTPH-Dx	8-24-23	8-24-23	
Lube Oil Range Organics	**ND**	17	NWTPH-Dx	8-24-23	8-24-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*101*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	08-266-01									
	ORIG	DUP								
Diesel Range	**ND**	**ND**	NA	NA		NA	NA	NA	40	
Lube Oil Range	**ND**	**ND**	NA	NA		NA	NA	NA	40	
Surrogate:										
o-Terphenyl						*99* *74*	*50-150*			

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Date of Report: August 30, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-251
Project: WO-01

VOLATILE ORGANICS EPA 8260D
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-082223-01**					
Laboratory ID:	08-251-01					
Dichlorodifluoromethane	ND	0.00093	EPA 8260D	8-23-23	8-23-23	
Chloromethane	ND	0.00093	EPA 8260D	8-23-23	8-23-23	
Vinyl Chloride	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
Bromomethane	ND	0.00093	EPA 8260D	8-23-23	8-23-23	
Chloroethane	ND	0.00093	EPA 8260D	8-23-23	8-23-23	
Trichlorofluoromethane	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
1,1-Dichloroethene	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
Acetone	ND	0.0047	EPA 8260D	8-23-23	8-23-23	
Iodomethane	ND	0.0071	EPA 8260D	8-23-23	8-23-23	
Carbon Disulfide	ND	0.00093	EPA 8260D	8-23-23	8-23-23	
Methylene Chloride	ND	0.0047	EPA 8260D	8-23-23	8-23-23	
(trans) 1,2-Dichloroethene	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
Methyl t-Butyl Ether	ND	0.00093	EPA 8260D	8-23-23	8-23-23	
1,1-Dichloroethane	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
Vinyl Acetate	ND	0.00093	EPA 8260D	8-23-23	8-23-23	
2,2-Dichloropropane	ND	0.00093	EPA 8260D	8-23-23	8-23-23	
(cis) 1,2-Dichloroethene	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
2-Butanone	ND	0.0047	EPA 8260D	8-23-23	8-23-23	
Bromochloromethane	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
Chloroform	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
1,1,1-Trichloroethane	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
Carbon Tetrachloride	ND	0.00093	EPA 8260D	8-23-23	8-23-23	
1,1-Dichloropropene	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
Benzene	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
1,2-Dichloroethane	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
Trichloroethene	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
1,2-Dichloropropane	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
Dibromomethane	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
Bromodichloromethane	ND	0.00093	EPA 8260D	8-23-23	8-23-23	
2-Chloroethyl Vinyl Ether	ND	0.0047	EPA 8260D	8-23-23	8-23-23	
(cis) 1,3-Dichloropropene	ND	0.00093	EPA 8260D	8-23-23	8-23-23	
Methyl Isobutyl Ketone	ND	0.00093	EPA 8260D	8-23-23	8-23-23	
Toluene	ND	0.00093	EPA 8260D	8-23-23	8-23-23	

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Laboratory Reference: 2308-251
Project: WO-01

VOLATILE ORGANICS EPA 8260D
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-082223-01**					
Laboratory ID:	08-251-01					
(trans) 1,3-Dichloropropene	ND	0.00093	EPA 8260D	8-23-23	8-23-23	
1,1,2-Trichloroethane	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
Tetrachloroethene	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
1,3-Dichloropropane	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
2-Hexanone	ND	0.00093	EPA 8260D	8-23-23	8-23-23	
Dibromochloromethane	ND	0.00093	EPA 8260D	8-23-23	8-23-23	
1,2-Dibromoethane	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
Chlorobenzene	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
1,1,1,2-Tetrachloroethane	ND	0.00093	EPA 8260D	8-23-23	8-23-23	
Ethylbenzene	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
m,p-Xylene	ND	0.0019	EPA 8260D	8-23-23	8-23-23	
o-Xylene	ND	0.00093	EPA 8260D	8-23-23	8-23-23	
Styrene	ND	0.00093	EPA 8260D	8-23-23	8-23-23	
Bromoform	ND	0.00093	EPA 8260D	8-23-23	8-23-23	
Isopropylbenzene	ND	0.00093	EPA 8260D	8-23-23	8-23-23	
Bromobenzene	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
1,1,2,2-Tetrachloroethane	ND	0.00093	EPA 8260D	8-23-23	8-23-23	
1,2,3-Trichloropropane	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
n-Propylbenzene	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
2-Chlorotoluene	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
4-Chlorotoluene	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
1,3,5-Trimethylbenzene	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
tert-Butylbenzene	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
1,2,4-Trimethylbenzene	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
sec-Butylbenzene	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
1,3-Dichlorobenzene	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
p-Isopropyltoluene	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
1,4-Dichlorobenzene	ND	0.00093	EPA 8260D	8-23-23	8-23-23	
1,2-Dichlorobenzene	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
n-Butylbenzene	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
1,2-Dibromo-3-chloropropane	ND	0.00093	EPA 8260D	8-23-23	8-23-23	
1,2,4-Trichlorobenzene	ND	0.00093	EPA 8260D	8-23-23	8-23-23	
Hexachlorobutadiene	ND	0.00093	EPA 8260D	8-23-23	8-23-23	
Naphthalene	ND	0.00093	EPA 8260D	8-23-23	8-23-23	
1,2,3-Trichlorobenzene	ND	0.00093	EPA 8260D	8-23-23	8-23-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*94*	*75-130*				
Toluene-d8	*101*	*78-128*				
4-Bromofluorobenzene	*99*	*71-130*				

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Date of Report: August 30, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-251
Project: WO-01

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-082223-02**					
Laboratory ID:	08-251-02					
Dichlorodifluoromethane	ND	0.00091	EPA 8260D	8-23-23	8-23-23	
Chloromethane	ND	0.00091	EPA 8260D	8-23-23	8-23-23	
Vinyl Chloride	ND	0.00045	EPA 8260D	8-23-23	8-23-23	
Bromomethane	ND	0.00091	EPA 8260D	8-23-23	8-23-23	
Chloroethane	ND	0.00091	EPA 8260D	8-23-23	8-23-23	
Trichlorofluoromethane	ND	0.00045	EPA 8260D	8-23-23	8-23-23	
1,1-Dichloroethene	ND	0.00045	EPA 8260D	8-23-23	8-23-23	
Acetone	ND	0.0045	EPA 8260D	8-23-23	8-23-23	
Iodomethane	ND	0.0069	EPA 8260D	8-23-23	8-23-23	
Carbon Disulfide	ND	0.00091	EPA 8260D	8-23-23	8-23-23	
Methylene Chloride	ND	0.0045	EPA 8260D	8-23-23	8-23-23	
(trans) 1,2-Dichloroethene	ND	0.00045	EPA 8260D	8-23-23	8-23-23	
Methyl t-Butyl Ether	ND	0.00091	EPA 8260D	8-23-23	8-23-23	
1,1-Dichloroethane	ND	0.00045	EPA 8260D	8-23-23	8-23-23	
Vinyl Acetate	ND	0.00091	EPA 8260D	8-23-23	8-23-23	
2,2-Dichloropropane	ND	0.00091	EPA 8260D	8-23-23	8-23-23	
(cis) 1,2-Dichloroethene	ND	0.00045	EPA 8260D	8-23-23	8-23-23	
2-Butanone	ND	0.0045	EPA 8260D	8-23-23	8-23-23	
Bromochloromethane	ND	0.00045	EPA 8260D	8-23-23	8-23-23	
Chloroform	ND	0.00045	EPA 8260D	8-23-23	8-23-23	
1,1,1-Trichloroethane	ND	0.00045	EPA 8260D	8-23-23	8-23-23	
Carbon Tetrachloride	ND	0.00091	EPA 8260D	8-23-23	8-23-23	
1,1-Dichloropropene	ND	0.00045	EPA 8260D	8-23-23	8-23-23	
Benzene	ND	0.00045	EPA 8260D	8-23-23	8-23-23	
1,2-Dichloroethane	ND	0.00045	EPA 8260D	8-23-23	8-23-23	
Trichloroethene	ND	0.00045	EPA 8260D	8-23-23	8-23-23	
1,2-Dichloropropane	ND	0.00045	EPA 8260D	8-23-23	8-23-23	
Dibromomethane	ND	0.00045	EPA 8260D	8-23-23	8-23-23	
Bromodichloromethane	ND	0.00091	EPA 8260D	8-23-23	8-23-23	
2-Chloroethyl Vinyl Ether	ND	0.0045	EPA 8260D	8-23-23	8-23-23	
(cis) 1,3-Dichloropropene	ND	0.00091	EPA 8260D	8-23-23	8-23-23	
Methyl Isobutyl Ketone	ND	0.00091	EPA 8260D	8-23-23	8-23-23	
Toluene	ND	0.00091	EPA 8260D	8-23-23	8-23-23	

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Project: WO-01

VOLATILE ORGANICS EPA 8260D
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-082223-02**					
Laboratory ID:	08-251-02					
(trans) 1,3-Dichloropropene	ND	0.00091	EPA 8260D	8-23-23	8-23-23	
1,1,2-Trichloroethane	ND	0.00045	EPA 8260D	8-23-23	8-23-23	
Tetrachloroethene	ND	0.00045	EPA 8260D	8-23-23	8-23-23	
1,3-Dichloropropane	ND	0.00045	EPA 8260D	8-23-23	8-23-23	
2-Hexanone	ND	0.00091	EPA 8260D	8-23-23	8-23-23	
Dibromochloromethane	ND	0.00091	EPA 8260D	8-23-23	8-23-23	
1,2-Dibromoethane	ND	0.00045	EPA 8260D	8-23-23	8-23-23	
Chlorobenzene	ND	0.00045	EPA 8260D	8-23-23	8-23-23	
1,1,1,2-Tetrachloroethane	ND	0.00091	EPA 8260D	8-23-23	8-23-23	
Ethylbenzene	ND	0.00045	EPA 8260D	8-23-23	8-23-23	
m,p-Xylene	ND	0.0018	EPA 8260D	8-23-23	8-23-23	
o-Xylene	ND	0.00091	EPA 8260D	8-23-23	8-23-23	
Styrene	ND	0.00091	EPA 8260D	8-23-23	8-23-23	
Bromoform	ND	0.00091	EPA 8260D	8-23-23	8-23-23	
Isopropylbenzene	ND	0.00091	EPA 8260D	8-23-23	8-23-23	
Bromobenzene	ND	0.00045	EPA 8260D	8-23-23	8-23-23	
1,1,2,2-Tetrachloroethane	ND	0.00091	EPA 8260D	8-23-23	8-23-23	
1,2,3-Trichloropropane	ND	0.00045	EPA 8260D	8-23-23	8-23-23	
n-Propylbenzene	ND	0.00045	EPA 8260D	8-23-23	8-23-23	
2-Chlorotoluene	ND	0.00045	EPA 8260D	8-23-23	8-23-23	
4-Chlorotoluene	ND	0.00045	EPA 8260D	8-23-23	8-23-23	
1,3,5-Trimethylbenzene	ND	0.00045	EPA 8260D	8-23-23	8-23-23	
tert-Butylbenzene	ND	0.00045	EPA 8260D	8-23-23	8-23-23	
1,2,4-Trimethylbenzene	ND	0.00045	EPA 8260D	8-23-23	8-23-23	
sec-Butylbenzene	ND	0.00045	EPA 8260D	8-23-23	8-23-23	
1,3-Dichlorobenzene	ND	0.00045	EPA 8260D	8-23-23	8-23-23	
p-Isopropyltoluene	ND	0.00045	EPA 8260D	8-23-23	8-23-23	
1,4-Dichlorobenzene	ND	0.00091	EPA 8260D	8-23-23	8-23-23	
1,2-Dichlorobenzene	ND	0.00045	EPA 8260D	8-23-23	8-23-23	
n-Butylbenzene	ND	0.00045	EPA 8260D	8-23-23	8-23-23	
1,2-Dibromo-3-chloropropane	ND	0.00091	EPA 8260D	8-23-23	8-23-23	
1,2,4-Trichlorobenzene	ND	0.00091	EPA 8260D	8-23-23	8-23-23	
Hexachlorobutadiene	ND	0.00091	EPA 8260D	8-23-23	8-23-23	
Naphthalene	ND	0.00091	EPA 8260D	8-23-23	8-23-23	
1,2,3-Trichlorobenzene	ND	0.00091	EPA 8260D	8-23-23	8-23-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*93*	*75-130*				
Toluene-d8	*101*	*78-128*				
4-Bromofluorobenzene	*104*	*71-130*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 30, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-251
Project: WO-01

VOLATILE ORGANICS EPA 8260D
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-082223-03**					
Laboratory ID:	08-251-03					
Dichlorodifluoromethane	ND	0.00095	EPA 8260D	8-23-23	8-23-23	
Chloromethane	ND	0.00095	EPA 8260D	8-23-23	8-23-23	
Vinyl Chloride	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
Bromomethane	ND	0.00095	EPA 8260D	8-23-23	8-23-23	
Chloroethane	ND	0.00095	EPA 8260D	8-23-23	8-23-23	
Trichlorofluoromethane	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
1,1-Dichloroethene	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
Acetone	ND	0.0047	EPA 8260D	8-23-23	8-23-23	
Iodomethane	ND	0.0072	EPA 8260D	8-23-23	8-23-23	
Carbon Disulfide	ND	0.00095	EPA 8260D	8-23-23	8-23-23	
Methylene Chloride	ND	0.0047	EPA 8260D	8-23-23	8-23-23	
(trans) 1,2-Dichloroethene	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
Methyl t-Butyl Ether	ND	0.00095	EPA 8260D	8-23-23	8-23-23	
1,1-Dichloroethane	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
Vinyl Acetate	ND	0.00095	EPA 8260D	8-23-23	8-23-23	
2,2-Dichloropropane	ND	0.00095	EPA 8260D	8-23-23	8-23-23	
(cis) 1,2-Dichloroethene	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
2-Butanone	ND	0.0047	EPA 8260D	8-23-23	8-23-23	
Bromochloromethane	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
Chloroform	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
1,1,1-Trichloroethane	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
Carbon Tetrachloride	ND	0.00095	EPA 8260D	8-23-23	8-23-23	
1,1-Dichloropropene	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
Benzene	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
1,2-Dichloroethane	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
Trichloroethene	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
1,2-Dichloropropane	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
Dibromomethane	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
Bromodichloromethane	ND	0.00095	EPA 8260D	8-23-23	8-23-23	
2-Chloroethyl Vinyl Ether	ND	0.0047	EPA 8260D	8-23-23	8-23-23	
(cis) 1,3-Dichloropropene	ND	0.00095	EPA 8260D	8-23-23	8-23-23	
Methyl Isobutyl Ketone	ND	0.00095	EPA 8260D	8-23-23	8-23-23	
Toluene	ND	0.00095	EPA 8260D	8-23-23	8-23-23	

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Laboratory Reference: 2308-251
Project: WO-01

VOLATILE ORGANICS EPA 8260D
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-082223-03**					
Laboratory ID:	08-251-03					
(trans) 1,3-Dichloropropene	ND	0.00095	EPA 8260D	8-23-23	8-23-23	
1,1,2-Trichloroethane	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
Tetrachloroethene	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
1,3-Dichloropropane	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
2-Hexanone	ND	0.00095	EPA 8260D	8-23-23	8-23-23	
Dibromochloromethane	ND	0.00095	EPA 8260D	8-23-23	8-23-23	
1,2-Dibromoethane	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
Chlorobenzene	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
1,1,1,2-Tetrachloroethane	ND	0.00095	EPA 8260D	8-23-23	8-23-23	
Ethylbenzene	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
m,p-Xylene	ND	0.0019	EPA 8260D	8-23-23	8-23-23	
o-Xylene	ND	0.00095	EPA 8260D	8-23-23	8-23-23	
Styrene	ND	0.00095	EPA 8260D	8-23-23	8-23-23	
Bromoform	ND	0.00095	EPA 8260D	8-23-23	8-23-23	
Isopropylbenzene	ND	0.00095	EPA 8260D	8-23-23	8-23-23	
Bromobenzene	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
1,1,2,2-Tetrachloroethane	ND	0.00095	EPA 8260D	8-23-23	8-23-23	
1,2,3-Trichloropropane	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
n-Propylbenzene	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
2-Chlorotoluene	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
4-Chlorotoluene	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
1,3,5-Trimethylbenzene	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
tert-Butylbenzene	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
1,2,4-Trimethylbenzene	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
sec-Butylbenzene	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
1,3-Dichlorobenzene	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
p-Isopropyltoluene	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
1,4-Dichlorobenzene	ND	0.00095	EPA 8260D	8-23-23	8-23-23	
1,2-Dichlorobenzene	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
n-Butylbenzene	ND	0.00047	EPA 8260D	8-23-23	8-23-23	
1,2-Dibromo-3-chloropropane	ND	0.00095	EPA 8260D	8-23-23	8-23-23	
1,2,4-Trichlorobenzene	ND	0.00095	EPA 8260D	8-23-23	8-23-23	
Hexachlorobutadiene	ND	0.00095	EPA 8260D	8-23-23	8-23-23	
Naphthalene	ND	0.00095	EPA 8260D	8-23-23	8-23-23	
1,2,3-Trichlorobenzene	ND	0.00095	EPA 8260D	8-23-23	8-23-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*96*	*75-130*				
Toluene-d8	*101*	*78-128*				
4-Bromofluorobenzene	*105*	*71-130*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 30, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-251
Project: WO-01

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0823S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Chloromethane	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Vinyl Chloride	ND	0.00050	EPA 8260D	8-23-23	8-23-23	
Bromomethane	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Chloroethane	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Trichlorofluoromethane	ND	0.00050	EPA 8260D	8-23-23	8-23-23	
1,1-Dichloroethene	ND	0.00050	EPA 8260D	8-23-23	8-23-23	
Acetone	ND	0.0050	EPA 8260D	8-23-23	8-23-23	
Iodomethane	ND	0.0076	EPA 8260D	8-23-23	8-23-23	
Carbon Disulfide	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Methylene Chloride	ND	0.0050	EPA 8260D	8-23-23	8-23-23	
(trans) 1,2-Dichloroethene	ND	0.00050	EPA 8260D	8-23-23	8-23-23	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
1,1-Dichloroethane	ND	0.00050	EPA 8260D	8-23-23	8-23-23	
Vinyl Acetate	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
2,2-Dichloropropane	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
(cis) 1,2-Dichloroethene	ND	0.00050	EPA 8260D	8-23-23	8-23-23	
2-Butanone	ND	0.0050	EPA 8260D	8-23-23	8-23-23	
Bromochloromethane	ND	0.00050	EPA 8260D	8-23-23	8-23-23	
Chloroform	ND	0.00050	EPA 8260D	8-23-23	8-23-23	
1,1,1-Trichloroethane	ND	0.00050	EPA 8260D	8-23-23	8-23-23	
Carbon Tetrachloride	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
1,1-Dichloropropene	ND	0.00050	EPA 8260D	8-23-23	8-23-23	
Benzene	ND	0.00050	EPA 8260D	8-23-23	8-23-23	
1,2-Dichloroethane	ND	0.00050	EPA 8260D	8-23-23	8-23-23	
Trichloroethene	ND	0.00050	EPA 8260D	8-23-23	8-23-23	
1,2-Dichloropropane	ND	0.00050	EPA 8260D	8-23-23	8-23-23	
Dibromomethane	ND	0.00050	EPA 8260D	8-23-23	8-23-23	
Bromodichloromethane	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260D	8-23-23	8-23-23	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Methyl Isobutyl Ketone	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Toluene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	

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Samples Submitted: August 22, 2023
Laboratory Reference: 2308-251
Project: WO-01

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0823S1					
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
1,1,2-Trichloroethane	ND	0.00050	EPA 8260D	8-23-23	8-23-23	
Tetrachloroethene	ND	0.00050	EPA 8260D	8-23-23	8-23-23	
1,3-Dichloropropane	ND	0.00050	EPA 8260D	8-23-23	8-23-23	
2-Hexanone	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Dibromochloromethane	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
1,2-Dibromoethane	ND	0.00050	EPA 8260D	8-23-23	8-23-23	
Chlorobenzene	ND	0.00050	EPA 8260D	8-23-23	8-23-23	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Ethylbenzene	ND	0.00050	EPA 8260D	8-23-23	8-23-23	
m,p-Xylene	ND	0.0020	EPA 8260D	8-23-23	8-23-23	
o-Xylene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Styrene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Bromoform	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Isopropylbenzene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Bromobenzene	ND	0.00050	EPA 8260D	8-23-23	8-23-23	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
1,2,3-Trichloropropane	ND	0.00050	EPA 8260D	8-23-23	8-23-23	
n-Propylbenzene	ND	0.00050	EPA 8260D	8-23-23	8-23-23	
2-Chlorotoluene	ND	0.00050	EPA 8260D	8-23-23	8-23-23	
4-Chlorotoluene	ND	0.00050	EPA 8260D	8-23-23	8-23-23	
1,3,5-Trimethylbenzene	ND	0.00050	EPA 8260D	8-23-23	8-23-23	
tert-Butylbenzene	ND	0.00050	EPA 8260D	8-23-23	8-23-23	
1,2,4-Trimethylbenzene	ND	0.00050	EPA 8260D	8-23-23	8-23-23	
sec-Butylbenzene	ND	0.00050	EPA 8260D	8-23-23	8-23-23	
1,3-Dichlorobenzene	ND	0.00050	EPA 8260D	8-23-23	8-23-23	
p-Isopropyltoluene	ND	0.00050	EPA 8260D	8-23-23	8-23-23	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
1,2-Dichlorobenzene	ND	0.00050	EPA 8260D	8-23-23	8-23-23	
n-Butylbenzene	ND	0.00050	EPA 8260D	8-23-23	8-23-23	
1,2-Dibromo-3-chloropropane	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Hexachlorobutadiene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Naphthalene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260D	8-23-23	8-23-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*94*	*75-130*				
Toluene-d8	*101*	*78-128*				
4-Bromofluorobenzene	*96*	*71-130*				

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Date of Report: August 30, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-251
Project: WO-01

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Matrix: Soil
Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0823S1									
	SB	SBD	SB	SBD	SB	SBD				
Dichlorodifluoromethane	**0.0375**	**0.0370**	0.0500	0.0500	75	74	30-160	1	26	
Chloromethane	**0.0410**	**0.0429**	0.0500	0.0500	82	86	59-131	5	26	
Vinyl Chloride	**0.0440**	**0.0473**	0.0500	0.0500	88	95	68-136	7	23	
Bromomethane	**0.0420**	**0.0476**	0.0500	0.0500	84	95	48-155	13	32	
Chloroethane	**0.0458**	**0.0506**	0.0500	0.0500	92	101	67-141	10	16	
Trichlorofluoromethane	**0.0513**	**0.0575**	0.0500	0.0500	103	115	76-127	11	19	
1,1-Dichloroethene	**0.0489**	**0.0544**	0.0500	0.0500	98	109	75-129	11	19	
Acetone	**0.0572**	**0.0568**	0.0500	0.0500	114	114	49-158	1	37	
Iodomethane	**0.0328**	**0.0389**	0.0500	0.0500	66	78	37-140	17	27	
Carbon Disulfide	**0.0415**	**0.0452**	0.0500	0.0500	83	90	41-143	9	19	
Methylene Chloride	**0.0467**	**0.0525**	0.0500	0.0500	93	105	60-124	12	18	
(trans) 1,2-Dichloroethene	**0.0489**	**0.0538**	0.0500	0.0500	98	108	79-133	10	15	
Methyl t-Butyl Ether	**0.0498**	**0.0526**	0.0500	0.0500	100	105	73-125	5	17	
1,1-Dichloroethane	**0.0491**	**0.0541**	0.0500	0.0500	98	108	79-125	10	17	
Vinyl Acetate	**0.0538**	**0.0552**	0.0500	0.0500	108	110	51-145	3	41	
2,2-Dichloropropane	**0.0532**	**0.0532**	0.0500	0.0500	106	106	79-126	0	18	
(cis) 1,2-Dichloroethene	**0.0523**	**0.0574**	0.0500	0.0500	105	115	75-131	9	15	
2-Butanone	**0.0567**	**0.0572**	0.0500	0.0500	113	114	54-145	1	32	
Bromochloromethane	**0.0496**	**0.0552**	0.0500	0.0500	99	110	80-126	11	15	
Chloroform	**0.0488**	**0.0525**	0.0500	0.0500	98	105	80-123	7	15	
1,1,1-Trichloroethane	**0.0466**	**0.0523**	0.0500	0.0500	93	105	78-124	12	21	
Carbon Tetrachloride	**0.0419**	**0.0473**	0.0500	0.0500	84	95	74-127	12	18	
1,1-Dichloropropene	**0.0445**	**0.0516**	0.0500	0.0500	89	103	80-123	15	15	
Benzene	**0.0476**	**0.0520**	0.0500	0.0500	95	104	80-122	9	18	
1,2-Dichloroethane	**0.0494**	**0.0542**	0.0500	0.0500	99	108	75-124	9	15	
Trichloroethene	**0.0514**	**0.0521**	0.0500	0.0500	103	104	80-129	1	18	
1,2-Dichloropropane	**0.0539**	**0.0540**	0.0500	0.0500	108	108	80-123	0	15	
Dibromomethane	**0.0499**	**0.0483**	0.0500	0.0500	100	97	80-123	3	15	
Bromodichloromethane	**0.0532**	**0.0533**	0.0500	0.0500	106	107	80-129	0	15	
(cis) 1,3-Dichloropropene	**0.0540**	**0.0541**	0.0500	0.0500	108	108	80-130	0	15	
Methyl Isobutyl Ketone	**0.0554**	**0.0518**	0.0500	0.0500	111	104	63-137	7	27	
Toluene	**0.0505**	**0.0497**	0.0500	0.0500	101	99	80-120	2	18	
(trans) 1,3-Dichloropropene	**0.0546**	**0.0554**	0.0500	0.0500	109	111	80-124	1	15	

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Date of Report: August 30, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-251
Project: WO-01

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 2 of 2

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0823S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1,2-Trichloroethane	**0.0480**	**0.0480**	0.0500	0.0500	96	96	80-120	0	15	
Tetrachloroethene	**0.0540**	**0.0547**	0.0500	0.0500	108	109	77-126	1	15	
1,3-Dichloropropane	**0.0529**	**0.0528**	0.0500	0.0500	106	106	77-123	0	15	
2-Hexanone	**0.0557**	**0.0517**	0.0500	0.0500	111	103	53-137	7	29	
Dibromochloromethane	**0.0548**	**0.0528**	0.0500	0.0500	110	106	80-128	4	16	
1,2-Dibromoethane	**0.0528**	**0.0514**	0.0500	0.0500	106	103	80-122	3	20	
Chlorobenzene	**0.0495**	**0.0509**	0.0500	0.0500	99	102	80-120	3	18	
1,1,1,2-Tetrachloroethane	**0.0504**	**0.0498**	0.0500	0.0500	101	100	80-120	1	15	
Ethylbenzene	**0.0510**	**0.0522**	0.0500	0.0500	102	104	80-120	2	15	
m,p-Xylene	**0.0990**	**0.102**	0.100	0.100	99	102	80-120	3	15	
o-Xylene	**0.0511**	**0.0525**	0.0500	0.0500	102	105	80-120	3	15	
Styrene	**0.0509**	**0.0531**	0.0500	0.0500	102	106	80-122	4	15	
Bromoform	**0.0538**	**0.0538**	0.0500	0.0500	108	108	78-126	0	15	
Isopropylbenzene	**0.0520**	**0.0540**	0.0500	0.0500	104	108	80-125	4	15	
Bromobenzene	**0.0494**	**0.0476**	0.0500	0.0500	99	95	79-124	4	15	
1,1,2,2-Tetrachloroethane	**0.0521**	**0.0493**	0.0500	0.0500	104	99	75-122	6	17	
1,2,3-Trichloropropane	**0.0502**	**0.0473**	0.0500	0.0500	100	95	72-125	6	20	
n-Propylbenzene	**0.0493**	**0.0492**	0.0500	0.0500	99	98	77-126	0	16	
2-Chlorotoluene	**0.0523**	**0.0508**	0.0500	0.0500	105	102	75-128	3	15	
4-Chlorotoluene	**0.0515**	**0.0507**	0.0500	0.0500	103	101	78-127	2	16	
1,3,5-Trimethylbenzene	**0.0502**	**0.0500**	0.0500	0.0500	100	100	77-128	0	15	
tert-Butylbenzene	**0.0502**	**0.0491**	0.0500	0.0500	100	98	73-130	2	20	
1,2,4-Trimethylbenzene	**0.0514**	**0.0499**	0.0500	0.0500	103	100	77-125	3	16	
sec-Butylbenzene	**0.0488**	**0.0472**	0.0500	0.0500	98	94	75-130	3	17	
1,3-Dichlorobenzene	**0.0519**	**0.0514**	0.0500	0.0500	104	103	78-123	1	17	
p-Isopropyltoluene	**0.0511**	**0.0513**	0.0500	0.0500	102	103	75-130	0	18	
1,4-Dichlorobenzene	**0.0520**	**0.0510**	0.0500	0.0500	104	102	77-121	2	17	
1,2-Dichlorobenzene	**0.0518**	**0.0511**	0.0500	0.0500	104	102	80-120	1	15	
n-Butylbenzene	**0.0532**	**0.0534**	0.0500	0.0500	106	107	76-131	0	20	
1,2-Dibromo-3-chloropropane	**0.0597**	**0.0523**	0.0500	0.0500	119	105	61-137	13	28	
1,2,4-Trichlorobenzene	**0.0582**	**0.0604**	0.0500	0.0500	116	121	77-127	4	17	
Hexachlorobutadiene	**0.0514**	**0.0512**	0.0500	0.0500	103	102	77-125	0	22	
Naphthalene	**0.0552**	**0.0519**	0.0500	0.0500	110	104	68-129	6	19	
1,2,3-Trichlorobenzene	**0.0527**	**0.0548**	0.0500	0.0500	105	110	77-124	4	19	
Surrogate:										
Dibromofluoromethane					*92*	*102*	*75-130*			
Toluene-d8					*100*	*99*	*78-128*			
4-Bromofluorobenzene					*107*	*107*	*71-130*			

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Date of Report: August 30, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-251
Project: WO-01

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-082223-01**					
Laboratory ID:	08-251-01					
n-Nitrosodimethylamine	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
Pyridine	**ND**	0.21	EPA 8270E	8-24-23	8-24-23	
Phenol	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
Aniline	**ND**	0.10	EPA 8270E	8-24-23	8-24-23	
bis(2-Chloroethyl)ether	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
2-Chlorophenol	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
1,3-Dichlorobenzene	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
1,4-Dichlorobenzene	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
Benzyl alcohol	**ND**	0.042	EPA 8270E	8-24-23	8-24-23	
1,2-Dichlorobenzene	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
2-Methylphenol (o-Cresol)	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
bis(2-Chloroisopropyl)ether	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
n-Nitroso-di-n-propylamine	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
Hexachloroethane	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
Nitrobenzene	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
Isophorone	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
2-Nitrophenol	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
2,4-Dimethylphenol	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
bis(2-Chloroethoxy)methane	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
2,4-Dichlorophenol	**ND**	0.042	EPA 8270E	8-24-23	8-24-23	
1,2,4-Trichlorobenzene	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
Naphthalene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
4-Chloroaniline	**ND**	0.10	EPA 8270E	8-24-23	8-24-23	
Hexachlorobutadiene	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
4-Chloro-3-methylphenol	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
2-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
1-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Hexachlorocyclopentadiene	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
2,4,6-Trichlorophenol	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
2,3-Dichloroaniline	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
2,4,5-Trichlorophenol	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
2-Chloronaphthalene	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
2-Nitroaniline	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
1,4-Dinitrobenzene	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
Dimethylphthalate	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
1,3-Dinitrobenzene	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
2,6-Dinitrotoluene	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
1,2-Dinitrobenzene	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
Acenaphthylene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
3-Nitroaniline	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: August 30, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-251
Project: WO-01

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-082223-01**					
Laboratory ID:	08-251-01					
2,4-Dinitrophenol	**ND**	0.10	EPA 8270E	8-24-23	8-24-23	
Acenaphthene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
4-Nitrophenol	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
2,4-Dinitrotoluene	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
Dibenzofuran	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
2,3,5,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
2,3,4,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
Diethylphthalate	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
4-Chlorophenyl-phenylether	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
4-Nitroaniline	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
Fluorene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
4,6-Dinitro-2-methylphenol	**ND**	0.10	EPA 8270E	8-24-23	8-24-23	
n-Nitrosodiphenylamine	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
1,2-Diphenylhydrazine	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
4-Bromophenyl-phenylether	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
Hexachlorobenzene	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
Pentachlorophenol	**ND**	0.042	EPA 8270E	8-24-23	8-24-23	
Phenanthrene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Anthracene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Carbazole	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
Di-n-butylphthalate	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
Fluoranthene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Pyrene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Butylbenzylphthalate	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
bis-2-Ethylhexyladipate	**ND**	0.10	EPA 8270E	8-24-23	8-24-23	
3,3'-Dichlorobenzidine	**ND**	0.10	EPA 8270E	8-24-23	8-24-23	
Benzo[a]anthracene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Chrysene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	8-24-23	8-24-23	
Di-n-octylphthalate	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
Benzo[b]fluoranthene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Benzo(j,k)fluoranthene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Benzo[a]pyrene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Dibenz[a,h]anthracene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Benzo[g,h,i]perylene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*85*	*11 - 111*				
Phenol-d6	*90*	*26 - 117*				
Nitrobenzene-d5	*82*	*31 - 111*				
2-Fluorobiphenyl	*97*	*38 - 109*				
2,4,6-Tribromophenol	*89*	*27 - 127*				
Terphenyl-d14	*95*	*37 - 116*				

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Date of Report: August 30, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-251
Project: WO-01

SEMIVOLATILE ORGANICS EPA 8270E/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-082223-02**					
Laboratory ID:	08-251-02					
n-Nitrosodimethylamine	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
Pyridine	**ND**	0.21	EPA 8270E	8-24-23	8-24-23	
Phenol	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
Aniline	**ND**	0.10	EPA 8270E	8-24-23	8-24-23	
bis(2-Chloroethyl)ether	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
2-Chlorophenol	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
1,3-Dichlorobenzene	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
1,4-Dichlorobenzene	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
Benzyl alcohol	**ND**	0.042	EPA 8270E	8-24-23	8-24-23	
1,2-Dichlorobenzene	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
2-Methylphenol (o-Cresol)	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
bis(2-Chloroisopropyl)ether	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
n-Nitroso-di-n-propylamine	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
Hexachloroethane	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
Nitrobenzene	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
Isophorone	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
2-Nitrophenol	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
2,4-Dimethylphenol	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
bis(2-Chloroethoxy)methane	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
2,4-Dichlorophenol	**ND**	0.042	EPA 8270E	8-24-23	8-24-23	
1,2,4-Trichlorobenzene	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
Naphthalene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
4-Chloroaniline	**ND**	0.10	EPA 8270E	8-24-23	8-24-23	
Hexachlorobutadiene	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
4-Chloro-3-methylphenol	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
2-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
1-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Hexachlorocyclopentadiene	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
2,4,6-Trichlorophenol	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
2,3-Dichloroaniline	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
2,4,5-Trichlorophenol	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
2-Chloronaphthalene	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
2-Nitroaniline	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
1,4-Dinitrobenzene	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
Dimethylphthalate	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
1,3-Dinitrobenzene	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
2,6-Dinitrotoluene	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
1,2-Dinitrobenzene	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
Acenaphthylene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
3-Nitroaniline	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	

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Date of Report: August 30, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-251
Project: WO-01

SEMIVOLATILE ORGANICS EPA 8270E/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-082223-02**					
Laboratory ID:	08-251-02					
2,4-Dinitrophenol	**ND**	0.10	EPA 8270E	8-24-23	8-24-23	
Acenaphthene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
4-Nitrophenol	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
2,4-Dinitrotoluene	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
Dibenzofuran	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
2,3,5,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
2,3,4,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
Diethylphthalate	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
4-Chlorophenyl-phenylether	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
4-Nitroaniline	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
Fluorene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
4,6-Dinitro-2-methylphenol	**ND**	0.10	EPA 8270E	8-24-23	8-24-23	
n-Nitrosodiphenylamine	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
1,2-Diphenylhydrazine	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
4-Bromophenyl-phenylether	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
Hexachlorobenzene	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
Pentachlorophenol	**ND**	0.042	EPA 8270E	8-24-23	8-24-23	
Phenanthrene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Anthracene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Carbazole	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
Di-n-butylphthalate	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
Fluoranthene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Pyrene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Butylbenzylphthalate	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
bis-2-Ethylhexyladipate	**ND**	0.10	EPA 8270E	8-24-23	8-24-23	
3,3'-Dichlorobenzidine	**ND**	0.10	EPA 8270E	8-24-23	8-24-23	
Benzo[a]anthracene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Chrysene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	8-24-23	8-24-23	
Di-n-octylphthalate	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
Benzo[b]fluoranthene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Benzo(j,k)fluoranthene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Benzo[a]pyrene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Dibenz[a,h]anthracene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Benzo[g,h,i]perylene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*78*	*11 - 111*				
Phenol-d6	*82*	*26 - 117*				
Nitrobenzene-d5	*78*	*31 - 111*				
2-Fluorobiphenyl	*82*	*38 - 109*				
2,4,6-Tribromophenol	*91*	*27 - 127*				
Terphenyl-d14	*91*	*37 - 116*				

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Date of Report: August 30, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-251
Project: WO-01

SEMIVOLATILE ORGANICS EPA 8270E/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-082223-03**					
Laboratory ID:	08-251-03					
n-Nitrosodimethylamine	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
Pyridine	**ND**	0.21	EPA 8270E	8-24-23	8-24-23	
Phenol	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
Aniline	**ND**	0.10	EPA 8270E	8-24-23	8-24-23	
bis(2-Chloroethyl)ether	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
2-Chlorophenol	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
1,3-Dichlorobenzene	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
1,4-Dichlorobenzene	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
Benzyl alcohol	**ND**	0.041	EPA 8270E	8-24-23	8-24-23	
1,2-Dichlorobenzene	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
2-Methylphenol (o-Cresol)	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
bis(2-Chloroisopropyl)ether	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
n-Nitroso-di-n-propylamine	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
Hexachloroethane	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
Nitrobenzene	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
Isophorone	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
2-Nitrophenol	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
2,4-Dimethylphenol	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
bis(2-Chloroethoxy)methane	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
2,4-Dichlorophenol	**ND**	0.041	EPA 8270E	8-24-23	8-24-23	
1,2,4-Trichlorobenzene	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
Naphthalene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
4-Chloroaniline	**ND**	0.10	EPA 8270E	8-24-23	8-24-23	
Hexachlorobutadiene	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
4-Chloro-3-methylphenol	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
2-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
1-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Hexachlorocyclopentadiene	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
2,4,6-Trichlorophenol	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
2,3-Dichloroaniline	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
2,4,5-Trichlorophenol	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
2-Chloronaphthalene	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
2-Nitroaniline	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
1,4-Dinitrobenzene	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
Dimethylphthalate	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
1,3-Dinitrobenzene	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
2,6-Dinitrotoluene	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
1,2-Dinitrobenzene	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
Acenaphthylene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
3-Nitroaniline	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: August 30, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-251
Project: WO-01

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-082223-03**					
Laboratory ID:	08-251-03					
2,4-Dinitrophenol	**ND**	0.10	EPA 8270E	8-24-23	8-24-23	
Acenaphthene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
4-Nitrophenol	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
2,4-Dinitrotoluene	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
Dibenzofuran	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
2,3,5,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
2,3,4,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
Diethylphthalate	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
4-Chlorophenyl-phenylether	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
4-Nitroaniline	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
Fluorene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
4,6-Dinitro-2-methylphenol	**ND**	0.10	EPA 8270E	8-24-23	8-24-23	
n-Nitrosodiphenylamine	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
1,2-Diphenylhydrazine	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
4-Bromophenyl-phenylether	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
Hexachlorobenzene	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
Pentachlorophenol	**ND**	0.041	EPA 8270E	8-24-23	8-24-23	
Phenanthrene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Anthracene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Carbazole	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
Di-n-butylphthalate	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
Fluoranthene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Pyrene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Butylbenzylphthalate	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
bis-2-Ethylhexyladipate	**ND**	0.10	EPA 8270E	8-24-23	8-24-23	
3,3'-Dichlorobenzidine	**ND**	0.10	EPA 8270E	8-24-23	8-24-23	
Benzo[a]anthracene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Chrysene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	8-24-23	8-24-23	
Di-n-octylphthalate	**ND**	0.021	EPA 8270E	8-24-23	8-24-23	
Benzo[b]fluoranthene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Benzo(j,k)fluoranthene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Benzo[a]pyrene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Dibenz[a,h]anthracene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Benzo[g,h,i]perylene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*78*	*11 - 111*				
Phenol-d6	*78*	*26 - 117*				
Nitrobenzene-d5	*79*	*31 - 111*				
2-Fluorobiphenyl	*88*	*38 - 109*				
2,4,6-Tribromophenol	*84*	*27 - 127*				
Terphenyl-d14	*85*	*37 - 116*				

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Date of Report: August 30, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-251
Project: WO-01

SEMIVOLATILE ORGANICS EPA 8270E/SIM
QUALITY CONTROL
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0824S1					
n-Nitrosodimethylamine	**ND**	0.020	EPA 8270E	8-24-23	8-24-23	
Pyridine	**ND**	0.20	EPA 8270E	8-24-23	8-24-23	
Phenol	**ND**	0.020	EPA 8270E	8-24-23	8-24-23	
Aniline	**ND**	0.10	EPA 8270E	8-24-23	8-24-23	
bis(2-Chloroethyl)ether	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
2-Chlorophenol	**ND**	0.020	EPA 8270E	8-24-23	8-24-23	
1,3-Dichlorobenzene	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
1,4-Dichlorobenzene	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
Benzyl alcohol	**ND**	0.040	EPA 8270E	8-24-23	8-24-23	
1,2-Dichlorobenzene	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
2-Methylphenol (o-Cresol)	**ND**	0.020	EPA 8270E	8-24-23	8-24-23	
bis(2-Chloroisopropyl)ether	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.020	EPA 8270E	8-24-23	8-24-23	
n-Nitroso-di-n-propylamine	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
Hexachloroethane	**ND**	0.020	EPA 8270E	8-24-23	8-24-23	
Nitrobenzene	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
Isophorone	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
2-Nitrophenol	**ND**	0.020	EPA 8270E	8-24-23	8-24-23	
2,4-Dimethylphenol	**ND**	0.020	EPA 8270E	8-24-23	8-24-23	
bis(2-Chloroethoxy)methane	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
2,4-Dichlorophenol	**ND**	0.040	EPA 8270E	8-24-23	8-24-23	
1,2,4-Trichlorobenzene	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
Naphthalene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
4-Chloroaniline	**ND**	0.10	EPA 8270E	8-24-23	8-24-23	
Hexachlorobutadiene	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
4-Chloro-3-methylphenol	**ND**	0.020	EPA 8270E	8-24-23	8-24-23	
2-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
1-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Hexachlorocyclopentadiene	**ND**	0.020	EPA 8270E	8-24-23	8-24-23	
2,4,6-Trichlorophenol	**ND**	0.020	EPA 8270E	8-24-23	8-24-23	
2,3-Dichloroaniline	**ND**	0.020	EPA 8270E	8-24-23	8-24-23	
2,4,5-Trichlorophenol	**ND**	0.020	EPA 8270E	8-24-23	8-24-23	
2-Chloronaphthalene	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
2-Nitroaniline	**ND**	0.020	EPA 8270E	8-24-23	8-24-23	
1,4-Dinitrobenzene	**ND**	0.020	EPA 8270E	8-24-23	8-24-23	
Dimethylphthalate	**ND**	0.020	EPA 8270E	8-24-23	8-24-23	
1,3-Dinitrobenzene	**ND**	0.020	EPA 8270E	8-24-23	8-24-23	
2,6-Dinitrotoluene	**ND**	0.020	EPA 8270E	8-24-23	8-24-23	
1,2-Dinitrobenzene	**ND**	0.020	EPA 8270E	8-24-23	8-24-23	
Acenaphthylene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
3-Nitroaniline	**ND**	0.020	EPA 8270E	8-24-23	8-24-23	

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Date of Report: August 30, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-251
Project: WO-01

SEMIVOLATILE ORGANICS EPA 8270E/SIM
QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0824S1					
2,4-Dinitrophenol	**ND**	0.10	EPA 8270E	8-24-23	8-24-23	
Acenaphthene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
4-Nitrophenol	**ND**	0.020	EPA 8270E	8-24-23	8-24-23	
2,4-Dinitrotoluene	**ND**	0.020	EPA 8270E	8-24-23	8-24-23	
Dibenzofuran	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
2,3,5,6-Tetrachlorophenol	**ND**	0.020	EPA 8270E	8-24-23	8-24-23	
2,3,4,6-Tetrachlorophenol	**ND**	0.020	EPA 8270E	8-24-23	8-24-23	
Diethylphthalate	**ND**	0.020	EPA 8270E	8-24-23	8-24-23	
4-Chlorophenyl-phenylether	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
4-Nitroaniline	**ND**	0.020	EPA 8270E	8-24-23	8-24-23	
Fluorene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
4,6-Dinitro-2-methylphenol	**ND**	0.10	EPA 8270E	8-24-23	8-24-23	
n-Nitrosodiphenylamine	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
1,2-Diphenylhydrazine	**ND**	0.020	EPA 8270E	8-24-23	8-24-23	
4-Bromophenyl-phenylether	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
Hexachlorobenzene	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
Pentachlorophenol	**ND**	0.040	EPA 8270E	8-24-23	8-24-23	
Phenanthrene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Anthracene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Carbazole	**ND**	0.010	EPA 8270E	8-24-23	8-24-23	
Di-n-butylphthalate	**ND**	0.020	EPA 8270E	8-24-23	8-24-23	
Fluoranthene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Pyrene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Butylbenzylphthalate	**ND**	0.020	EPA 8270E	8-24-23	8-24-23	
bis-2-Ethylhexyladipate	**ND**	0.10	EPA 8270E	8-24-23	8-24-23	
3,3'-Dichlorobenzidine	**ND**	0.10	EPA 8270E	8-24-23	8-24-23	
Benzo[a]anthracene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Chrysene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	8-24-23	8-24-23	
Di-n-octylphthalate	**ND**	0.020	EPA 8270E	8-24-23	8-24-23	
Benzo[b]fluoranthene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Benzo(j,k)fluoranthene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Benzo[a]pyrene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Dibenz[a,h]anthracene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Benzo[g,h,i]perylene	**ND**	0.0020	EPA 8270E/SIM	8-24-23	8-24-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*80*	*11 - 111*				
Phenol-d6	*78*	*26 - 117*				
Nitrobenzene-d5	*80*	*31 - 111*				
2-Fluorobiphenyl	*89*	*38 - 109*				
2,4,6-Tribromophenol	*89*	*27 - 127*				
Terphenyl-d14	*88*	*37 - 116*				

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Date of Report: August 30, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-251
Project: WO-01

SEMIVOLATILE ORGANICS EPA 8270E/SIM
QUALITY CONTROL
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Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0824S1									
	SB	SBD	SB	SBD	SB	SBD				
n-Nitrosodimethylamine	**0.626**	**0.590**	0.667	0.667	94	88	20 - 120	6	30	
Pyridine	**0.322**	**0.301**	0.667	0.667	48	45	20 - 120	7	30	
Phenol	**0.638**	**0.615**	0.667	0.667	96	92	49 - 109	4	23	
Aniline	**0.680**	**0.628**	0.667	0.667	102	94	20 - 120	8	30	
bis(2-Chloroethyl)ether	**0.629**	**0.600**	0.667	0.667	94	90	20 - 120	5	30	
2-Chlorophenol	**0.625**	**0.619**	0.667	0.667	94	93	52 - 105	1	26	
1,3-Dichlorobenzene	**0.633**	**0.586**	0.667	0.667	95	88	20 - 120	8	30	
1,4-Dichlorobenzene	**0.625**	**0.601**	0.667	0.667	94	90	51 - 102	4	28	
Benzyl alcohol	**0.652**	**0.622**	0.667	0.667	98	93	20 - 120	5	30	
1,2-Dichlorobenzene	**0.622**	**0.619**	0.667	0.667	93	93	20 - 120	0	30	
2-Methylphenol (o-Cresol)	**0.646**	**0.640**	0.667	0.667	97	96	20 - 120	1	30	
bis(2-Chloroisopropyl)ether	**0.651**	**0.633**	0.667	0.667	98	95	20 - 120	3	30	
(3+4)-Methylphenol (m,p-Cresol)	**0.680**	**0.650**	0.667	0.667	102	97	20 - 120	5	30	
n-Nitroso-di-n-propylamine	**0.694**	**0.667**	0.667	0.667	104	100	46 - 111	4	25	
Hexachloroethane	**0.589**	**0.579**	0.667	0.667	88	87	20 - 120	2	30	
Nitrobenzene	**0.610**	**0.599**	0.667	0.667	91	90	20 - 120	2	30	
Isophorone	**0.635**	**0.595**	0.667	0.667	95	89	20 - 120	7	30	
2-Nitrophenol	**0.661**	**0.652**	0.667	0.667	99	98	20 - 120	1	30	
2,4-Dimethylphenol	**0.711**	**0.727**	0.667	0.667	107	109	20 - 120	2	30	
bis(2-Chloroethoxy)methane	**0.633**	**0.596**	0.667	0.667	95	89	20 - 120	6	30	
2,4-Dichlorophenol	**0.627**	**0.622**	0.667	0.667	94	93	20 - 120	1	30	
1,2,4-Trichlorobenzene	**0.620**	**0.605**	0.667	0.667	93	91	52 - 106	2	28	
Naphthalene	**0.593**	**0.620**	0.667	0.667	89	93	20 - 120	4	30	
4-Chloroaniline	**0.617**	**0.625**	0.667	0.667	93	94	20 - 120	1	30	
Hexachlorobutadiene	**0.599**	**0.606**	0.667	0.667	90	91	20 - 120	1	30	
4-Chloro-3-methylphenol	**0.631**	**0.632**	0.667	0.667	95	95	54 - 112	0	20	
2-Methylnaphthalene	**0.642**	**0.600**	0.667	0.667	96	90	20 - 120	7	30	
1-Methylnaphthalene	**0.628**	**0.628**	0.667	0.667	94	94	20 - 120	0	30	
Hexachlorocyclopentadiene	**0.695**	**0.654**	0.667	0.667	104	98	20 - 120	6	30	
2,4,6-Trichlorophenol	**0.670**	**0.638**	0.667	0.667	100	96	20 - 120	5	30	
2,3-Dichloroaniline	**0.656**	**0.612**	0.667	0.667	98	92	20 - 120	7	30	
2,4,5-Trichlorophenol	**0.690**	**0.639**	0.667	0.667	103	96	20 - 120	8	30	
2-Chloronaphthalene	**0.638**	**0.630**	0.667	0.667	96	94	20 - 120	1	30	
2-Nitroaniline	**0.684**	**0.620**	0.667	0.667	103	93	20 - 120	10	30	
1,4-Dinitrobenzene	**0.718**	**0.672**	0.667	0.667	108	101	20 - 120	7	30	
Dimethylphthalate	**0.688**	**0.641**	0.667	0.667	103	96	20 - 120	7	30	
1,3-Dinitrobenzene	**0.696**	**0.646**	0.667	0.667	104	97	20 - 120	7	30	
2,6-Dinitrotoluene	**0.697**	**0.637**	0.667	0.667	104	96	20 - 120	9	30	
1,2-Dinitrobenzene	**0.645**	**0.643**	0.667	0.667	97	96	20 - 120	0	30	
Acenaphthylene	**0.677**	**0.593**	0.667	0.667	101	89	20 - 120	13	30	
3-Nitroaniline	**0.702**	**0.641**	0.667	0.667	105	96	20 - 120	9	30	

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Laboratory Reference: 2308-251
Project: WO-01

SEMIVOLATILE ORGANICS EPA 8270E/SIM
QUALITY CONTROL
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Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0824S1									
	SB	SBD	SB	SBD	SB	SBD				
2,4-Dinitrophenol	**0.690**	**0.658**	0.667	0.667	103	99	20 - 120	5	30	
Acenaphthene	**0.660**	**0.617**	0.667	0.667	99	93	55 - 101	7	20	
4-Nitrophenol	**0.672**	**0.637**	0.667	0.667	101	96	34 - 136	5	22	
2,4-Dinitrotoluene	**0.627**	**0.642**	0.667	0.667	94	96	51 - 111	2	21	
Dibenzofuran	**0.669**	**0.634**	0.667	0.667	100	95	20 - 120	5	30	
2,3,5,6-Tetrachlorophenol	**0.595**	**0.549**	0.667	0.667	89	82	20 - 120	8	30	
2,3,4,6-Tetrachlorophenol	**0.603**	**0.585**	0.667	0.667	90	88	20 - 120	3	30	
Diethylphthalate	**0.697**	**0.648**	0.667	0.667	104	97	20 - 120	7	30	
4-Chlorophenyl-phenylether	**0.673**	**0.622**	0.667	0.667	101	93	20 - 120	8	30	
4-Nitroaniline	**0.672**	**0.619**	0.667	0.667	101	93	20 - 120	8	30	
Fluorene	**0.652**	**0.640**	0.667	0.667	98	96	20 - 120	2	30	
4,6-Dinitro-2-methylphenol	**0.720**	**0.696**	0.667	0.667	108	104	20 - 120	3	30	
n-Nitrosodiphenylamine	**0.657**	**0.655**	0.667	0.667	99	98	20 - 120	0	30	
1,2-Diphenylhydrazine	**0.668**	**0.660**	0.667	0.667	100	99	20 - 120	1	30	
4-Bromophenyl-phenylether	**0.682**	**0.614**	0.667	0.667	102	92	20 - 120	10	30	
Hexachlorobenzene	**0.632**	**0.648**	0.667	0.667	95	97	20 - 120	3	30	
Pentachlorophenol	**0.653**	**0.622**	0.667	0.667	98	93	34 - 134	5	23	
Phenanthrene	**0.682**	**0.668**	0.667	0.667	102	100	20 - 120	2	30	
Anthracene	**0.722**	**0.685**	0.667	0.667	108	103	20 - 120	5	30	
Carbazole	**0.666**	**0.664**	0.667	0.667	100	100	20 - 120	0	30	
Di-n-butylphthalate	**0.669**	**0.628**	0.667	0.667	100	94	20 - 120	6	30	
Fluoranthene	**0.694**	**0.647**	0.667	0.667	104	97	20 - 120	7	30	
Pyrene	**0.671**	**0.689**	0.667	0.667	101	103	53 - 113	3	20	
Butylbenzylphthalate	**0.670**	**0.619**	0.667	0.667	100	93	20 - 120	8	30	
bis-2-Ethylhexyladipate	**0.642**	**0.679**	0.667	0.667	96	102	20 - 120	6	30	
3,3'-Dichlorobenzidine	**0.621**	**0.618**	0.667	0.667	93	93	20 - 120	0	30	
Benzo[a]anthracene	**0.634**	**0.667**	0.667	0.667	95	100	20 - 120	5	30	
Chrysene	**0.630**	**0.679**	0.667	0.667	94	102	20 - 120	7	30	
bis(2-Ethylhexyl)phthalate	**0.631**	**0.680**	0.667	0.667	95	102	20 - 120	7	30	
Di-n-octylphthalate	**0.669**	**0.690**	0.667	0.667	100	103	20 - 120	3	30	
Benzo[b]fluoranthene	**0.621**	**0.680**	0.667	0.667	93	102	20 - 120	9	30	
Benzo(j,k)fluoranthene	**0.650**	**0.657**	0.667	0.667	97	99	20 - 120	1	30	
Benzo[a]pyrene	**0.654**	**0.693**	0.667	0.667	98	104	20 - 120	6	30	
Indeno[1,2,3-cd]pyrene	**0.650**	**0.691**	0.667	0.667	97	104	20 - 120	6	30	
Dibenz[a,h]anthracene	**0.660**	**0.651**	0.667	0.667	99	98	20 - 120	1	30	
Benzo[g,h,i]perylene	**0.658**	**0.675**	0.667	0.667	99	101	20 - 120	3	30	
Surrogate:										
2-Fluorophenol					*100*	*92*	*11 - 111*			
Phenol-d6					*106*	*103*	*26 - 117*			
Nitrobenzene-d5					*95*	*94*	*31 - 111*			
2-Fluorobiphenyl					*111*	*104*	*38 - 109*			Q
2,4,6-Tribromophenol					*98*	*96*	*27 - 127*			
Terphenyl-d14					*100*	*106*	*37 - 116*			

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 30, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-251
Project: WO-01

PCBs EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-082223-01**					
Laboratory ID:	08-251-01					
Aroclor 1016	**ND**	0.0042	EPA 8082A	8-24-23	8-24-23	
Aroclor 1221	**ND**	0.0042	EPA 8082A	8-24-23	8-24-23	
Aroclor 1232	**ND**	0.0042	EPA 8082A	8-24-23	8-24-23	
Aroclor 1242	**ND**	0.0042	EPA 8082A	8-24-23	8-24-23	
Aroclor 1248	**ND**	0.0042	EPA 8082A	8-24-23	8-24-23	
Aroclor 1254	**ND**	0.0042	EPA 8082A	8-24-23	8-24-23	
Aroclor 1260	**ND**	0.0042	EPA 8082A	8-24-23	8-24-23	
Aroclor 1262	**ND**	0.0042	EPA 8082A	8-24-23	8-24-23	
Aroclor 1268	**ND**	0.0042	EPA 8082A	8-24-23	8-24-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*80*	*50-127*				
Client ID:	**FS-082223-02**					
Laboratory ID:	08-251-02					
Aroclor 1016	**ND**	0.0042	EPA 8082A	8-24-23	8-24-23	
Aroclor 1221	**ND**	0.0042	EPA 8082A	8-24-23	8-24-23	
Aroclor 1232	**ND**	0.0042	EPA 8082A	8-24-23	8-24-23	
Aroclor 1242	**ND**	0.0042	EPA 8082A	8-24-23	8-24-23	
Aroclor 1248	**ND**	0.0042	EPA 8082A	8-24-23	8-24-23	
Aroclor 1254	**ND**	0.0042	EPA 8082A	8-24-23	8-24-23	
Aroclor 1260	**ND**	0.0042	EPA 8082A	8-24-23	8-24-23	
Aroclor 1262	**ND**	0.0042	EPA 8082A	8-24-23	8-24-23	
Aroclor 1268	**ND**	0.0042	EPA 8082A	8-24-23	8-24-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*92*	*50-127*				
Client ID:	**FS-082223-03**					
Laboratory ID:	08-251-03					
Aroclor 1016	**ND**	0.0041	EPA 8082A	8-24-23	8-24-23	
Aroclor 1221	**ND**	0.0041	EPA 8082A	8-24-23	8-24-23	
Aroclor 1232	**ND**	0.0041	EPA 8082A	8-24-23	8-24-23	
Aroclor 1242	**ND**	0.0041	EPA 8082A	8-24-23	8-24-23	
Aroclor 1248	**ND**	0.0041	EPA 8082A	8-24-23	8-24-23	
Aroclor 1254	**ND**	0.0041	EPA 8082A	8-24-23	8-24-23	
Aroclor 1260	**ND**	0.0041	EPA 8082A	8-24-23	8-24-23	
Aroclor 1262	**ND**	0.0041	EPA 8082A	8-24-23	8-24-23	
Aroclor 1268	**ND**	0.0041	EPA 8082A	8-24-23	8-24-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*98*	*50-127*				

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Date of Report: August 30, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-251
Project: WO-01

PCBs EPA 8082A
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0824S1					
Aroclor 1016	**ND**	0.0040	EPA 8082A	8-24-23	8-24-23	
Aroclor 1221	**ND**	0.0040	EPA 8082A	8-24-23	8-24-23	
Aroclor 1232	**ND**	0.0040	EPA 8082A	8-24-23	8-24-23	
Aroclor 1242	**ND**	0.0040	EPA 8082A	8-24-23	8-24-23	
Aroclor 1248	**ND**	0.0040	EPA 8082A	8-24-23	8-24-23	
Aroclor 1254	**ND**	0.0040	EPA 8082A	8-24-23	8-24-23	
Aroclor 1260	**ND**	0.0040	EPA 8082A	8-24-23	8-24-23	
Aroclor 1262	**ND**	0.0040	EPA 8082A	8-24-23	8-24-23	
Aroclor 1268	**ND**	0.0040	EPA 8082A	8-24-23	8-24-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*100*	*50-127*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS											
Laboratory ID:	SB0824S1										
	SB	SBD	SB	SBD		SB	SBD				
Aroclor 1260	**0.397**	**0.424**	0.500	0.500	N/A	**79**	**85**	55-119	7	34	
Surrogate:											
DCB						*82*	*88*	*50-127*			

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Date of Report: August 30, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-251
Project: WO-01

TOTAL METALS
EPA 6020B/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-082223-01**					
Laboratory ID:	08-251-01					
Arsenic	**2.5**	0.52	EPA 6020B	8-24-23	8-24-23	
Cadmium	**ND**	0.052	EPA 6020B	8-24-23	8-24-23	
Chromium	**16**	1.0	EPA 6020B	8-24-23	8-24-23	
Cobalt	**5.6**	0.13	EPA 6020B	8-24-23	8-24-23	
Copper	**17**	1.0	EPA 6020B	8-24-23	8-24-23	
Lead	**2.1**	0.52	EPA 6020B	8-24-23	8-24-23	
Mercury	**ND**	0.052	EPA 7471B	8-23-23	8-23-23	
Nickel	**20**	1.0	EPA 6020B	8-24-23	8-24-23	
Selenium	**ND**	0.13	EPA 6020B	8-24-23	8-24-23	
Silver	**ND**	0.052	EPA 6020B	8-24-23	8-24-23	
Vanadium	**24**	1.0	EPA 6020B	8-24-23	8-24-23	
Zinc	**27**	1.0	EPA 6020B	8-24-23	8-24-23	
Client ID:	**FS-082223-02**					
Laboratory ID:	08-251-02					
Arsenic	**3.2**	0.52	EPA 6020B	8-24-23	8-24-23	
Cadmium	**0.053**	0.052	EPA 6020B	8-24-23	8-24-23	
Chromium	**20**	0.52	EPA 6020B	8-24-23	8-24-23	
Cobalt	**7.3**	0.13	EPA 6020B	8-24-23	8-24-23	
Copper	**19**	0.52	EPA 6020B	8-24-23	8-24-23	
Lead	**2.2**	0.52	EPA 6020B	8-24-23	8-24-23	
Mercury	**0.18**	0.052	EPA 7471B	8-23-23	8-23-23	
Nickel	**23**	0.52	EPA 6020B	8-24-23	8-24-23	
Selenium	**0.16**	0.13	EPA 6020B	8-24-23	8-24-23	
Silver	**0.068**	0.052	EPA 6020B	8-24-23	8-24-23	
Vanadium	**30**	1.0	EPA 6020B	8-24-23	8-24-23	
Zinc	**35**	1.0	EPA 6020B	8-24-23	8-24-23	

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Date of Report: August 30, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-251
Project: WO-01

TOTAL METALS
EPA 6020B/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-082223-03**					
Laboratory ID:	08-251-03					
Arsenic	**3.2**	0.52	EPA 6020B	8-24-23	8-24-23	
Cadmium	**0.058**	0.052	EPA 6020B	8-24-23	8-24-23	
Chromium	**18**	0.52	EPA 6020B	8-24-23	8-24-23	
Cobalt	**7.3**	0.13	EPA 6020B	8-24-23	8-24-23	
Copper	**19**	0.52	EPA 6020B	8-24-23	8-24-23	
Lead	**2.4**	0.52	EPA 6020B	8-24-23	8-24-23	
Mercury	**ND**	0.052	EPA 7471B	8-23-23	8-23-23	
Nickel	**24**	0.52	EPA 6020B	8-24-23	8-24-23	
Selenium	**0.20**	0.13	EPA 6020B	8-24-23	8-24-23	
Silver	**0.057**	0.052	EPA 6020B	8-24-23	8-24-23	
Vanadium	**22**	1.0	EPA 6020B	8-24-23	8-24-23	
Zinc	**29**	1.0	EPA 6020B	8-24-23	8-24-23	

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Date of Report: August 30, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-251
Project: WO-01

TOTAL METALS
EPA 6020B/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0824SM1					
Arsenic	**ND**	0.500	EPA 6020B	8-24-23	8-24-23	
Cadmium	**ND**	0.0500	EPA 6020B	8-24-23	8-24-23	
Chromium	**ND**	0.500	EPA 6020B	8-24-23	8-24-23	
Cobalt	**ND**	0.125	EPA 6020B	8-24-23	8-24-23	
Copper	**ND**	0.500	EPA 6020B	8-24-23	8-24-23	
Lead	**ND**	0.500	EPA 6020B	8-24-23	8-24-23	
Nickel	**ND**	0.500	EPA 6020B	8-24-23	8-24-23	
Selenium	**ND**	0.125	EPA 6020B	8-24-23	8-24-23	
Silver	**ND**	0.0500	EPA 6020B	8-24-23	8-24-23	
Vanadium	**ND**	0.500	EPA 6020B	8-24-23	8-24-23	
Zinc	**ND**	0.500	EPA 6020B	8-24-23	8-24-23	
Laboratory ID:	MB0823S1					
Mercury	**ND**	0.0500	EPA 7471B	8-23-23	8-23-23	

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Date of Report: August 30, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-251
Project: WO-01

TOTAL METALS
EPA 6020B/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result		Spike Level		Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	08-251-01									
	ORIG	DUP								
Arsenic	**2.39**	**2.28**	NA	NA		NA	NA	5	20	
Cadmium	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Chromium	**15.6**	**14.6**	NA	NA		NA	NA	7	20	
Cobalt	**5.35**	**5.05**	NA	NA		NA	NA	6	20	
Copper	**16.7**	**15.5**	NA	NA		NA	NA	7	20	
Lead	**1.97**	**1.68**	NA	NA		NA	NA	16	20	
Nickel	**18.8**	**18.0**	NA	NA		NA	NA	4	20	
Selenium	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Silver	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Vanadium	**23.3**	**21.5**	NA	NA		NA	NA	8	20	
Zinc	**26.0**	**25.7**	NA	NA		NA	NA	1	20	
Laboratory ID:	08-218-01									
Mercury	**ND**	**ND**	NA	NA		NA	NA	NA	20	
MATRIX SPIKES										
Laboratory ID:	08-251-01									
	MS	MSD	MS	MSD		MS	MSD			
Arsenic	**107**	**101**	100	100	2.39	**104**	**98**	75-125	6	20
Cadmium	**54.5**	**53.5**	50.0	50.0	ND	**109**	**107**	75-125	2	20
Chromium	**117**	**111**	100	100	15.6	**101**	**95**	75-125	6	20
Cobalt	**61.0**	**61.5**	50.0	50.0	5.35	**111**	**112**	75-125	1	20
Copper	**70.5**	**70.0**	50.0	50.0	16.7	**108**	**107**	75-125	1	20
Lead	**264**	**259**	250	250	1.97	**105**	**103**	75-125	2	20
Nickel	**128**	**128**	100	100	18.8	**109**	**109**	75-125	0	20
Selenium	**119**	**119**	100	100	ND	**119**	**119**	75-125	0	20
Silver	**24.5**	**24.5**	25.0	25.0	ND	**98**	**98**	75-125	0	20
Vanadium	**73.0**	**67.0**	50.0	50.0	23.3	**100**	**88**	75-125	9	20
Zinc	**136**	**130**	100	100	26.0	**110**	**104**	75-125	4	20
Laboratory ID:	08-218-01									
Mercury	**0.507**	**0.509**	0.500	0.500	0.0124	**99**	**99**	80-120	0	20

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Date of Report: August 30, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-251
Project: WO-01

TOTAL MERCURY
(Re-Analysis)
EPA 7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-082223-02**					
Laboratory ID:	08-251-02					
Mercury	**ND**	0.052	EPA 7471B	8-29-23	8-29-23	

Client ID:	**FS-082223-02**					
Laboratory ID:	08-251-02					
Mercury	**ND**	0.052	EPA 7471B	8-29-23	8-29-23	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 30, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-251
Project: WO-01

TOTAL MERCURY
(Re-Analysis)
EPA 7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0829S1					
Mercury	**ND**	0.0500	EPA 7471B	8-29-23	8-29-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	08-303-02										
	ORIG	DUP									
Mercury	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	08-303-02										
	MS	MSD	MS	MSD		MS	MSD				
Mercury	**0.508**	**0.513**	0.500	0.500	0.0205	**98**	**99**	80-120	1	20	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 30, 2023
Samples Submitted: August 22, 2023
Laboratory Reference: 2308-251
Project: WO-01

% MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
FS-082223-01	08-251-01	**4**	8-23-23
FS-082223-02	08-251-02	**4**	8-23-23
FS-082223-03	08-251-03	**3**	8-23-23

This report pertains to the samples analyzed in accordance with the chain of custody,
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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: DH Environmental, Inc.

Project Number: WO-01

Project Name: Former Jorgensen Forge Facility – Import Fill Sampling

Project Manager: David Hill

Sampled by: Stacy Fox / Dave Jenkins

Turnaround Request (in working days)

(Check One)

- ☐ Same Day
- ☒ 1 Day
- ☐ 2 Days
- ☐ 3 Days
- ☐ Standard (7 Days)
- ☒ Best Available
- ☐ (other) _____

Laboratory Number: 08-251

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (SG Clean-up ☐)	Volatiles 8260 8260C	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082 8082A	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664	TOTAL METALS - SEE METALS LIST IN COMMENTS		MERCURY - REANALYSIS		% Moisture
1	FS-082223-01	8/22/23	1130	Soil	5			X	X	X			X		X								X				X
2	FS-082223-02	8/22/23	1135	Soil	5			X	X	X			X		X								X		(X)		X
3	FS-082223-03	8/22/23	1140	Soil	5			X	X	X			X		X								X				X

	Signature	Company	Date	Time
Relinquished		DH Environmental, Inc.	8/22/23	1635
Received	Nichelle Griffin	OSE	8/22/23	1635
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Total Metals: arsenic (As), cadmium (Cd), chromium (Cr), copper (Cu), lead (Pb), mercury (Hg), nickel (Ni), selenium (Se), silver (Ag), vanadium (V), zinc (Zn) and cobalt (Co) by EPA Methods 200.8/6020.

Please send results to: data@dhenviro.com; davehill@dhenviro.com, nathan.moxley@dhenviro.com

(X) Added 8/25/23. DB (2 day TAT)

Data Package: Standard ☒ Level III ☐ Level IV ☐

Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☒

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

August 30, 2023

David Hill
DH Environmental, Inc.
1011 SW Klickitat Way, Suite 107
Seattle, WA 98103

Re: Analytical Data for Project WO-01-Fill Source Material
Laboratory Reference No. 2308-303

Dear David:

Enclosed are the analytical results and associated quality control data for samples submitted on August 25, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 30, 2023
Samples Submitted: August 25, 2023
Laboratory Reference: 2308-303
Project: WO-01-Fill Source Material

Case Narrative

Samples were collected on August 25, 2023 and received by the laboratory on August 25, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Semivolatiles EPA 8270E/SIM Analysis

The RPD for 4-Chloro-3-methylphenol is outside the control limits for the Spike Blank/Spike Blank Duplicate. The percent recoveries on both spike blanks are within recovery limits. The method allows for a percentage of the compounds to fall outside of the control limits due to the large number of analytes being spiked.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 30, 2023
Samples Submitted: August 25, 2023
Laboratory Reference: 2308-303
Project: WO-01-Fill Source Material

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-082523-01**					
Laboratory ID:	08-303-01					
Gasoline	**ND**	2.6	NWTPH-Gx	8-28-23	8-28-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*89*	*65-126*				
Client ID:	**FS-082523-02**					
Laboratory ID:	08-303-02					
Gasoline	**ND**	3.0	NWTPH-Gx	8-28-23	8-28-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*87*	*65-126*				
Client ID:	**FS-082523-03**					
Laboratory ID:	08-303-03					
Gasoline	**ND**	3.0	NWTPH-Gx	8-28-23	8-28-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*86*	*65-126*				
Client ID:	**FS-082523-04**					
Laboratory ID:	08-303-04					
Gasoline	**ND**	3.0	NWTPH-Gx	8-28-23	8-28-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*87*	*65-126*				
Client ID:	**FS-082523-05**					
Laboratory ID:	08-303-05					
Gasoline	**ND**	2.9	NWTPH-Gx	8-28-23	8-28-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*87*	*65-126*				

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Date of Report: August 30, 2023
Samples Submitted: August 25, 2023
Laboratory Reference: 2308-303
Project: WO-01-Fill Source Material

GASOLINE RANGE ORGANICS
NWTPH-Gx
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0828S1					
Gasoline	**ND**	2.5	NWTPH-Gx	8-28-23	8-28-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*86*	*65-126*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	08-303-01										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*89*	*89*	*65-126*			

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Date of Report: August 30, 2023
Samples Submitted: August 25, 2023
Laboratory Reference: 2308-303
Project: WO-01-Fill Source Material

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-082523-01**					
Laboratory ID:	08-303-01					
Diesel Range Organics	**ND**	8.6	NWTPH-Dx	8-29-23	8-29-23	
Lube Oil Range Organics	**ND**	17	NWTPH-Dx	8-29-23	8-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*94*	*50-150*				
Client ID:	**FS-082523-02**					
Laboratory ID:	08-303-02					
Diesel Range Organics	**ND**	8.7	NWTPH-Dx	8-29-23	8-29-23	
Lube Oil Range Organics	**ND**	17	NWTPH-Dx	8-29-23	8-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*87*	*50-150*				
Client ID:	**FS-082523-03**					
Laboratory ID:	08-303-03					
Diesel Range Organics	**ND**	8.7	NWTPH-Dx	8-29-23	8-29-23	
Lube Oil Range Organics	**ND**	17	NWTPH-Dx	8-29-23	8-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*89*	*50-150*				
Client ID:	**FS-082523-04**					
Laboratory ID:	08-303-04					
Diesel Range Organics	**ND**	8.6	NWTPH-Dx	8-29-23	8-29-23	
Lube Oil Range Organics	**ND**	17	NWTPH-Dx	8-29-23	8-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*81*	*50-150*				
Client ID:	**FS-082523-05**					
Laboratory ID:	08-303-05					
Diesel Range Organics	**ND**	8.6	NWTPH-Dx	8-29-23	8-29-23	
Lube Oil Range Organics	**ND**	17	NWTPH-Dx	8-29-23	8-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*83*	*50-150*				

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Laboratory Reference: 2308-303
Project: WO-01-Fill Source Material

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0829S2					
Diesel Range Organics	**ND**	8.3	NWTPH-Dx	8-29-23	8-29-23	
Lube Oil Range Organics	**ND**	17	NWTPH-Dx	8-29-23	8-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*97*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	08-298-03										
	ORIG	DUP									
Diesel Range	**ND**	**ND**	NA	NA		NA		NA	NA	40	
Lube Oil Range	**ND**	**ND**	NA	NA		NA		NA	NA	40	
Surrogate:											
o-Terphenyl						*71*	*66*	*50-150*			

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Laboratory Reference: 2308-303
Project: WO-01-Fill Source Material

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-082523-01**					
Laboratory ID:	08-303-01					
Dichlorodifluoromethane	ND	0.00099	EPA 8260D	8-28-23	8-28-23	
Chloromethane	ND	0.00099	EPA 8260D	8-28-23	8-28-23	
Vinyl Chloride	ND	0.00049	EPA 8260D	8-28-23	8-28-23	
Bromomethane	ND	0.00099	EPA 8260D	8-28-23	8-28-23	
Chloroethane	ND	0.00099	EPA 8260D	8-28-23	8-28-23	
Trichlorofluoromethane	ND	0.00049	EPA 8260D	8-28-23	8-28-23	
1,1-Dichloroethene	ND	0.00049	EPA 8260D	8-28-23	8-28-23	
Acetone	ND	0.0049	EPA 8260D	8-28-23	8-28-23	
Iodomethane	ND	0.0076	EPA 8260D	8-28-23	8-28-23	
Carbon Disulfide	ND	0.0015	EPA 8260D	8-28-23	8-28-23	
Methylene Chloride	ND	0.0049	EPA 8260D	8-28-23	8-28-23	
(trans) 1,2-Dichloroethene	ND	0.00049	EPA 8260D	8-28-23	8-28-23	
Methyl t-Butyl Ether	ND	0.00099	EPA 8260D	8-28-23	8-28-23	
1,1-Dichloroethane	ND	0.00049	EPA 8260D	8-28-23	8-28-23	
Vinyl Acetate	ND	0.00099	EPA 8260D	8-28-23	8-28-23	
2,2-Dichloropropane	ND	0.00099	EPA 8260D	8-28-23	8-28-23	
(cis) 1,2-Dichloroethene	ND	0.00049	EPA 8260D	8-28-23	8-28-23	
2-Butanone	ND	0.0049	EPA 8260D	8-28-23	8-28-23	
Bromochloromethane	ND	0.00049	EPA 8260D	8-28-23	8-28-23	
Chloroform	ND	0.00049	EPA 8260D	8-28-23	8-28-23	
1,1,1-Trichloroethane	ND	0.00049	EPA 8260D	8-28-23	8-28-23	
Carbon Tetrachloride	ND	0.00099	EPA 8260D	8-28-23	8-28-23	
1,1-Dichloropropene	ND	0.00049	EPA 8260D	8-28-23	8-28-23	
Benzene	ND	0.00049	EPA 8260D	8-28-23	8-28-23	
1,2-Dichloroethane	ND	0.00049	EPA 8260D	8-28-23	8-28-23	
Trichloroethene	ND	0.00049	EPA 8260D	8-28-23	8-28-23	
1,2-Dichloropropane	ND	0.00049	EPA 8260D	8-28-23	8-28-23	
Dibromomethane	ND	0.00049	EPA 8260D	8-28-23	8-28-23	
Bromodichloromethane	ND	0.00099	EPA 8260D	8-28-23	8-28-23	
2-Chloroethyl Vinyl Ether	ND	0.0049	EPA 8260D	8-28-23	8-28-23	
(cis) 1,3-Dichloropropene	ND	0.00099	EPA 8260D	8-28-23	8-28-23	
Methyl Isobutyl Ketone	ND	0.00099	EPA 8260D	8-28-23	8-28-23	
Toluene	ND	0.00099	EPA 8260D	8-28-23	8-28-23	

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Project: WO-01-Fill Source Material

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-082523-01**					
Laboratory ID:	08-303-01					
(trans) 1,3-Dichloropropene	ND	0.00099	EPA 8260D	8-28-23	8-28-23	
1,1,2-Trichloroethane	ND	0.00049	EPA 8260D	8-28-23	8-28-23	
Tetrachloroethene	ND	0.00049	EPA 8260D	8-28-23	8-28-23	
1,3-Dichloropropane	ND	0.00049	EPA 8260D	8-28-23	8-28-23	
2-Hexanone	ND	0.00099	EPA 8260D	8-28-23	8-28-23	
Dibromochloromethane	ND	0.00099	EPA 8260D	8-28-23	8-28-23	
1,2-Dibromoethane	ND	0.00049	EPA 8260D	8-28-23	8-28-23	
Chlorobenzene	ND	0.00049	EPA 8260D	8-28-23	8-28-23	
1,1,1,2-Tetrachloroethane	ND	0.00099	EPA 8260D	8-28-23	8-28-23	
Ethylbenzene	ND	0.00049	EPA 8260D	8-28-23	8-28-23	
m,p-Xylene	ND	0.0020	EPA 8260D	8-28-23	8-28-23	
o-Xylene	ND	0.00099	EPA 8260D	8-28-23	8-28-23	
Styrene	ND	0.00099	EPA 8260D	8-28-23	8-28-23	
Bromoform	ND	0.00099	EPA 8260D	8-28-23	8-28-23	
Isopropylbenzene	ND	0.00099	EPA 8260D	8-28-23	8-28-23	
Bromobenzene	ND	0.00049	EPA 8260D	8-28-23	8-28-23	
1,1,2,2-Tetrachloroethane	ND	0.00099	EPA 8260D	8-28-23	8-28-23	
1,2,3-Trichloropropane	ND	0.00049	EPA 8260D	8-28-23	8-28-23	
n-Propylbenzene	ND	0.00049	EPA 8260D	8-28-23	8-28-23	
2-Chlorotoluene	ND	0.00049	EPA 8260D	8-28-23	8-28-23	
4-Chlorotoluene	ND	0.00049	EPA 8260D	8-28-23	8-28-23	
1,3,5-Trimethylbenzene	ND	0.00049	EPA 8260D	8-28-23	8-28-23	
tert-Butylbenzene	ND	0.00049	EPA 8260D	8-28-23	8-28-23	
1,2,4-Trimethylbenzene	ND	0.00049	EPA 8260D	8-28-23	8-28-23	
sec-Butylbenzene	ND	0.00049	EPA 8260D	8-28-23	8-28-23	
1,3-Dichlorobenzene	ND	0.00049	EPA 8260D	8-28-23	8-28-23	
p-Isopropyltoluene	ND	0.00049	EPA 8260D	8-28-23	8-28-23	
1,4-Dichlorobenzene	ND	0.00099	EPA 8260D	8-28-23	8-28-23	
1,2-Dichlorobenzene	ND	0.00049	EPA 8260D	8-28-23	8-28-23	
n-Butylbenzene	ND	0.00049	EPA 8260D	8-28-23	8-28-23	
1,2-Dibromo-3-chloropropane	ND	0.00099	EPA 8260D	8-28-23	8-28-23	
1,2,4-Trichlorobenzene	ND	0.00099	EPA 8260D	8-28-23	8-28-23	
Hexachlorobutadiene	ND	0.00099	EPA 8260D	8-28-23	8-28-23	
Naphthalene	ND	0.00099	EPA 8260D	8-28-23	8-28-23	
1,2,3-Trichlorobenzene	ND	0.00099	EPA 8260D	8-28-23	8-28-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*98*	*75-130*				
Toluene-d8	*102*	*78-128*				
4-Bromofluorobenzene	*113*	*71-130*				

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Project: WO-01-Fill Source Material

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-082523-02**					
Laboratory ID:	08-303-02					
Dichlorodifluoromethane	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
Chloromethane	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
Vinyl Chloride	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
Bromomethane	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
Chloroethane	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
Trichlorofluoromethane	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
1,1-Dichloroethene	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
Acetone	ND	0.0056	EPA 8260D	8-28-23	8-28-23	
Iodomethane	ND	0.0086	EPA 8260D	8-28-23	8-28-23	
Carbon Disulfide	ND	0.0017	EPA 8260D	8-28-23	8-28-23	
Methylene Chloride	ND	0.0056	EPA 8260D	8-28-23	8-28-23	
(trans) 1,2-Dichloroethene	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
1,1-Dichloroethane	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
Vinyl Acetate	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
2,2-Dichloropropane	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
(cis) 1,2-Dichloroethene	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
2-Butanone	ND	0.0056	EPA 8260D	8-28-23	8-28-23	
Bromochloromethane	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
Chloroform	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
1,1,1-Trichloroethane	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
Carbon Tetrachloride	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
1,1-Dichloropropene	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
Benzene	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
1,2-Dichloroethane	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
Trichloroethene	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
1,2-Dichloropropane	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
Dibromomethane	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
Bromodichloromethane	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
2-Chloroethyl Vinyl Ether	ND	0.0056	EPA 8260D	8-28-23	8-28-23	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
Methyl Isobutyl Ketone	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
Toluene	ND	0.0011	EPA 8260D	8-28-23	8-28-23	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-082523-02**					
Laboratory ID:	08-303-02					
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
1,1,2-Trichloroethane	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
Tetrachloroethene	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
1,3-Dichloropropane	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
2-Hexanone	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
Dibromochloromethane	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
1,2-Dibromoethane	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
Chlorobenzene	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
Ethylbenzene	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
m,p-Xylene	ND	0.0022	EPA 8260D	8-28-23	8-28-23	
o-Xylene	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
Styrene	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
Bromoform	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
Isopropylbenzene	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
Bromobenzene	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
1,2,3-Trichloropropane	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
n-Propylbenzene	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
2-Chlorotoluene	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
4-Chlorotoluene	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
1,3,5-Trimethylbenzene	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
tert-Butylbenzene	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
1,2,4-Trimethylbenzene	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
sec-Butylbenzene	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
1,3-Dichlorobenzene	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
p-Isopropyltoluene	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
1,2-Dichlorobenzene	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
n-Butylbenzene	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
1,2-Dibromo-3-chloropropane	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
Hexachlorobutadiene	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
Naphthalene	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*99*	*75-130*				
Toluene-d8	*104*	*78-128*				
4-Bromofluorobenzene	*104*	*71-130*				

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Project: WO-01-Fill Source Material

VOLATILE ORGANICS EPA 8260D
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-082523-03**					
Laboratory ID:	08-303-03					
Dichlorodifluoromethane	ND	0.0012	EPA 8260D	8-28-23	8-28-23	
Chloromethane	ND	0.0012	EPA 8260D	8-28-23	8-28-23	
Vinyl Chloride	ND	0.00059	EPA 8260D	8-28-23	8-28-23	
Bromomethane	ND	0.0012	EPA 8260D	8-28-23	8-28-23	
Chloroethane	ND	0.0012	EPA 8260D	8-28-23	8-28-23	
Trichlorofluoromethane	ND	0.00059	EPA 8260D	8-28-23	8-28-23	
1,1-Dichloroethene	ND	0.00059	EPA 8260D	8-28-23	8-28-23	
Acetone	ND	0.0059	EPA 8260D	8-28-23	8-28-23	
Iodomethane	ND	0.0090	EPA 8260D	8-28-23	8-28-23	
Carbon Disulfide	ND	0.0018	EPA 8260D	8-28-23	8-28-23	
Methylene Chloride	ND	0.0059	EPA 8260D	8-28-23	8-28-23	
(trans) 1,2-Dichloroethene	ND	0.00059	EPA 8260D	8-28-23	8-28-23	
Methyl t-Butyl Ether	ND	0.0012	EPA 8260D	8-28-23	8-28-23	
1,1-Dichloroethane	ND	0.00059	EPA 8260D	8-28-23	8-28-23	
Vinyl Acetate	ND	0.0012	EPA 8260D	8-28-23	8-28-23	
2,2-Dichloropropane	ND	0.0012	EPA 8260D	8-28-23	8-28-23	
(cis) 1,2-Dichloroethene	ND	0.00059	EPA 8260D	8-28-23	8-28-23	
2-Butanone	ND	0.0059	EPA 8260D	8-28-23	8-28-23	
Bromochloromethane	ND	0.00059	EPA 8260D	8-28-23	8-28-23	
Chloroform	ND	0.00059	EPA 8260D	8-28-23	8-28-23	
1,1,1-Trichloroethane	ND	0.00059	EPA 8260D	8-28-23	8-28-23	
Carbon Tetrachloride	ND	0.0012	EPA 8260D	8-28-23	8-28-23	
1,1-Dichloropropene	ND	0.00059	EPA 8260D	8-28-23	8-28-23	
Benzene	ND	0.00059	EPA 8260D	8-28-23	8-28-23	
1,2-Dichloroethane	ND	0.00059	EPA 8260D	8-28-23	8-28-23	
Trichloroethene	ND	0.00059	EPA 8260D	8-28-23	8-28-23	
1,2-Dichloropropane	ND	0.00059	EPA 8260D	8-28-23	8-28-23	
Dibromomethane	ND	0.00059	EPA 8260D	8-28-23	8-28-23	
Bromodichloromethane	ND	0.0012	EPA 8260D	8-28-23	8-28-23	
2-Chloroethyl Vinyl Ether	ND	0.0059	EPA 8260D	8-28-23	8-28-23	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260D	8-28-23	8-28-23	
Methyl Isobutyl Ketone	ND	0.0012	EPA 8260D	8-28-23	8-28-23	
Toluene	ND	0.0012	EPA 8260D	8-28-23	8-28-23	

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Date of Report: August 30, 2023
Samples Submitted: August 25, 2023
Laboratory Reference: 2308-303
Project: WO-01-Fill Source Material

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-082523-03**					
Laboratory ID:	08-303-03					
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260D	8-28-23	8-28-23	
1,1,2-Trichloroethane	ND	0.00059	EPA 8260D	8-28-23	8-28-23	
Tetrachloroethene	ND	0.00059	EPA 8260D	8-28-23	8-28-23	
1,3-Dichloropropane	ND	0.00059	EPA 8260D	8-28-23	8-28-23	
2-Hexanone	ND	0.0012	EPA 8260D	8-28-23	8-28-23	
Dibromochloromethane	ND	0.0012	EPA 8260D	8-28-23	8-28-23	
1,2-Dibromoethane	ND	0.00059	EPA 8260D	8-28-23	8-28-23	
Chlorobenzene	ND	0.00059	EPA 8260D	8-28-23	8-28-23	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260D	8-28-23	8-28-23	
Ethylbenzene	ND	0.00059	EPA 8260D	8-28-23	8-28-23	
m,p-Xylene	ND	0.0023	EPA 8260D	8-28-23	8-28-23	
o-Xylene	ND	0.0012	EPA 8260D	8-28-23	8-28-23	
Styrene	ND	0.0012	EPA 8260D	8-28-23	8-28-23	
Bromoform	ND	0.0012	EPA 8260D	8-28-23	8-28-23	
Isopropylbenzene	ND	0.0012	EPA 8260D	8-28-23	8-28-23	
Bromobenzene	ND	0.00059	EPA 8260D	8-28-23	8-28-23	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260D	8-28-23	8-28-23	
1,2,3-Trichloropropane	ND	0.00059	EPA 8260D	8-28-23	8-28-23	
n-Propylbenzene	ND	0.00059	EPA 8260D	8-28-23	8-28-23	
2-Chlorotoluene	ND	0.00059	EPA 8260D	8-28-23	8-28-23	
4-Chlorotoluene	ND	0.00059	EPA 8260D	8-28-23	8-28-23	
1,3,5-Trimethylbenzene	ND	0.00059	EPA 8260D	8-28-23	8-28-23	
tert-Butylbenzene	ND	0.00059	EPA 8260D	8-28-23	8-28-23	
1,2,4-Trimethylbenzene	ND	0.00059	EPA 8260D	8-28-23	8-28-23	
sec-Butylbenzene	ND	0.00059	EPA 8260D	8-28-23	8-28-23	
1,3-Dichlorobenzene	ND	0.00059	EPA 8260D	8-28-23	8-28-23	
p-Isopropyltoluene	ND	0.00059	EPA 8260D	8-28-23	8-28-23	
1,4-Dichlorobenzene	ND	0.0012	EPA 8260D	8-28-23	8-28-23	
1,2-Dichlorobenzene	ND	0.00059	EPA 8260D	8-28-23	8-28-23	
n-Butylbenzene	ND	0.00059	EPA 8260D	8-28-23	8-28-23	
1,2-Dibromo-3-chloropropane	ND	0.0012	EPA 8260D	8-28-23	8-28-23	
1,2,4-Trichlorobenzene	ND	0.0012	EPA 8260D	8-28-23	8-28-23	
Hexachlorobutadiene	ND	0.0012	EPA 8260D	8-28-23	8-28-23	
Naphthalene	ND	0.0012	EPA 8260D	8-28-23	8-28-23	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260D	8-28-23	8-28-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*100*	*75-130*				
Toluene-d8	*103*	*78-128*				
4-Bromofluorobenzene	*114*	*71-130*				

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Date of Report: August 30, 2023
Samples Submitted: August 25, 2023
Laboratory Reference: 2308-303
Project: WO-01-Fill Source Material

VOLATILE ORGANICS EPA 8260D
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-082523-04**					
Laboratory ID:	08-303-04					
Dichlorodifluoromethane	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
Chloromethane	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
Vinyl Chloride	ND	0.00054	EPA 8260D	8-28-23	8-28-23	
Bromomethane	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
Chloroethane	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
Trichlorofluoromethane	ND	0.00054	EPA 8260D	8-28-23	8-28-23	
1,1-Dichloroethene	ND	0.00054	EPA 8260D	8-28-23	8-28-23	
Acetone	ND	0.0054	EPA 8260D	8-28-23	8-28-23	
Iodomethane	ND	0.0084	EPA 8260D	8-28-23	8-28-23	
Carbon Disulfide	ND	0.0016	EPA 8260D	8-28-23	8-28-23	
Methylene Chloride	ND	0.0054	EPA 8260D	8-28-23	8-28-23	
(trans) 1,2-Dichloroethene	ND	0.00054	EPA 8260D	8-28-23	8-28-23	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
1,1-Dichloroethane	ND	0.00054	EPA 8260D	8-28-23	8-28-23	
Vinyl Acetate	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
2,2-Dichloropropane	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
(cis) 1,2-Dichloroethene	ND	0.00054	EPA 8260D	8-28-23	8-28-23	
2-Butanone	ND	0.0054	EPA 8260D	8-28-23	8-28-23	
Bromochloromethane	ND	0.00054	EPA 8260D	8-28-23	8-28-23	
Chloroform	ND	0.00054	EPA 8260D	8-28-23	8-28-23	
1,1,1-Trichloroethane	ND	0.00054	EPA 8260D	8-28-23	8-28-23	
Carbon Tetrachloride	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
1,1-Dichloropropene	ND	0.00054	EPA 8260D	8-28-23	8-28-23	
Benzene	ND	0.00054	EPA 8260D	8-28-23	8-28-23	
1,2-Dichloroethane	ND	0.00054	EPA 8260D	8-28-23	8-28-23	
Trichloroethene	ND	0.00054	EPA 8260D	8-28-23	8-28-23	
1,2-Dichloropropane	ND	0.00054	EPA 8260D	8-28-23	8-28-23	
Dibromomethane	ND	0.00054	EPA 8260D	8-28-23	8-28-23	
Bromodichloromethane	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
2-Chloroethyl Vinyl Ether	ND	0.0054	EPA 8260D	8-28-23	8-28-23	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
Methyl Isobutyl Ketone	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
Toluene	ND	0.0011	EPA 8260D	8-28-23	8-28-23	

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Date of Report: August 30, 2023
Samples Submitted: August 25, 2023
Laboratory Reference: 2308-303
Project: WO-01-Fill Source Material

VOLATILE ORGANICS EPA 8260D
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-082523-04**					
Laboratory ID:	08-303-04					
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
1,1,2-Trichloroethane	ND	0.00054	EPA 8260D	8-28-23	8-28-23	
Tetrachloroethene	ND	0.00054	EPA 8260D	8-28-23	8-28-23	
1,3-Dichloropropane	ND	0.00054	EPA 8260D	8-28-23	8-28-23	
2-Hexanone	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
Dibromochloromethane	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
1,2-Dibromoethane	ND	0.00054	EPA 8260D	8-28-23	8-28-23	
Chlorobenzene	ND	0.00054	EPA 8260D	8-28-23	8-28-23	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
Ethylbenzene	ND	0.00054	EPA 8260D	8-28-23	8-28-23	
m,p-Xylene	ND	0.0022	EPA 8260D	8-28-23	8-28-23	
o-Xylene	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
Styrene	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
Bromoform	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
Isopropylbenzene	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
Bromobenzene	ND	0.00054	EPA 8260D	8-28-23	8-28-23	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
1,2,3-Trichloropropane	ND	0.00054	EPA 8260D	8-28-23	8-28-23	
n-Propylbenzene	ND	0.00054	EPA 8260D	8-28-23	8-28-23	
2-Chlorotoluene	ND	0.00054	EPA 8260D	8-28-23	8-28-23	
4-Chlorotoluene	ND	0.00054	EPA 8260D	8-28-23	8-28-23	
1,3,5-Trimethylbenzene	ND	0.00054	EPA 8260D	8-28-23	8-28-23	
tert-Butylbenzene	ND	0.00054	EPA 8260D	8-28-23	8-28-23	
1,2,4-Trimethylbenzene	ND	0.00054	EPA 8260D	8-28-23	8-28-23	
sec-Butylbenzene	ND	0.00054	EPA 8260D	8-28-23	8-28-23	
1,3-Dichlorobenzene	ND	0.00054	EPA 8260D	8-28-23	8-28-23	
p-Isopropyltoluene	ND	0.00054	EPA 8260D	8-28-23	8-28-23	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
1,2-Dichlorobenzene	ND	0.00054	EPA 8260D	8-28-23	8-28-23	
n-Butylbenzene	ND	0.00054	EPA 8260D	8-28-23	8-28-23	
1,2-Dibromo-3-chloropropane	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
Hexachlorobutadiene	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
Naphthalene	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*97*	*75-130*				
Toluene-d8	*102*	*78-128*				
4-Bromofluorobenzene	*98*	*71-130*				

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Date of Report: August 30, 2023
Samples Submitted: August 25, 2023
Laboratory Reference: 2308-303
Project: WO-01-Fill Source Material

VOLATILE ORGANICS EPA 8260D
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-082523-05**					
Laboratory ID:	08-303-05					
Dichlorodifluoromethane	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
Chloromethane	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
Vinyl Chloride	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
Bromomethane	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
Chloroethane	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
Trichlorofluoromethane	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
1,1-Dichloroethene	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
Acetone	ND	0.0056	EPA 8260D	8-28-23	8-28-23	
Iodomethane	ND	0.0086	EPA 8260D	8-28-23	8-28-23	
Carbon Disulfide	ND	0.0017	EPA 8260D	8-28-23	8-28-23	
Methylene Chloride	ND	0.0056	EPA 8260D	8-28-23	8-28-23	
(trans) 1,2-Dichloroethene	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
1,1-Dichloroethane	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
Vinyl Acetate	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
2,2-Dichloropropane	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
(cis) 1,2-Dichloroethene	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
2-Butanone	ND	0.0056	EPA 8260D	8-28-23	8-28-23	
Bromochloromethane	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
Chloroform	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
1,1,1-Trichloroethane	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
Carbon Tetrachloride	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
1,1-Dichloropropene	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
Benzene	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
1,2-Dichloroethane	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
Trichloroethene	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
1,2-Dichloropropane	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
Dibromomethane	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
Bromodichloromethane	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
2-Chloroethyl Vinyl Ether	ND	0.0056	EPA 8260D	8-28-23	8-28-23	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
Methyl Isobutyl Ketone	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
Toluene	ND	0.0011	EPA 8260D	8-28-23	8-28-23	

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Project: WO-01-Fill Source Material

VOLATILE ORGANICS EPA 8260D
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-082523-05**					
Laboratory ID:	08-303-05					
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
1,1,2-Trichloroethane	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
Tetrachloroethene	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
1,3-Dichloropropane	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
2-Hexanone	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
Dibromochloromethane	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
1,2-Dibromoethane	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
Chlorobenzene	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
Ethylbenzene	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
m,p-Xylene	ND	0.0022	EPA 8260D	8-28-23	8-28-23	
o-Xylene	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
Styrene	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
Bromoform	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
Isopropylbenzene	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
Bromobenzene	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
1,2,3-Trichloropropane	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
n-Propylbenzene	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
2-Chlorotoluene	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
4-Chlorotoluene	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
1,3,5-Trimethylbenzene	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
tert-Butylbenzene	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
1,2,4-Trimethylbenzene	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
sec-Butylbenzene	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
1,3-Dichlorobenzene	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
p-Isopropyltoluene	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
1,2-Dichlorobenzene	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
n-Butylbenzene	ND	0.00056	EPA 8260D	8-28-23	8-28-23	
1,2-Dibromo-3-chloropropane	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
Hexachlorobutadiene	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
Naphthalene	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260D	8-28-23	8-28-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*104*	*75-130*				
Toluene-d8	*103*	*78-128*				
4-Bromofluorobenzene	*91*	*71-130*				

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Date of Report: August 30, 2023
Samples Submitted: August 25, 2023
Laboratory Reference: 2308-303
Project: WO-01-Fill Source Material

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0828S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260D	8-28-23	8-28-23	
Chloromethane	ND	0.0010	EPA 8260D	8-28-23	8-28-23	
Vinyl Chloride	ND	0.00050	EPA 8260D	8-28-23	8-28-23	
Bromomethane	ND	0.0010	EPA 8260D	8-28-23	8-28-23	
Chloroethane	ND	0.0010	EPA 8260D	8-28-23	8-28-23	
Trichlorofluoromethane	ND	0.00050	EPA 8260D	8-28-23	8-28-23	
1,1-Dichloroethene	ND	0.00050	EPA 8260D	8-28-23	8-28-23	
Acetone	ND	0.0050	EPA 8260D	8-28-23	8-28-23	
Iodomethane	ND	0.0077	EPA 8260D	8-28-23	8-28-23	
Carbon Disulfide	ND	0.0015	EPA 8260D	8-28-23	8-28-23	
Methylene Chloride	ND	0.0050	EPA 8260D	8-28-23	8-28-23	
(trans) 1,2-Dichloroethene	ND	0.00050	EPA 8260D	8-28-23	8-28-23	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260D	8-28-23	8-28-23	
1,1-Dichloroethane	ND	0.00050	EPA 8260D	8-28-23	8-28-23	
Vinyl Acetate	ND	0.0010	EPA 8260D	8-28-23	8-28-23	
2,2-Dichloropropane	ND	0.0010	EPA 8260D	8-28-23	8-28-23	
(cis) 1,2-Dichloroethene	ND	0.00050	EPA 8260D	8-28-23	8-28-23	
2-Butanone	ND	0.0050	EPA 8260D	8-28-23	8-28-23	
Bromochloromethane	ND	0.00050	EPA 8260D	8-28-23	8-28-23	
Chloroform	ND	0.00050	EPA 8260D	8-28-23	8-28-23	
1,1,1-Trichloroethane	ND	0.00050	EPA 8260D	8-28-23	8-28-23	
Carbon Tetrachloride	ND	0.0010	EPA 8260D	8-28-23	8-28-23	
1,1-Dichloropropene	ND	0.00050	EPA 8260D	8-28-23	8-28-23	
Benzene	ND	0.00050	EPA 8260D	8-28-23	8-28-23	
1,2-Dichloroethane	ND	0.00050	EPA 8260D	8-28-23	8-28-23	
Trichloroethene	ND	0.00050	EPA 8260D	8-28-23	8-28-23	
1,2-Dichloropropane	ND	0.00050	EPA 8260D	8-28-23	8-28-23	
Dibromomethane	ND	0.00050	EPA 8260D	8-28-23	8-28-23	
Bromodichloromethane	ND	0.0010	EPA 8260D	8-28-23	8-28-23	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260D	8-28-23	8-28-23	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	8-28-23	8-28-23	
Methyl Isobutyl Ketone	ND	0.0010	EPA 8260D	8-28-23	8-28-23	
Toluene	ND	0.0010	EPA 8260D	8-28-23	8-28-23	

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Date of Report: August 30, 2023
Samples Submitted: August 25, 2023
Laboratory Reference: 2308-303
Project: WO-01-Fill Source Material

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0828S1					
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	8-28-23	8-28-23	
1,1,2-Trichloroethane	ND	0.00050	EPA 8260D	8-28-23	8-28-23	
Tetrachloroethene	ND	0.00050	EPA 8260D	8-28-23	8-28-23	
1,3-Dichloropropane	ND	0.00050	EPA 8260D	8-28-23	8-28-23	
2-Hexanone	ND	0.0010	EPA 8260D	8-28-23	8-28-23	
Dibromochloromethane	ND	0.0010	EPA 8260D	8-28-23	8-28-23	
1,2-Dibromoethane	ND	0.00050	EPA 8260D	8-28-23	8-28-23	
Chlorobenzene	ND	0.00050	EPA 8260D	8-28-23	8-28-23	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260D	8-28-23	8-28-23	
Ethylbenzene	ND	0.00050	EPA 8260D	8-28-23	8-28-23	
m,p-Xylene	ND	0.0020	EPA 8260D	8-28-23	8-28-23	
o-Xylene	ND	0.0010	EPA 8260D	8-28-23	8-28-23	
Styrene	ND	0.0010	EPA 8260D	8-28-23	8-28-23	
Bromoform	ND	0.0010	EPA 8260D	8-28-23	8-28-23	
Isopropylbenzene	ND	0.0010	EPA 8260D	8-28-23	8-28-23	
Bromobenzene	ND	0.00050	EPA 8260D	8-28-23	8-28-23	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260D	8-28-23	8-28-23	
1,2,3-Trichloropropane	ND	0.00050	EPA 8260D	8-28-23	8-28-23	
n-Propylbenzene	ND	0.00050	EPA 8260D	8-28-23	8-28-23	
2-Chlorotoluene	ND	0.00050	EPA 8260D	8-28-23	8-28-23	
4-Chlorotoluene	ND	0.00050	EPA 8260D	8-28-23	8-28-23	
1,3,5-Trimethylbenzene	ND	0.00050	EPA 8260D	8-28-23	8-28-23	
tert-Butylbenzene	ND	0.00050	EPA 8260D	8-28-23	8-28-23	
1,2,4-Trimethylbenzene	ND	0.00050	EPA 8260D	8-28-23	8-28-23	
sec-Butylbenzene	ND	0.00050	EPA 8260D	8-28-23	8-28-23	
1,3-Dichlorobenzene	ND	0.00050	EPA 8260D	8-28-23	8-28-23	
p-Isopropyltoluene	ND	0.00050	EPA 8260D	8-28-23	8-28-23	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260D	8-28-23	8-28-23	
1,2-Dichlorobenzene	ND	0.00050	EPA 8260D	8-28-23	8-28-23	
n-Butylbenzene	ND	0.00050	EPA 8260D	8-28-23	8-28-23	
1,2-Dibromo-3-chloropropane	ND	0.0010	EPA 8260D	8-28-23	8-28-23	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260D	8-28-23	8-28-23	
Hexachlorobutadiene	ND	0.0010	EPA 8260D	8-28-23	8-28-23	
Naphthalene	ND	0.0010	EPA 8260D	8-28-23	8-28-23	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260D	8-28-23	8-28-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*99*	*75-130*				
Toluene-d8	*100*	*78-128*				
4-Bromofluorobenzene	*101*	*71-130*				

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QUALITY CONTROL
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Matrix: Soil
Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0828S1									
	SB	SBD	SB	SBD	SB	SBD				
Dichlorodifluoromethane	**0.0577**	**0.0573**	0.0500	0.0500	115	115	30-160	1	26	
Chloromethane	**0.0455**	**0.0462**	0.0500	0.0500	91	92	59-131	2	26	
Vinyl Chloride	**0.0478**	**0.0501**	0.0500	0.0500	96	100	68-136	5	23	
Bromomethane	**0.0416**	**0.0470**	0.0500	0.0500	83	94	48-155	12	32	
Chloroethane	**0.0480**	**0.0528**	0.0500	0.0500	96	106	67-141	10	16	
Trichlorofluoromethane	**0.0520**	**0.0570**	0.0500	0.0500	104	114	76-127	9	19	
1,1-Dichloroethene	**0.0500**	**0.0534**	0.0500	0.0500	100	107	75-129	7	19	
Acetone	**0.0506**	**0.0526**	0.0500	0.0500	101	105	49-158	4	37	
Iodomethane	**0.0323**	**0.0339**	0.0500	0.0500	65	68	37-140	5	27	
Carbon Disulfide	**0.0331**	**0.0329**	0.0500	0.0500	66	66	41-143	1	19	
Methylene Chloride	**0.0459**	**0.0512**	0.0500	0.0500	92	102	60-124	11	18	
(trans) 1,2-Dichloroethene	**0.0486**	**0.0532**	0.0500	0.0500	97	106	79-133	9	15	
Methyl t-Butyl Ether	**0.0486**	**0.0513**	0.0500	0.0500	97	103	73-125	5	17	
1,1-Dichloroethane	**0.0488**	**0.0532**	0.0500	0.0500	98	106	79-125	9	17	
Vinyl Acetate	**0.0479**	**0.0484**	0.0500	0.0500	96	97	51-145	1	41	
2,2-Dichloropropane	**0.0537**	**0.0589**	0.0500	0.0500	107	118	79-126	9	18	
(cis) 1,2-Dichloroethene	**0.0530**	**0.0551**	0.0500	0.0500	106	110	75-131	4	15	
2-Butanone	**0.0504**	**0.0535**	0.0500	0.0500	101	107	54-145	6	32	
Bromochloromethane	**0.0523**	**0.0547**	0.0500	0.0500	105	109	80-126	4	15	
Chloroform	**0.0483**	**0.0524**	0.0500	0.0500	97	105	80-123	8	15	
1,1,1-Trichloroethane	**0.0461**	**0.0504**	0.0500	0.0500	92	101	78-124	9	21	
Carbon Tetrachloride	**0.0448**	**0.0454**	0.0500	0.0500	90	91	74-127	1	18	
1,1-Dichloropropene	**0.0422**	**0.0474**	0.0500	0.0500	84	95	80-123	12	15	
Benzene	**0.0484**	**0.0512**	0.0500	0.0500	97	102	80-122	6	18	
1,2-Dichloroethane	**0.0494**	**0.0545**	0.0500	0.0500	99	109	75-124	10	15	
Trichloroethene	**0.0533**	**0.0570**	0.0500	0.0500	107	114	80-129	7	18	
1,2-Dichloropropane	**0.0548**	**0.0561**	0.0500	0.0500	110	112	80-123	2	15	
Dibromomethane	**0.0519**	**0.0519**	0.0500	0.0500	104	104	80-123	0	15	
Bromodichloromethane	**0.0551**	**0.0571**	0.0500	0.0500	110	114	80-129	4	15	
(cis) 1,3-Dichloropropene	**0.0558**	**0.0571**	0.0500	0.0500	112	114	80-130	2	15	
Methyl Isobutyl Ketone	**0.0503**	**0.0503**	0.0500	0.0500	101	101	63-137	0	27	
Toluene	**0.0507**	**0.0527**	0.0500	0.0500	101	105	80-120	4	18	
(trans) 1,3-Dichloropropene	**0.0545**	**0.0587**	0.0500	0.0500	109	117	80-124	7	15	

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Samples Submitted: August 25, 2023
Laboratory Reference: 2308-303
Project: WO-01-Fill Source Material

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0828S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1,2-Trichloroethane	**0.0471**	**0.0484**	0.0500	0.0500	94	97	80-120	3	15	
Tetrachloroethene	**0.0547**	**0.0568**	0.0500	0.0500	109	114	77-126	4	15	
1,3-Dichloropropane	**0.0496**	**0.0524**	0.0500	0.0500	99	105	77-123	5	15	
2-Hexanone	**0.0557**	**0.0504**	0.0500	0.0500	111	101	53-137	10	29	
Dibromochloromethane	**0.0527**	**0.0558**	0.0500	0.0500	105	112	80-128	6	16	
1,2-Dibromoethane	**0.0488**	**0.0514**	0.0500	0.0500	98	103	80-122	5	20	
Chlorobenzene	**0.0506**	**0.0535**	0.0500	0.0500	101	107	80-120	6	18	
1,1,1,2-Tetrachloroethane	**0.0484**	**0.0513**	0.0500	0.0500	97	103	80-120	6	15	
Ethylbenzene	**0.0504**	**0.0541**	0.0500	0.0500	101	108	80-120	7	15	
m,p-Xylene	**0.0999**	**0.106**	0.100	0.100	100	106	80-120	6	15	
o-Xylene	**0.0503**	**0.0539**	0.0500	0.0500	101	108	80-120	7	15	
Styrene	**0.0513**	**0.0543**	0.0500	0.0500	103	109	80-122	6	15	
Bromoform	**0.0521**	**0.0542**	0.0500	0.0500	104	108	78-126	4	15	
Isopropylbenzene	**0.0517**	**0.0546**	0.0500	0.0500	103	109	80-125	5	15	
Bromobenzene	**0.0460**	**0.0521**	0.0500	0.0500	92	104	79-124	12	15	
1,1,2,2-Tetrachloroethane	**0.0472**	**0.0500**	0.0500	0.0500	94	100	75-122	6	17	
1,2,3-Trichloropropane	**0.0448**	**0.0490**	0.0500	0.0500	90	98	72-125	9	20	
n-Propylbenzene	**0.0479**	**0.0528**	0.0500	0.0500	96	106	77-126	10	16	
2-Chlorotoluene	**0.0503**	**0.0553**	0.0500	0.0500	101	111	75-128	9	15	
4-Chlorotoluene	**0.0491**	**0.0536**	0.0500	0.0500	98	107	78-127	9	16	
1,3,5-Trimethylbenzene	**0.0483**	**0.0538**	0.0500	0.0500	97	108	77-128	11	15	
tert-Butylbenzene	**0.0484**	**0.0535**	0.0500	0.0500	97	107	73-130	10	20	
1,2,4-Trimethylbenzene	**0.0492**	**0.0540**	0.0500	0.0500	98	108	77-125	9	16	
sec-Butylbenzene	**0.0465**	**0.0518**	0.0500	0.0500	93	104	75-130	11	17	
1,3-Dichlorobenzene	**0.0495**	**0.0549**	0.0500	0.0500	99	110	78-123	10	17	
p-Isopropyltoluene	**0.0502**	**0.0547**	0.0500	0.0500	100	109	75-130	9	18	
1,4-Dichlorobenzene	**0.0490**	**0.0545**	0.0500	0.0500	98	109	77-121	11	17	
1,2-Dichlorobenzene	**0.0493**	**0.0531**	0.0500	0.0500	99	106	80-120	7	15	
n-Butylbenzene	**0.0512**	**0.0578**	0.0500	0.0500	102	116	76-131	12	20	
1,2-Dibromo-3-chloropropane	**0.0528**	**0.0578**	0.0500	0.0500	106	116	61-137	9	28	
1,2,4-Trichlorobenzene	**0.0580**	**0.0631**	0.0500	0.0500	116	126	77-127	8	17	
Hexachlorobutadiene	**0.0501**	**0.0569**	0.0500	0.0500	100	114	77-125	13	22	
Naphthalene	**0.0512**	**0.0567**	0.0500	0.0500	102	113	68-129	10	19	
1,2,3-Trichlorobenzene	**0.0533**	**0.0589**	0.0500	0.0500	107	118	77-124	10	19	
Surrogate:										
Dibromofluoromethane					*93*	*95*	*75-130*			
Toluene-d8					*102*	*101*	*78-128*			
4-Bromofluorobenzene					*109*	*109*	*71-130*			

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Laboratory Reference: 2308-303
Project: WO-01-Fill Source Material

SEMIVOLATILE ORGANICS EPA 8270E/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-082523-01**					
Laboratory ID:	08-303-01					
n-Nitrosodimethylamine	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
Pyridine	**ND**	0.21	EPA 8270E	8-28-23	8-29-23	
Phenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
Aniline	**ND**	0.10	EPA 8270E	8-28-23	8-29-23	
bis(2-Chloroethyl)ether	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
2-Chlorophenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
1,3-Dichlorobenzene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
1,4-Dichlorobenzene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Benzyl alcohol	**ND**	0.041	EPA 8270E	8-28-23	8-29-23	
1,2-Dichlorobenzene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
2-Methylphenol (o-Cresol)	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
bis(2-Chloroisopropyl)ether	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
n-Nitroso-di-n-propylamine	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Hexachloroethane	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Nitrobenzene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Isophorone	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
2-Nitrophenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
2,4-Dimethylphenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
bis(2-Chloroethoxy)methane	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
2,4-Dichlorophenol	**ND**	0.041	EPA 8270E	8-28-23	8-29-23	
1,2,4-Trichlorobenzene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Naphthalene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
4-Chloroaniline	**ND**	0.10	EPA 8270E	8-28-23	8-29-23	
Hexachlorobutadiene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
4-Chloro-3-methylphenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
2-Methylnaphthalene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
1-Methylnaphthalene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
Hexachlorocyclopentadiene	**ND**	0.027	EPA 8270E	8-28-23	8-29-23	
2,4,6-Trichlorophenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
2,3-Dichloroaniline	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
2,4,5-Trichlorophenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
2-Chloronaphthalene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
2-Nitroaniline	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
1,4-Dinitrobenzene	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
Dimethylphthalate	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
1,3-Dinitrobenzene	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
2,6-Dinitrotoluene	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
1,2-Dinitrobenzene	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
Acenaphthylene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
3-Nitroaniline	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	

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Laboratory Reference: 2308-303
Project: WO-01-Fill Source Material

SEMIVOLATILE ORGANICS EPA 8270E/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-082523-01**					
Laboratory ID:	08-303-01					
2,4-Dinitrophenol	**ND**	0.15	EPA 8270E	8-28-23	8-29-23	
Acenaphthene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
4-Nitrophenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
2,4-Dinitrotoluene	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
Dibenzofuran	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
2,3,5,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
2,3,4,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
Diethylphthalate	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
4-Chlorophenyl-phenylether	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
4-Nitroaniline	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
Fluorene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
4,6-Dinitro-2-methylphenol	**ND**	0.10	EPA 8270E	8-28-23	8-29-23	
n-Nitrosodiphenylamine	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
1,2-Diphenylhydrazine	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
4-Bromophenyl-phenylether	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Hexachlorobenzene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Pentachlorophenol	**ND**	0.041	EPA 8270E	8-28-23	8-29-23	
Phenanthrene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
Anthracene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
Carbazole	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Di-n-butylphthalate	**ND**	0.041	EPA 8270E	8-28-23	8-29-23	
Fluoranthene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
Pyrene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
Butylbenzylphthalate	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
bis-2-Ethylhexyladipate	**ND**	0.10	EPA 8270E	8-28-23	8-29-23	
3,3'-Dichlorobenzidine	**ND**	0.10	EPA 8270E	8-28-23	8-29-23	
Benzo[a]anthracene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
Chrysene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	8-28-23	8-29-23	
Di-n-octylphthalate	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
Benzo[b]fluoranthene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
Benzo(j,k)fluoranthene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
Benzo[a]pyrene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
Dibenz[a,h]anthracene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
Benzo[g,h,i]perylene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*75*	*11 - 111*				
Phenol-d6	*78*	*26 - 117*				
Nitrobenzene-d5	*82*	*31 - 111*				
2-Fluorobiphenyl	*90*	*38 - 109*				
2,4,6-Tribromophenol	*77*	*27 - 127*				
Terphenyl-d14	*87*	*37 - 116*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 30, 2023
Samples Submitted: August 25, 2023
Laboratory Reference: 2308-303
Project: WO-01-Fill Source Material

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-082523-02**					
Laboratory ID:	08-303-02					
n-Nitrosodimethylamine	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
Pyridine	**ND**	0.21	EPA 8270E	8-28-23	8-29-23	
Phenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
Aniline	**ND**	0.10	EPA 8270E	8-28-23	8-29-23	
bis(2-Chloroethyl)ether	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
2-Chlorophenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
1,3-Dichlorobenzene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
1,4-Dichlorobenzene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Benzyl alcohol	**ND**	0.042	EPA 8270E	8-28-23	8-29-23	
1,2-Dichlorobenzene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
2-Methylphenol (o-Cresol)	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
bis(2-Chloroisopropyl)ether	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
n-Nitroso-di-n-propylamine	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Hexachloroethane	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Nitrobenzene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Isophorone	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
2-Nitrophenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
2,4-Dimethylphenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
bis(2-Chloroethoxy)methane	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
2,4-Dichlorophenol	**ND**	0.042	EPA 8270E	8-28-23	8-29-23	
1,2,4-Trichlorobenzene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Naphthalene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
4-Chloroaniline	**ND**	0.10	EPA 8270E	8-28-23	8-29-23	
Hexachlorobutadiene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
4-Chloro-3-methylphenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
2-Methylnaphthalene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
1-Methylnaphthalene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
Hexachlorocyclopentadiene	**ND**	0.027	EPA 8270E	8-28-23	8-29-23	
2,4,6-Trichlorophenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
2,3-Dichloroaniline	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
2,4,5-Trichlorophenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
2-Chloronaphthalene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
2-Nitroaniline	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
1,4-Dinitrobenzene	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
Dimethylphthalate	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
1,3-Dinitrobenzene	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
2,6-Dinitrotoluene	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
1,2-Dinitrobenzene	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
Acenaphthylene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
3-Nitroaniline	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	

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Date of Report: August 30, 2023
Samples Submitted: August 25, 2023
Laboratory Reference: 2308-303
Project: WO-01-Fill Source Material

SEMIVOLATILE ORGANICS EPA 8270E/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-082523-02**					
Laboratory ID:	08-303-02					
2,4-Dinitrophenol	**ND**	0.15	EPA 8270E	8-28-23	8-29-23	
Acenaphthene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
4-Nitrophenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
2,4-Dinitrotoluene	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
Dibenzofuran	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
2,3,5,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
2,3,4,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
Diethylphthalate	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
4-Chlorophenyl-phenylether	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
4-Nitroaniline	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
Fluorene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
4,6-Dinitro-2-methylphenol	**ND**	0.10	EPA 8270E	8-28-23	8-29-23	
n-Nitrosodiphenylamine	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
1,2-Diphenylhydrazine	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
4-Bromophenyl-phenylether	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Hexachlorobenzene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Pentachlorophenol	**ND**	0.042	EPA 8270E	8-28-23	8-29-23	
Phenanthrene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
Anthracene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
Carbazole	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Di-n-butylphthalate	**ND**	0.042	EPA 8270E	8-28-23	8-29-23	
Fluoranthene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
Pyrene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
Butylbenzylphthalate	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
bis-2-Ethylhexyladipate	**ND**	0.10	EPA 8270E	8-28-23	8-29-23	
3,3'-Dichlorobenzidine	**ND**	0.10	EPA 8270E	8-28-23	8-29-23	
Benzo[a]anthracene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
Chrysene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	8-28-23	8-29-23	
Di-n-octylphthalate	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
Benzo[b]fluoranthene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
Benzo(j,k)fluoranthene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
Benzo[a]pyrene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
Dibenz[a,h]anthracene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
Benzo[g,h,i]perylene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*81*	*11 - 111*				
Phenol-d6	*80*	*26 - 117*				
Nitrobenzene-d5	*77*	*31 - 111*				
2-Fluorobiphenyl	*87*	*38 - 109*				
2,4,6-Tribromophenol	*80*	*27 - 127*				
Terphenyl-d14	*91*	*37 - 116*				

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Date of Report: August 30, 2023
Samples Submitted: August 25, 2023
Laboratory Reference: 2308-303
Project: WO-01-Fill Source Material

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-082523-03**					
Laboratory ID:	08-303-03					
n-Nitrosodimethylamine	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
Pyridine	**ND**	0.21	EPA 8270E	8-28-23	8-29-23	
Phenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
Aniline	**ND**	0.10	EPA 8270E	8-28-23	8-29-23	
bis(2-Chloroethyl)ether	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
2-Chlorophenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
1,3-Dichlorobenzene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
1,4-Dichlorobenzene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Benzyl alcohol	**ND**	0.042	EPA 8270E	8-28-23	8-29-23	
1,2-Dichlorobenzene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
2-Methylphenol (o-Cresol)	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
bis(2-Chloroisopropyl)ether	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
n-Nitroso-di-n-propylamine	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Hexachloroethane	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Nitrobenzene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Isophorone	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
2-Nitrophenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
2,4-Dimethylphenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
bis(2-Chloroethoxy)methane	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
2,4-Dichlorophenol	**ND**	0.042	EPA 8270E	8-28-23	8-29-23	
1,2,4-Trichlorobenzene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Naphthalene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
4-Chloroaniline	**ND**	0.10	EPA 8270E	8-28-23	8-29-23	
Hexachlorobutadiene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
4-Chloro-3-methylphenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
2-Methylnaphthalene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
1-Methylnaphthalene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
Hexachlorocyclopentadiene	**ND**	0.027	EPA 8270E	8-28-23	8-29-23	
2,4,6-Trichlorophenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
2,3-Dichloroaniline	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
2,4,5-Trichlorophenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
2-Chloronaphthalene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
2-Nitroaniline	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
1,4-Dinitrobenzene	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
Dimethylphthalate	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
1,3-Dinitrobenzene	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
2,6-Dinitrotoluene	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
1,2-Dinitrobenzene	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
Acenaphthylene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
3-Nitroaniline	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	

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Date of Report: August 30, 2023
Samples Submitted: August 25, 2023
Laboratory Reference: 2308-303
Project: WO-01-Fill Source Material

SEMIVOLATILE ORGANICS EPA 8270E/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-082523-03**					
Laboratory ID:	08-303-03					
2,4-Dinitrophenol	**ND**	0.15	EPA 8270E	8-28-23	8-29-23	
Acenaphthene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
4-Nitrophenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
2,4-Dinitrotoluene	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
Dibenzofuran	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
2,3,5,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
2,3,4,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
Diethylphthalate	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
4-Chlorophenyl-phenylether	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
4-Nitroaniline	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
Fluorene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
4,6-Dinitro-2-methylphenol	**ND**	0.10	EPA 8270E	8-28-23	8-29-23	
n-Nitrosodiphenylamine	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
1,2-Diphenylhydrazine	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
4-Bromophenyl-phenylether	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Hexachlorobenzene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Pentachlorophenol	**ND**	0.042	EPA 8270E	8-28-23	8-29-23	
Phenanthrene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
Anthracene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
Carbazole	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Di-n-butylphthalate	**ND**	0.042	EPA 8270E	8-28-23	8-29-23	
Fluoranthene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
Pyrene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
Butylbenzylphthalate	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
bis-2-Ethylhexyladipate	**ND**	0.10	EPA 8270E	8-28-23	8-29-23	
3,3'-Dichlorobenzidine	**ND**	0.10	EPA 8270E	8-28-23	8-29-23	
Benzo[a]anthracene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
Chrysene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	8-28-23	8-29-23	
Di-n-octylphthalate	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
Benzo[b]fluoranthene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
Benzo(j,k)fluoranthene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
Benzo[a]pyrene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
Dibenz[a,h]anthracene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
Benzo[g,h,i]perylene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*70*	*11 - 111*				
Phenol-d6	*65*	*26 - 117*				
Nitrobenzene-d5	*68*	*31 - 111*				
2-Fluorobiphenyl	*75*	*38 - 109*				
2,4,6-Tribromophenol	*68*	*27 - 127*				
Terphenyl-d14	*75*	*37 - 116*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 30, 2023
Samples Submitted: August 25, 2023
Laboratory Reference: 2308-303
Project: WO-01-Fill Source Material

SEMIVOLATILE ORGANICS EPA 8270E/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-082523-04**					
Laboratory ID:	08-303-04					
n-Nitrosodimethylamine	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
Pyridine	**ND**	0.21	EPA 8270E	8-28-23	8-29-23	
Phenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
Aniline	**ND**	0.10	EPA 8270E	8-28-23	8-29-23	
bis(2-Chloroethyl)ether	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
2-Chlorophenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
1,3-Dichlorobenzene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
1,4-Dichlorobenzene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Benzyl alcohol	**ND**	0.041	EPA 8270E	8-28-23	8-29-23	
1,2-Dichlorobenzene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
2-Methylphenol (o-Cresol)	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
bis(2-Chloroisopropyl)ether	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
n-Nitroso-di-n-propylamine	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Hexachloroethane	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Nitrobenzene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Isophorone	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
2-Nitrophenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
2,4-Dimethylphenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
bis(2-Chloroethoxy)methane	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
2,4-Dichlorophenol	**ND**	0.041	EPA 8270E	8-28-23	8-29-23	
1,2,4-Trichlorobenzene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Naphthalene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
4-Chloroaniline	**ND**	0.10	EPA 8270E	8-28-23	8-29-23	
Hexachlorobutadiene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
4-Chloro-3-methylphenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
2-Methylnaphthalene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
1-Methylnaphthalene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
Hexachlorocyclopentadiene	**ND**	0.027	EPA 8270E	8-28-23	8-29-23	
2,4,6-Trichlorophenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
2,3-Dichloroaniline	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
2,4,5-Trichlorophenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
2-Chloronaphthalene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
2-Nitroaniline	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
1,4-Dinitrobenzene	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
Dimethylphthalate	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
1,3-Dinitrobenzene	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
2,6-Dinitrotoluene	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
1,2-Dinitrobenzene	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
Acenaphthylene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
3-Nitroaniline	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 30, 2023
Samples Submitted: August 25, 2023
Laboratory Reference: 2308-303
Project: WO-01-Fill Source Material

SEMIVOLATILE ORGANICS EPA 8270E/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-082523-04**					
Laboratory ID:	08-303-04					
2,4-Dinitrophenol	**ND**	0.15	EPA 8270E	8-28-23	8-29-23	
Acenaphthene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
4-Nitrophenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
2,4-Dinitrotoluene	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
Dibenzofuran	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
2,3,5,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
2,3,4,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
Diethylphthalate	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
4-Chlorophenyl-phenylether	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
4-Nitroaniline	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
Fluorene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
4,6-Dinitro-2-methylphenol	**ND**	0.10	EPA 8270E	8-28-23	8-29-23	
n-Nitrosodiphenylamine	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
1,2-Diphenylhydrazine	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
4-Bromophenyl-phenylether	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Hexachlorobenzene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Pentachlorophenol	**ND**	0.041	EPA 8270E	8-28-23	8-29-23	
Phenanthrene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
Anthracene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
Carbazole	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Di-n-butylphthalate	**ND**	0.041	EPA 8270E	8-28-23	8-29-23	
Fluoranthene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
Pyrene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
Butylbenzylphthalate	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
bis-2-Ethylhexyladipate	**ND**	0.10	EPA 8270E	8-28-23	8-29-23	
3,3'-Dichlorobenzidine	**ND**	0.10	EPA 8270E	8-28-23	8-29-23	
Benzo[a]anthracene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
Chrysene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	8-28-23	8-29-23	
Di-n-octylphthalate	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
Benzo[b]fluoranthene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
Benzo(j,k)fluoranthene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
Benzo[a]pyrene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
Dibenz[a,h]anthracene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
Benzo[g,h,i]perylene	**ND**	0.0016	EPA 8270E/SIM	8-28-23	8-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*67*	*11 - 111*				
Phenol-d6	*70*	*26 - 117*				
Nitrobenzene-d5	*68*	*31 - 111*				
2-Fluorobiphenyl	*83*	*38 - 109*				
2,4,6-Tribromophenol	*82*	*27 - 127*				
Terphenyl-d14	*91*	*37 - 116*				

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Date of Report: August 30, 2023
Samples Submitted: August 25, 2023
Laboratory Reference: 2308-303
Project: WO-01-Fill Source Material

SEMIVOLATILE ORGANICS EPA 8270E/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-082523-05**					
Laboratory ID:	08-303-05					
n-Nitrosodimethylamine	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
Pyridine	**ND**	0.21	EPA 8270E	8-28-23	8-29-23	
Phenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
Aniline	**ND**	0.10	EPA 8270E	8-28-23	8-29-23	
bis(2-Chloroethyl)ether	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
2-Chlorophenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
1,3-Dichlorobenzene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
1,4-Dichlorobenzene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Benzyl alcohol	**ND**	0.041	EPA 8270E	8-28-23	8-29-23	
1,2-Dichlorobenzene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
2-Methylphenol (o-Cresol)	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
bis(2-Chloroisopropyl)ether	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
n-Nitroso-di-n-propylamine	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Hexachloroethane	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Nitrobenzene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Isophorone	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
2-Nitrophenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
2,4-Dimethylphenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
bis(2-Chloroethoxy)methane	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
2,4-Dichlorophenol	**ND**	0.041	EPA 8270E	8-28-23	8-29-23	
1,2,4-Trichlorobenzene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Naphthalene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
4-Chloroaniline	**ND**	0.10	EPA 8270E	8-28-23	8-29-23	
Hexachlorobutadiene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
4-Chloro-3-methylphenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
2-Methylnaphthalene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
1-Methylnaphthalene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
Hexachlorocyclopentadiene	**ND**	0.027	EPA 8270E	8-28-23	8-29-23	
2,4,6-Trichlorophenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
2,3-Dichloroaniline	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
2,4,5-Trichlorophenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
2-Chloronaphthalene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
2-Nitroaniline	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
1,4-Dinitrobenzene	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
Dimethylphthalate	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
1,3-Dinitrobenzene	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
2,6-Dinitrotoluene	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
1,2-Dinitrobenzene	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
Acenaphthylene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
3-Nitroaniline	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	

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Date of Report: August 30, 2023
Samples Submitted: August 25, 2023
Laboratory Reference: 2308-303
Project: WO-01-Fill Source Material

SEMIVOLATILE ORGANICS EPA 8270E/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-082523-05**					
Laboratory ID:	08-303-05					
2,4-Dinitrophenol	**ND**	0.15	EPA 8270E	8-28-23	8-29-23	
Acenaphthene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
4-Nitrophenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
2,4-Dinitrotoluene	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
Dibenzofuran	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
2,3,5,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
2,3,4,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
Diethylphthalate	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
4-Chlorophenyl-phenylether	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
4-Nitroaniline	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
Fluorene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
4,6-Dinitro-2-methylphenol	**ND**	0.10	EPA 8270E	8-28-23	8-29-23	
n-Nitrosodiphenylamine	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
1,2-Diphenylhydrazine	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
4-Bromophenyl-phenylether	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Hexachlorobenzene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Pentachlorophenol	**ND**	0.041	EPA 8270E	8-28-23	8-29-23	
Phenanthrene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
Anthracene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
Carbazole	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Di-n-butylphthalate	**ND**	0.041	EPA 8270E	8-28-23	8-29-23	
Fluoranthene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
Pyrene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
Butylbenzylphthalate	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
bis-2-Ethylhexyladipate	**ND**	0.10	EPA 8270E	8-28-23	8-29-23	
3,3'-Dichlorobenzidine	**ND**	0.10	EPA 8270E	8-28-23	8-29-23	
Benzo[a]anthracene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
Chrysene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	8-28-23	8-29-23	
Di-n-octylphthalate	**ND**	0.021	EPA 8270E	8-28-23	8-29-23	
Benzo[b]fluoranthene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
Benzo(j,k)fluoranthene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
Benzo[a]pyrene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
Dibenz[a,h]anthracene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
Benzo[g,h,i]perylene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*39*	*11 - 111*				
Phenol-d6	*46*	*26 - 117*				
Nitrobenzene-d5	*44*	*31 - 111*				
2-Fluorobiphenyl	*59*	*38 - 109*				
2,4,6-Tribromophenol	*67*	*27 - 127*				
Terphenyl-d14	*85*	*37 - 116*				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: August 30, 2023
Samples Submitted: August 25, 2023
Laboratory Reference: 2308-303
Project: WO-01-Fill Source Material

SEMIVOLATILE ORGANICS EPA 8270E/SIM
QUALITY CONTROL
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0828S1					
n-Nitrosodimethylamine	**ND**	0.020	EPA 8270E	8-28-23	8-29-23	
Pyridine	**ND**	0.20	EPA 8270E	8-28-23	8-29-23	
Phenol	**ND**	0.020	EPA 8270E	8-28-23	8-29-23	
Aniline	**ND**	0.10	EPA 8270E	8-28-23	8-29-23	
bis(2-Chloroethyl)ether	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
2-Chlorophenol	**ND**	0.020	EPA 8270E	8-28-23	8-29-23	
1,3-Dichlorobenzene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
1,4-Dichlorobenzene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Benzyl alcohol	**ND**	0.040	EPA 8270E	8-28-23	8-29-23	
1,2-Dichlorobenzene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
2-Methylphenol (o-Cresol)	**ND**	0.020	EPA 8270E	8-28-23	8-29-23	
bis(2-Chloroisopropyl)ether	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.020	EPA 8270E	8-28-23	8-29-23	
n-Nitroso-di-n-propylamine	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Hexachloroethane	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Nitrobenzene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Isophorone	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
2-Nitrophenol	**ND**	0.020	EPA 8270E	8-28-23	8-29-23	
2,4-Dimethylphenol	**ND**	0.020	EPA 8270E	8-28-23	8-29-23	
bis(2-Chloroethoxy)methane	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
2,4-Dichlorophenol	**ND**	0.040	EPA 8270E	8-28-23	8-29-23	
1,2,4-Trichlorobenzene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Naphthalene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
4-Chloroaniline	**ND**	0.10	EPA 8270E	8-28-23	8-29-23	
Hexachlorobutadiene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
4-Chloro-3-methylphenol	**ND**	0.020	EPA 8270E	8-28-23	8-29-23	
2-Methylnaphthalene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
1-Methylnaphthalene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
Hexachlorocyclopentadiene	**ND**	0.026	EPA 8270E	8-28-23	8-29-23	
2,4,6-Trichlorophenol	**ND**	0.020	EPA 8270E	8-28-23	8-29-23	
2,3-Dichloroaniline	**ND**	0.020	EPA 8270E	8-28-23	8-29-23	
2,4,5-Trichlorophenol	**ND**	0.020	EPA 8270E	8-28-23	8-29-23	
2-Chloronaphthalene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
2-Nitroaniline	**ND**	0.020	EPA 8270E	8-28-23	8-29-23	
1,4-Dinitrobenzene	**ND**	0.020	EPA 8270E	8-28-23	8-29-23	
Dimethylphthalate	**ND**	0.020	EPA 8270E	8-28-23	8-29-23	
1,3-Dinitrobenzene	**ND**	0.020	EPA 8270E	8-28-23	8-29-23	
2,6-Dinitrotoluene	**ND**	0.020	EPA 8270E	8-28-23	8-29-23	
1,2-Dinitrobenzene	**ND**	0.020	EPA 8270E	8-28-23	8-29-23	
Acenaphthylene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
3-Nitroaniline	**ND**	0.020	EPA 8270E	8-28-23	8-29-23	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: August 30, 2023
Samples Submitted: August 25, 2023
Laboratory Reference: 2308-303
Project: WO-01-Fill Source Material

SEMIVOLATILE ORGANICS EPA 8270E/SIM
QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0828S1					
2,4-Dinitrophenol	**ND**	0.14	EPA 8270E	8-28-23	8-29-23	
Acenaphthene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
4-Nitrophenol	**ND**	0.020	EPA 8270E	8-28-23	8-29-23	
2,4-Dinitrotoluene	**ND**	0.020	EPA 8270E	8-28-23	8-29-23	
Dibenzofuran	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
2,3,5,6-Tetrachlorophenol	**ND**	0.020	EPA 8270E	8-28-23	8-29-23	
2,3,4,6-Tetrachlorophenol	**ND**	0.020	EPA 8270E	8-28-23	8-29-23	
Diethylphthalate	**ND**	0.020	EPA 8270E	8-28-23	8-29-23	
4-Chlorophenyl-phenylether	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
4-Nitroaniline	**ND**	0.020	EPA 8270E	8-28-23	8-29-23	
Fluorene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
4,6-Dinitro-2-methylphenol	**ND**	0.10	EPA 8270E	8-28-23	8-29-23	
n-Nitrosodiphenylamine	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
1,2-Diphenylhydrazine	**ND**	0.020	EPA 8270E	8-28-23	8-29-23	
4-Bromophenyl-phenylether	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Hexachlorobenzene	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Pentachlorophenol	**ND**	0.040	EPA 8270E	8-28-23	8-29-23	
Phenanthrene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
Anthracene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
Carbazole	**ND**	0.010	EPA 8270E	8-28-23	8-29-23	
Di-n-butylphthalate	**ND**	0.040	EPA 8270E	8-28-23	8-29-23	
Fluoranthene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
Pyrene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
Butylbenzylphthalate	**ND**	0.020	EPA 8270E	8-28-23	8-29-23	
bis-2-Ethylhexyladipate	**ND**	0.10	EPA 8270E	8-28-23	8-29-23	
3,3'-Dichlorobenzidine	**ND**	0.10	EPA 8270E	8-28-23	8-29-23	
Benzo[a]anthracene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
Chrysene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	8-28-23	8-29-23	
Di-n-octylphthalate	**ND**	0.020	EPA 8270E	8-28-23	8-29-23	
Benzo[b]fluoranthene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
Benzo(j,k)fluoranthene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
Benzo[a]pyrene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
Dibenz[a,h]anthracene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
Benzo[g,h,i]perylene	**ND**	0.0015	EPA 8270E/SIM	8-28-23	8-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*80*	*11 - 111*				
Phenol-d6	*82*	*26 - 117*				
Nitrobenzene-d5	*84*	*31 - 111*				
2-Fluorobiphenyl	*99*	*38 - 109*				
2,4,6-Tribromophenol	*83*	*27 - 127*				
Terphenyl-d14	*93*	*37 - 116*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 30, 2023
Samples Submitted: August 25, 2023
Laboratory Reference: 2308-303
Project: WO-01-Fill Source Material

SEMIVOLATILE ORGANICS EPA 8270E/SIM
QUALITY CONTROL
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0828S1									
	SB	SBD	SB	SBD	SB	SBD				
n-Nitrosodimethylamine	**0.447**	**0.520**	0.667	0.667	67	78	20 - 120	15	30	
Pyridine	**0.186**	**0.220**	0.667	0.667	28	33	20 - 120	17	30	
Phenol	**0.456**	**0.505**	0.667	0.667	68	76	49 - 109	10	23	
Aniline	**0.434**	**0.519**	0.667	0.667	65	78	20 - 120	18	30	
bis(2-Chloroethyl)ether	**0.480**	**0.540**	0.667	0.667	72	81	20 - 120	12	30	
2-Chlorophenol	**0.502**	**0.565**	0.667	0.667	75	85	52 - 105	12	26	
1,3-Dichlorobenzene	**0.505**	**0.545**	0.667	0.667	76	82	20 - 120	8	30	
1,4-Dichlorobenzene	**0.515**	**0.571**	0.667	0.667	77	86	51 - 102	10	28	
Benzyl alcohol	**0.512**	**0.592**	0.667	0.667	77	89	20 - 120	14	30	
1,2-Dichlorobenzene	**0.524**	**0.580**	0.667	0.667	79	87	20 - 120	10	30	
2-Methylphenol (o-Cresol)	**0.498**	**0.529**	0.667	0.667	75	79	20 - 120	6	30	
bis(2-Chloroisopropyl)ether	**0.467**	**0.511**	0.667	0.667	70	77	20 - 120	9	30	
(3+4)-Methylphenol (m,p-Cresol)	**0.502**	**0.540**	0.667	0.667	75	81	20 - 120	7	30	
n-Nitroso-di-n-propylamine	**0.495**	**0.566**	0.667	0.667	74	85	46 - 111	13	25	
Hexachloroethane	**0.474**	**0.552**	0.667	0.667	71	83	20 - 120	15	30	
Nitrobenzene	**0.486**	**0.588**	0.667	0.667	73	88	20 - 120	19	30	
Isophorone	**0.478**	**0.577**	0.667	0.667	72	87	20 - 120	19	30	
2-Nitrophenol	**0.503**	**0.596**	0.667	0.667	75	89	20 - 120	17	30	
2,4-Dimethylphenol	**0.576**	**0.677**	0.667	0.667	86	101	20 - 120	16	30	
bis(2-Chloroethoxy)methane	**0.495**	**0.544**	0.667	0.667	74	82	20 - 120	9	30	
2,4-Dichlorophenol	**0.494**	**0.580**	0.667	0.667	74	87	20 - 120	16	30	
1,2,4-Trichlorobenzene	**0.516**	**0.625**	0.667	0.667	77	94	52 - 106	19	28	
Naphthalene	**0.499**	**0.616**	0.667	0.667	75	92	20 - 120	21	30	
4-Chloroaniline	**0.455**	**0.597**	0.667	0.667	68	90	20 - 120	27	30	
Hexachlorobutadiene	**0.520**	**0.633**	0.667	0.667	78	95	20 - 120	20	30	
4-Chloro-3-methylphenol	**0.489**	**0.602**	0.667	0.667	73	90	54 - 112	21	20	L
2-Methylnaphthalene	**0.527**	**0.623**	0.667	0.667	79	93	20 - 120	17	30	
1-Methylnaphthalene	**0.497**	**0.614**	0.667	0.667	75	92	20 - 120	21	30	
Hexachlorocyclopentadiene	**0.455**	**0.473**	0.667	0.667	68	71	20 - 120	4	30	
2,4,6-Trichlorophenol	**0.528**	**0.542**	0.667	0.667	79	81	20 - 120	3	30	
2,3-Dichloroaniline	**0.486**	**0.530**	0.667	0.667	73	79	20 - 120	9	30	
2,4,5-Trichlorophenol	**0.468**	**0.500**	0.667	0.667	70	75	20 - 120	7	30	
2-Chloronaphthalene	**0.551**	**0.558**	0.667	0.667	83	84	20 - 120	1	30	
2-Nitroaniline	**0.520**	**0.577**	0.667	0.667	78	87	20 - 120	10	30	
1,4-Dinitrobenzene	**0.598**	**0.653**	0.667	0.667	90	98	20 - 120	9	30	
Dimethylphthalate	**0.556**	**0.604**	0.667	0.667	83	91	20 - 120	8	30	
1,3-Dinitrobenzene	**0.563**	**0.614**	0.667	0.667	84	92	20 - 120	9	30	
2,6-Dinitrotoluene	**0.560**	**0.632**	0.667	0.667	84	95	20 - 120	12	30	
1,2-Dinitrobenzene	**0.550**	**0.631**	0.667	0.667	82	95	20 - 120	14	30	
Acenaphthylene	**0.557**	**0.604**	0.667	0.667	84	91	20 - 120	8	30	
3-Nitroaniline	**0.561**	**0.601**	0.667	0.667	84	90	20 - 120	7	30	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 30, 2023
Samples Submitted: August 25, 2023
Laboratory Reference: 2308-303
Project: WO-01-Fill Source Material

SEMIVOLATILE ORGANICS EPA 8270E/SIM
QUALITY CONTROL
page 2 of 2

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0828S1									
	SB	SBD	SB	SBD	SB	SBD				
2,4-Dinitrophenol	**0.313**	**0.241**	0.667	0.667	47	36	20 - 120	26	30	
Acenaphthene	**0.543**	**0.566**	0.667	0.667	81	85	55 - 101	4	20	
4-Nitrophenol	**0.348**	**0.354**	0.667	0.667	52	53	34 - 136	2	22	
2,4-Dinitrotoluene	**0.523**	**0.618**	0.667	0.667	78	93	51 - 111	17	21	
Dibenzofuran	**0.537**	**0.601**	0.667	0.667	81	90	20 - 120	11	30	
2,3,5,6-Tetrachlorophenol	**0.393**	**0.423**	0.667	0.667	59	63	20 - 120	7	30	
2,3,4,6-Tetrachlorophenol	**0.472**	**0.499**	0.667	0.667	71	75	20 - 120	6	30	
Diethylphthalate	**0.580**	**0.629**	0.667	0.667	87	94	20 - 120	8	30	
4-Chlorophenyl-phenylether	**0.544**	**0.585**	0.667	0.667	82	88	20 - 120	7	30	
4-Nitroaniline	**0.517**	**0.596**	0.667	0.667	78	89	20 - 120	14	30	
Fluorene	**0.559**	**0.607**	0.667	0.667	84	91	20 - 120	8	30	
4,6-Dinitro-2-methylphenol	**0.473**	**0.457**	0.667	0.667	71	69	20 - 120	3	30	
n-Nitrosodiphenylamine	**0.551**	**0.627**	0.667	0.667	83	94	20 - 120	13	30	
1,2-Diphenylhydrazine	**0.545**	**0.593**	0.667	0.667	82	89	20 - 120	8	30	
4-Bromophenyl-phenylether	**0.559**	**0.641**	0.667	0.667	84	96	20 - 120	14	30	
Hexachlorobenzene	**0.556**	**0.609**	0.667	0.667	83	91	20 - 120	9	30	
Pentachlorophenol	**0.372**	**0.364**	0.667	0.667	56	55	34 - 134	2	23	
Phenanthrene	**0.565**	**0.634**	0.667	0.667	85	95	20 - 120	12	30	
Anthracene	**0.581**	**0.616**	0.667	0.667	87	92	20 - 120	6	30	
Carbazole	**0.531**	**0.580**	0.667	0.667	80	87	20 - 120	9	30	
Di-n-butylphthalate	**0.556**	**0.604**	0.667	0.667	83	91	20 - 120	8	30	
Fluoranthene	**0.572**	**0.637**	0.667	0.667	86	96	20 - 120	11	30	
Pyrene	**0.560**	**0.606**	0.667	0.667	84	91	53 - 113	8	20	
Butylbenzylphthalate	**0.566**	**0.601**	0.667	0.667	85	90	20 - 120	6	30	
bis-2-Ethylhexyladipate	**0.517**	**0.570**	0.667	0.667	78	85	20 - 120	10	30	
3,3'-Dichlorobenzidine	**0.481**	**0.535**	0.667	0.667	72	80	20 - 120	11	30	
Benzo[a]anthracene	**0.552**	**0.587**	0.667	0.667	83	88	20 - 120	6	30	
Chrysene	**0.540**	**0.588**	0.667	0.667	81	88	20 - 120	9	30	
bis(2-Ethylhexyl)phthalate	**0.543**	**0.566**	0.667	0.667	81	85	20 - 120	4	30	
Di-n-octylphthalate	**0.553**	**0.602**	0.667	0.667	83	90	20 - 120	8	30	
Benzo[b]fluoranthene	**0.533**	**0.621**	0.667	0.667	80	93	20 - 120	15	30	
Benzo(j,k)fluoranthene	**0.553**	**0.642**	0.667	0.667	83	96	20 - 120	15	30	
Benzo[a]pyrene	**0.551**	**0.645**	0.667	0.667	83	97	20 - 120	16	30	
Indeno[1,2,3-cd]pyrene	**0.554**	**0.598**	0.667	0.667	83	90	20 - 120	8	30	
Dibenz[a,h]anthracene	**0.542**	**0.608**	0.667	0.667	81	91	20 - 120	11	30	
Benzo[g,h,i]perylene	**0.519**	**0.610**	0.667	0.667	78	91	20 - 120	16	30	
Surrogate:										
2-Fluorophenol					*70*	*76*	*11 - 111*			
Phenol-d6					*74*	*78*	*26 - 117*			
Nitrobenzene-d5					*72*	*86*	*31 - 111*			
2-Fluorobiphenyl					*87*	*83*	*38 - 109*			
2,4,6-Tribromophenol					*79*	*84*	*27 - 127*			
Terphenyl-d14					*86*	*89*	*37 - 116*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 30, 2023
Samples Submitted: August 25, 2023
Laboratory Reference: 2308-303
Project: WO-01-Fill Source Material

PCBs EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-082523-01**					
Laboratory ID:	08-303-01					
Aroclor 1016	**ND**	0.0041	EPA 8082A	8-29-23	8-29-23	
Aroclor 1221	**ND**	0.0041	EPA 8082A	8-29-23	8-29-23	
Aroclor 1232	**ND**	0.0041	EPA 8082A	8-29-23	8-29-23	
Aroclor 1242	**ND**	0.0041	EPA 8082A	8-29-23	8-29-23	
Aroclor 1248	**ND**	0.0041	EPA 8082A	8-29-23	8-29-23	
Aroclor 1254	**ND**	0.0041	EPA 8082A	8-29-23	8-29-23	
Aroclor 1260	**ND**	0.0041	EPA 8082A	8-29-23	8-29-23	
Aroclor 1262	**ND**	0.0041	EPA 8082A	8-29-23	8-29-23	
Aroclor 1268	**ND**	0.0041	EPA 8082A	8-29-23	8-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*98*	*50-127*				
Client ID:	**FS-082523-02**					
Laboratory ID:	08-303-02					
Aroclor 1016	**ND**	0.0042	EPA 8082A	8-29-23	8-29-23	
Aroclor 1221	**ND**	0.0042	EPA 8082A	8-29-23	8-29-23	
Aroclor 1232	**ND**	0.0042	EPA 8082A	8-29-23	8-29-23	
Aroclor 1242	**ND**	0.0042	EPA 8082A	8-29-23	8-29-23	
Aroclor 1248	**ND**	0.0042	EPA 8082A	8-29-23	8-29-23	
Aroclor 1254	**ND**	0.0042	EPA 8082A	8-29-23	8-29-23	
Aroclor 1260	**ND**	0.0042	EPA 8082A	8-29-23	8-29-23	
Aroclor 1262	**ND**	0.0042	EPA 8082A	8-29-23	8-29-23	
Aroclor 1268	**ND**	0.0042	EPA 8082A	8-29-23	8-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*99*	*50-127*				
Client ID:	**FS-082523-03**					
Laboratory ID:	08-303-03					
Aroclor 1016	**ND**	0.0042	EPA 8082A	8-29-23	8-29-23	
Aroclor 1221	**ND**	0.0042	EPA 8082A	8-29-23	8-29-23	
Aroclor 1232	**ND**	0.0042	EPA 8082A	8-29-23	8-29-23	
Aroclor 1242	**ND**	0.0042	EPA 8082A	8-29-23	8-29-23	
Aroclor 1248	**ND**	0.0042	EPA 8082A	8-29-23	8-29-23	
Aroclor 1254	**ND**	0.0042	EPA 8082A	8-29-23	8-29-23	
Aroclor 1260	**ND**	0.0042	EPA 8082A	8-29-23	8-29-23	
Aroclor 1262	**ND**	0.0042	EPA 8082A	8-29-23	8-29-23	
Aroclor 1268	**ND**	0.0042	EPA 8082A	8-29-23	8-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*110*	*50-127*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 30, 2023
Samples Submitted: August 25, 2023
Laboratory Reference: 2308-303
Project: WO-01-Fill Source Material

PCBs EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-082523-04**					
Laboratory ID:	08-303-04					
Aroclor 1016	**ND**	0.0041	EPA 8082A	8-29-23	8-29-23	
Aroclor 1221	**ND**	0.0041	EPA 8082A	8-29-23	8-29-23	
Aroclor 1232	**ND**	0.0041	EPA 8082A	8-29-23	8-29-23	
Aroclor 1242	**ND**	0.0041	EPA 8082A	8-29-23	8-29-23	
Aroclor 1248	**ND**	0.0041	EPA 8082A	8-29-23	8-29-23	
Aroclor 1254	**ND**	0.0041	EPA 8082A	8-29-23	8-29-23	
Aroclor 1260	**ND**	0.0041	EPA 8082A	8-29-23	8-29-23	
Aroclor 1262	**ND**	0.0041	EPA 8082A	8-29-23	8-29-23	
Aroclor 1268	**ND**	0.0041	EPA 8082A	8-29-23	8-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*97*	*50-127*				
Client ID:	**FS-082523-05**					
Laboratory ID:	08-303-05					
Aroclor 1016	**ND**	0.0041	EPA 8082A	8-29-23	8-29-23	
Aroclor 1221	**ND**	0.0041	EPA 8082A	8-29-23	8-29-23	
Aroclor 1232	**ND**	0.0041	EPA 8082A	8-29-23	8-29-23	
Aroclor 1242	**ND**	0.0041	EPA 8082A	8-29-23	8-29-23	
Aroclor 1248	**ND**	0.0041	EPA 8082A	8-29-23	8-29-23	
Aroclor 1254	**ND**	0.0041	EPA 8082A	8-29-23	8-29-23	
Aroclor 1260	**ND**	0.0041	EPA 8082A	8-29-23	8-29-23	
Aroclor 1262	**ND**	0.0041	EPA 8082A	8-29-23	8-29-23	
Aroclor 1268	**ND**	0.0041	EPA 8082A	8-29-23	8-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*109*	*50-127*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 30, 2023
Samples Submitted: August 25, 2023
Laboratory Reference: 2308-303
Project: WO-01-Fill Source Material

PCBs EPA 8082A
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0829S1					
Aroclor 1016	**ND**	0.0040	EPA 8082A	8-29-23	8-29-23	
Aroclor 1221	**ND**	0.0040	EPA 8082A	8-29-23	8-29-23	
Aroclor 1232	**ND**	0.0040	EPA 8082A	8-29-23	8-29-23	
Aroclor 1242	**ND**	0.0040	EPA 8082A	8-29-23	8-29-23	
Aroclor 1248	**ND**	0.0040	EPA 8082A	8-29-23	8-29-23	
Aroclor 1254	**ND**	0.0040	EPA 8082A	8-29-23	8-29-23	
Aroclor 1260	**ND**	0.0040	EPA 8082A	8-29-23	8-29-23	
Aroclor 1262	**ND**	0.0040	EPA 8082A	8-29-23	8-29-23	
Aroclor 1268	**ND**	0.0040	EPA 8082A	8-29-23	8-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*99*	*50-127*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS											
Laboratory ID:	SB0829S1										
	SB	SBD	SB	SBD		SB	SBD				
Aroclor 1260	**0.484**	**0.431**	0.500	0.500	N/A	**97**	**86**	55-119	12	34	
Surrogate:											
DCB						*106*	*97*	*50-127*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 30, 2023
Samples Submitted: August 25, 2023
Laboratory Reference: 2308-303
Project: WO-01-Fill Source Material

TOTAL METALS
EPA 6020B/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-082523-01**					
Laboratory ID:	08-303-01					
Arsenic	**2.3**	1.0	EPA 6020B	8-29-23	8-29-23	
Cadmium	**ND**	0.052	EPA 6020B	8-29-23	8-29-23	
Chromium	**12**	0.52	EPA 6020B	8-29-23	8-29-23	
Cobalt	**4.6**	0.13	EPA 6020B	8-29-23	8-29-23	
Copper	**11**	0.52	EPA 6020B	8-29-23	8-29-23	
Lead	**1.5**	0.52	EPA 6020B	8-29-23	8-29-23	
Mercury	**ND**	0.052	EPA 7471B	8-29-23	8-29-23	
Nickel	**16**	0.52	EPA 6020B	8-29-23	8-29-23	
Selenium	**ND**	0.13	EPA 6020B	8-29-23	8-29-23	
Silver	**ND**	0.052	EPA 6020B	8-29-23	8-29-23	
Vanadium	**15**	1.0	EPA 6020B	8-29-23	8-29-23	
Zinc	**21**	1.0	EPA 6020B	8-29-23	8-29-23	
Client ID:	**FS-082523-02**					
Laboratory ID:	08-303-02					
Arsenic	**2.4**	0.52	EPA 6020B	8-29-23	8-29-23	
Cadmium	**ND**	0.052	EPA 6020B	8-29-23	8-29-23	
Chromium	**16**	0.52	EPA 6020B	8-29-23	8-29-23	
Cobalt	**5.1**	0.13	EPA 6020B	8-29-23	8-29-23	
Copper	**12**	0.52	EPA 6020B	8-29-23	8-29-23	
Lead	**1.7**	0.52	EPA 6020B	8-29-23	8-29-23	
Mercury	**ND**	0.052	EPA 7471B	8-29-23	8-29-23	
Nickel	**20**	0.52	EPA 6020B	8-29-23	8-29-23	
Selenium	**ND**	0.13	EPA 6020B	8-29-23	8-29-23	
Silver	**ND**	0.052	EPA 6020B	8-29-23	8-29-23	
Vanadium	**20**	0.52	EPA 6020B	8-29-23	8-29-23	
Zinc	**24**	0.52	EPA 6020B	8-29-23	8-29-23	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 30, 2023
Samples Submitted: August 25, 2023
Laboratory Reference: 2308-303
Project: WO-01-Fill Source Material

TOTAL METALS
EPA 6020B/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-082523-03**					
Laboratory ID:	08-303-03					
Arsenic	**2.4**	0.52	EPA 6020B	8-29-23	8-29-23	
Cadmium	**ND**	0.052	EPA 6020B	8-29-23	8-29-23	
Chromium	**15**	0.52	EPA 6020B	8-29-23	8-29-23	
Cobalt	**4.8**	0.13	EPA 6020B	8-29-23	8-29-23	
Copper	**11**	0.52	EPA 6020B	8-29-23	8-29-23	
Lead	**1.5**	0.52	EPA 6020B	8-29-23	8-29-23	
Mercury	**ND**	0.052	EPA 7471B	8-29-23	8-29-23	
Nickel	**19**	0.52	EPA 6020B	8-29-23	8-29-23	
Selenium	**ND**	0.13	EPA 6020B	8-29-23	8-29-23	
Silver	**ND**	0.052	EPA 6020B	8-29-23	8-29-23	
Vanadium	**19**	0.52	EPA 6020B	8-29-23	8-29-23	
Zinc	**23**	0.52	EPA 6020B	8-29-23	8-29-23	
Client ID:	**FS-082523-04**					
Laboratory ID:	08-303-04					
Arsenic	**2.5**	0.52	EPA 6020B	8-29-23	8-29-23	
Cadmium	**ND**	0.052	EPA 6020B	8-29-23	8-29-23	
Chromium	**20**	0.52	EPA 6020B	8-29-23	8-29-23	
Cobalt	**5.6**	0.13	EPA 6020B	8-29-23	8-29-23	
Copper	**16**	0.52	EPA 6020B	8-29-23	8-29-23	
Lead	**1.6**	0.52	EPA 6020B	8-29-23	8-29-23	
Mercury	**ND**	0.052	EPA 7471B	8-29-23	8-29-23	
Nickel	**23**	0.52	EPA 6020B	8-29-23	8-29-23	
Selenium	**ND**	0.13	EPA 6020B	8-29-23	8-29-23	
Silver	**ND**	0.052	EPA 6020B	8-29-23	8-29-23	
Vanadium	**22**	0.52	EPA 6020B	8-29-23	8-29-23	
Zinc	**26**	0.52	EPA 6020B	8-29-23	8-29-23	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 30, 2023
Samples Submitted: August 25, 2023
Laboratory Reference: 2308-303
Project: WO-01-Fill Source Material

TOTAL METALS
EPA 6020B/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-082523-05**					
Laboratory ID:	08-303-05					
Arsenic	**2.3**	0.52	EPA 6020B	8-29-23	8-29-23	
Cadmium	**ND**	0.052	EPA 6020B	8-29-23	8-29-23	
Chromium	**17**	0.52	EPA 6020B	8-29-23	8-29-23	
Cobalt	**5.3**	0.13	EPA 6020B	8-29-23	8-29-23	
Copper	**13**	0.52	EPA 6020B	8-29-23	8-29-23	
Lead	**1.6**	0.52	EPA 6020B	8-29-23	8-29-23	
Mercury	**ND**	0.052	EPA 7471B	8-29-23	8-29-23	
Nickel	**23**	0.52	EPA 6020B	8-29-23	8-29-23	
Selenium	**ND**	0.13	EPA 6020B	8-29-23	8-29-23	
Silver	**ND**	0.052	EPA 6020B	8-29-23	8-29-23	
Vanadium	**18**	0.52	EPA 6020B	8-29-23	8-29-23	
Zinc	**25**	0.52	EPA 6020B	8-29-23	8-29-23	

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Date of Report: August 30, 2023
Samples Submitted: August 25, 2023
Laboratory Reference: 2308-303
Project: WO-01-Fill Source Material

TOTAL METALS
EPA 6020B/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0829SM1					
Arsenic	**ND**	0.500	EPA 6020B	8-29-23	8-29-23	
Cadmium	**ND**	0.0500	EPA 6020B	8-29-23	8-29-23	
Chromium	**ND**	0.500	EPA 6020B	8-29-23	8-29-23	
Cobalt	**ND**	0.125	EPA 6020B	8-29-23	8-29-23	
Copper	**ND**	0.500	EPA 6020B	8-29-23	8-29-23	
Lead	**ND**	0.500	EPA 6020B	8-29-23	8-29-23	
Nickel	**ND**	0.500	EPA 6020B	8-29-23	8-29-23	
Selenium	**ND**	0.125	EPA 6020B	8-29-23	8-29-23	
Silver	**ND**	0.0500	EPA 6020B	8-29-23	8-29-23	
Vanadium	**ND**	0.500	EPA 6020B	8-29-23	8-29-23	
Zinc	**ND**	0.500	EPA 6020B	8-29-23	8-29-23	
Laboratory ID:	MB0829S1					
Mercury	**ND**	0.0500	EPA 7471B	8-29-23	8-29-23	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 30, 2023
Samples Submitted: August 25, 2023
Laboratory Reference: 2308-303
Project: WO-01-Fill Source Material

TOTAL METALS
EPA 6020B/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result		Spike Level		Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	08-303-01									
	ORIG	DUP								
Arsenic	**2.19**	**1.93**	NA	NA		NA	NA	13	20	
Cadmium	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Chromium	**12.1**	**11.9**	NA	NA		NA	NA	1	20	
Cobalt	**4.43**	**4.30**	NA	NA		NA	NA	3	20	
Copper	**11.1**	**10.6**	NA	NA		NA	NA	5	20	
Lead	**1.42**	**1.29**	NA	NA		NA	NA	9	20	
Nickel	**15.3**	**14.5**	NA	NA		NA	NA	6	20	
Selenium	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Silver	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Vanadium	**14.6**	**15.8**	NA	NA		NA	NA	8	20	
Zinc	**20.5**	**20.2**	NA	NA		NA	NA	2	20	
Laboratory ID:	08-303-02									
Mercury	**ND**	**ND**	NA	NA		NA	NA	NA	20	

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Date of Report: August 30, 2023
Samples Submitted: August 25, 2023
Laboratory Reference: 2308-303
Project: WO-01-Fill Source Material

TOTAL METALS
EPA 6020B/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	08-303-01										
	MS	MSD	MS	MSD		MS	MSD				
Arsenic	**100**	**101**	100	100	2.19	**98**	**99**	75-125	1	20	
Cadmium	**52.0**	**53.5**	50.0	50.0	ND	**104**	**107**	75-125	3	20	
Chromium	**104**	**110**	100	100	12.1	**92**	**97**	75-125	5	20	
Cobalt	**58.5**	**59.5**	50.0	50.0	4.43	**108**	**110**	75-125	2	20	
Copper	**63.0**	**65.5**	50.0	50.0	11.1	**104**	**109**	75-125	4	20	
Lead	**261**	**266**	250	250	1.42	**104**	**106**	75-125	2	20	
Nickel	**106**	**112**	100	100	15.3	**90**	**96**	75-125	6	20	
Selenium	**107**	**111**	100	100	ND	**107**	**111**	75-125	4	20	
Silver	**22.1**	**22.5**	25.0	25.0	ND	**88**	**90**	75-125	2	20	
Vanadium	**60.0**	**65.0**	50.0	50.0	14.6	**91**	**101**	75-125	8	20	
Zinc	**114**	**124**	100	100	20.5	**93**	**103**	75-125	8	20	
Laboratory ID:	08-303-02										
Mercury	**0.508**	**0.513**	0.500	0.500	0.0205	**98**	**99**	80-120	1	20	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 30, 2023
Samples Submitted: August 25, 2023
Laboratory Reference: 2308-303
Project: WO-01-Fill Source Material

% MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
FS-082523-01	08-303-01	**3**	8-28-23
FS-082523-02	08-303-02	**4**	8-28-23
FS-082523-03	08-303-03	**4**	8-28-23
FS-082523-04	08-303-04	**3**	8-28-23
FS-082523-05	08-303-05	**3**	8-28-23

This report pertains to the samples analyzed in accordance with the chain of custody,
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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: DH Environmental, Inc.

Project Number: WO-01 - Fill Source Material

Project Name: Former Jorgensen Forge Facility

Project Manager: David Hill

Sampled by: Stacy Fox, David Hill

Turnaround Request (in working days)

(Check One)

☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☐ Standard (7 Days)
☒ Best Available
(other)

Laboratory Number: 08-303

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (SG Clean-up ☐)	Volatiles 8260 8260C	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082 8082A	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664	TOTAL METALS - SEE METALS LIST IN COMMENTS				% Moisture
1	FS-082523-01	8/25/23	14:54	Soil	5			X	X	X			X		X								X				10
2	FS-082523-02	8/25/23	15:01	Soil				X	X	X			X		X								X				
3	FS-082523-03	8/25/23	15:05	Soil				X	X	X			X		X								X				
4	FS-082523-04	8/25/23	15:08	Soil				X	X	X			X		X								X				
5	FS-082523-05	8/25/23	15:10	Soil				X	X	X			X		X								X				

	Signature	Company	Date	Time
Relinquished	David Hill	DH Environmental, Inc.	8/25/23	1647
Received		OSE	8/25/23	1647
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Total Metals: arsenic (As), cadmium (Cd), chromium (Cr), copper (Cu), lead (Pb), mercury (Hg), nickel (Ni), selenium (Se), silver (Ag), vanadium (V), zinc (Zn) and cobalt (Co) by EPA Methods 200.8/6020.

Please send results to: data@dhenviro.com; davehill@dhenviro.com, nathan.moxley@dhenviro.com

Data Package: Standard ☒ Level III ☐ Level IV ☐

Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☒

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

September 6, 2023

David Hill
DH Environmental, Inc.
1011 SW Klickitat Way, Suite 107
Seattle, WA 98103

Re: Analytical Data for Project WO-01 - Import Fill Sample
Laboratory Reference No. 2309-010

Dear David:

Enclosed are the analytical results and associated quality control data for samples submitted on September 1, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-010
Project: WO-01 - Import Fill Sample

Case Narrative

Samples were collected on September 1, 2023 and received by the laboratory on September 1, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Volatiles EPA 8260D Analysis

The percent recovery for 1,1-Dichloropropene and 1,2,4-Trichlorobenzene is outside the control limits in the Spike Blank and Spike Blank Duplicate. The method allows for a percentage of the compounds to fall outside of the control limits due to the large number of analytes being spiked.

Semivolatiles EPA 8270E/SIM Analysis

The percent recovery for Pyridine, Phenol, 2-Chlorophenol, 1,4-Dichlorobenzene, n-Nitroso-di-n-propylamine, and 1,2,4-Trichlorobenzene is outside the control limits in the Spike Blank (or Spike Blank Duplicate). The method allows for a percentage of the compounds to fall outside of the control limits due to the large number of analytes being spiked.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-010
Project: WO-01 - Import Fill Sample

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-01**					
Laboratory ID:	09-010-01					
Gasoline	**ND**	2.4	NWTPH-Gx	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*88*	*65-126*				
Client ID:	**FS-090123-02**					
Laboratory ID:	09-010-02					
Gasoline	**ND**	2.2	NWTPH-Gx	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*84*	*65-126*				
Client ID:	**FS-090123-03**					
Laboratory ID:	09-010-03					
Gasoline	**ND**	2.4	NWTPH-Gx	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*84*	*65-126*				
Client ID:	**FS-090123-04**					
Laboratory ID:	09-010-04					
Gasoline	**ND**	2.5	NWTPH-Gx	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*86*	*65-126*				
Client ID:	**FS-090123-05**					
Laboratory ID:	09-010-05					
Gasoline	**ND**	1.2	NWTPH-Gx	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*88*	*65-126*				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-010
Project: WO-01 - Import Fill Sample

GASOLINE RANGE ORGANICS
NWTPH-Gx
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0905S1					
Gasoline	**ND**	2.5	NWTPH-Gx	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*83*	*65-126*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	09-010-01										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*88*	*86*	*65-126*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-010
Project: WO-01 - Import Fill Sample

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-01**					
Laboratory ID:	09-010-01					
Diesel Range Organics	**ND**	8.5	NWTPH-Dx	9-5-23	9-5-23	
Lube Oil Range Organics	**ND**	17	NWTPH-Dx	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*93*	*50-150*				
Client ID:	**FS-090123-02**					
Laboratory ID:	09-010-02					
Diesel Range Organics	**ND**	8.6	NWTPH-Dx	9-5-23	9-5-23	
Lube Oil Range Organics	**ND**	17	NWTPH-Dx	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*89*	*50-150*				
Client ID:	**FS-090123-03**					
Laboratory ID:	09-010-03					
Diesel Range Organics	**ND**	8.5	NWTPH-Dx	9-5-23	9-5-23	
Lube Oil Range Organics	**ND**	17	NWTPH-Dx	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*92*	*50-150*				
Client ID:	**FS-090123-04**					
Laboratory ID:	09-010-04					
Diesel Range Organics	**ND**	8.5	NWTPH-Dx	9-5-23	9-5-23	
Lube Oil Range Organics	**ND**	17	NWTPH-Dx	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*91*	*50-150*				
Client ID:	**FS-090123-05**					
Laboratory ID:	09-010-05					
Diesel Range Organics	**ND**	8.5	NWTPH-Dx	9-5-23	9-5-23	
Lube Oil Range Organics	**ND**	17	NWTPH-Dx	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*87*	*50-150*				

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-010
Project: WO-01 - Import Fill Sample

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0905S2					
Diesel Range Organics	**ND**	8.3	NWTPH-Dx	9-5-23	9-5-23	
Lube Oil Range Organics	**ND**	17	NWTPH-Dx	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*83*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	09-012-04									
	ORIG	DUP								
Diesel Range	**ND**	**ND**	NA	NA		NA	NA	NA	40	U1,
Lube Oil	**1470**	**1260**	NA	NA		NA	NA	15	40	
Surrogate:										
o-Terphenyl						*77* *80*	*50-150*			

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-010
Project: WO-01 - Import Fill Sample

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-01**					
Laboratory ID:	09-010-01					
Dichlorodifluoromethane	ND	0.0014	EPA 8260D	9-5-23	9-5-23	
Chloromethane	ND	0.0014	EPA 8260D	9-5-23	9-5-23	
Vinyl Chloride	ND	0.00063	EPA 8260D	9-5-23	9-5-23	
Bromomethane	ND	0.0013	EPA 8260D	9-5-23	9-5-23	
Chloroethane	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
Trichlorofluoromethane	ND	0.00047	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloroethene	ND	0.00047	EPA 8260D	9-5-23	9-5-23	
Acetone	ND	0.0047	EPA 8260D	9-5-23	9-5-23	
Iodomethane	ND	0.0047	EPA 8260D	9-5-23	9-5-23	
Carbon Disulfide	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
Methylene Chloride	ND	0.0060	EPA 8260D	9-5-23	9-5-23	
(trans) 1,2-Dichloroethene	ND	0.00047	EPA 8260D	9-5-23	9-5-23	
Methyl t-Butyl Ether	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloroethane	ND	0.00047	EPA 8260D	9-5-23	9-5-23	
Vinyl Acetate	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
2,2-Dichloropropane	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
(cis) 1,2-Dichloroethene	ND	0.00047	EPA 8260D	9-5-23	9-5-23	
2-Butanone	ND	0.0047	EPA 8260D	9-5-23	9-5-23	
Bromochloromethane	ND	0.00047	EPA 8260D	9-5-23	9-5-23	
Chloroform	ND	0.00047	EPA 8260D	9-5-23	9-5-23	
1,1,1-Trichloroethane	ND	0.00047	EPA 8260D	9-5-23	9-5-23	
Carbon Tetrachloride	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloropropene	ND	0.00063	EPA 8260D	9-5-23	9-5-23	
Benzene	ND	0.00047	EPA 8260D	9-5-23	9-5-23	
1,2-Dichloroethane	ND	0.00047	EPA 8260D	9-5-23	9-5-23	
Trichloroethene	ND	0.00047	EPA 8260D	9-5-23	9-5-23	
1,2-Dichloropropane	ND	0.00047	EPA 8260D	9-5-23	9-5-23	
Dibromomethane	ND	0.00047	EPA 8260D	9-5-23	9-5-23	
Bromodichloromethane	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
2-Chloroethyl Vinyl Ether	ND	0.0094	EPA 8260D	9-5-23	9-5-23	
(cis) 1,3-Dichloropropene	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
Methyl Isobutyl Ketone	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
Toluene	ND	0.00094	EPA 8260D	9-5-23	9-5-23	

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-010
Project: WO-01 - Import Fill Sample

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-01**					
Laboratory ID:	09-010-01					
(trans) 1,3-Dichloropropene	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
1,1,2-Trichloroethane	ND	0.00047	EPA 8260D	9-5-23	9-5-23	
Tetrachloroethene	ND	0.00047	EPA 8260D	9-5-23	9-5-23	
1,3-Dichloropropane	ND	0.00047	EPA 8260D	9-5-23	9-5-23	
2-Hexanone	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
Dibromochloromethane	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
1,2-Dibromoethane	ND	0.00047	EPA 8260D	9-5-23	9-5-23	
Chlorobenzene	ND	0.00047	EPA 8260D	9-5-23	9-5-23	
1,1,1,2-Tetrachloroethane	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
Ethylbenzene	ND	0.00047	EPA 8260D	9-5-23	9-5-23	
m,p-Xylene	ND	0.0019	EPA 8260D	9-5-23	9-5-23	
o-Xylene	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
Styrene	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
Bromoform	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
Isopropylbenzene	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
Bromobenzene	ND	0.00047	EPA 8260D	9-5-23	9-5-23	
1,1,2,2-Tetrachloroethane	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
1,2,3-Trichloropropane	ND	0.00047	EPA 8260D	9-5-23	9-5-23	
n-Propylbenzene	ND	0.00047	EPA 8260D	9-5-23	9-5-23	
2-Chlorotoluene	ND	0.00047	EPA 8260D	9-5-23	9-5-23	
4-Chlorotoluene	ND	0.00047	EPA 8260D	9-5-23	9-5-23	
1,3,5-Trimethylbenzene	ND	0.00047	EPA 8260D	9-5-23	9-5-23	
tert-Butylbenzene	ND	0.00047	EPA 8260D	9-5-23	9-5-23	
1,2,4-Trimethylbenzene	ND	0.00047	EPA 8260D	9-5-23	9-5-23	
sec-Butylbenzene	ND	0.00047	EPA 8260D	9-5-23	9-5-23	
1,3-Dichlorobenzene	ND	0.00047	EPA 8260D	9-5-23	9-5-23	
p-Isopropyltoluene	ND	0.00047	EPA 8260D	9-5-23	9-5-23	
1,4-Dichlorobenzene	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
1,2-Dichlorobenzene	ND	0.00047	EPA 8260D	9-5-23	9-5-23	
n-Butylbenzene	ND	0.00047	EPA 8260D	9-5-23	9-5-23	
1,2-Dibromo-3-chloropropane	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
1,2,4-Trichlorobenzene	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
Hexachlorobutadiene	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
Naphthalene	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
1,2,3-Trichlorobenzene	ND	0.00094	EPA 8260D	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*84*	*75-130*				
Toluene-d8	*95*	*78-128*				
4-Bromofluorobenzene	*96*	*71-130*				

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-010
Project: WO-01 - Import Fill Sample

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-02**					
Laboratory ID:	09-010-02					
Dichlorodifluoromethane	ND	0.0014	EPA 8260D	9-5-23	9-5-23	
Chloromethane	ND	0.0014	EPA 8260D	9-5-23	9-5-23	
Vinyl Chloride	ND	0.00061	EPA 8260D	9-5-23	9-5-23	
Bromomethane	ND	0.0013	EPA 8260D	9-5-23	9-5-23	
Chloroethane	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
Trichlorofluoromethane	ND	0.00046	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloroethene	ND	0.00046	EPA 8260D	9-5-23	9-5-23	
Acetone	ND	0.0046	EPA 8260D	9-5-23	9-5-23	
Iodomethane	ND	0.0046	EPA 8260D	9-5-23	9-5-23	
Carbon Disulfide	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
Methylene Chloride	ND	0.0058	EPA 8260D	9-5-23	9-5-23	
(trans) 1,2-Dichloroethene	ND	0.00046	EPA 8260D	9-5-23	9-5-23	
Methyl t-Butyl Ether	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloroethane	ND	0.00046	EPA 8260D	9-5-23	9-5-23	
Vinyl Acetate	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
2,2-Dichloropropane	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
(cis) 1,2-Dichloroethene	ND	0.00046	EPA 8260D	9-5-23	9-5-23	
2-Butanone	ND	0.0046	EPA 8260D	9-5-23	9-5-23	
Bromochloromethane	ND	0.00046	EPA 8260D	9-5-23	9-5-23	
Chloroform	ND	0.00046	EPA 8260D	9-5-23	9-5-23	
1,1,1-Trichloroethane	ND	0.00046	EPA 8260D	9-5-23	9-5-23	
Carbon Tetrachloride	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloropropene	ND	0.00061	EPA 8260D	9-5-23	9-5-23	
Benzene	ND	0.00046	EPA 8260D	9-5-23	9-5-23	
1,2-Dichloroethane	ND	0.00046	EPA 8260D	9-5-23	9-5-23	
Trichloroethene	ND	0.00046	EPA 8260D	9-5-23	9-5-23	
1,2-Dichloropropane	ND	0.00046	EPA 8260D	9-5-23	9-5-23	
Dibromomethane	ND	0.00046	EPA 8260D	9-5-23	9-5-23	
Bromodichloromethane	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
2-Chloroethyl Vinyl Ether	ND	0.0091	EPA 8260D	9-5-23	9-5-23	
(cis) 1,3-Dichloropropene	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
Methyl Isobutyl Ketone	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
Toluene	ND	0.00091	EPA 8260D	9-5-23	9-5-23	

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Laboratory Reference: 2309-010
Project: WO-01 - Import Fill Sample

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-02**					
Laboratory ID:	09-010-02					
(trans) 1,3-Dichloropropene	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
1,1,2-Trichloroethane	ND	0.00046	EPA 8260D	9-5-23	9-5-23	
Tetrachloroethene	ND	0.00046	EPA 8260D	9-5-23	9-5-23	
1,3-Dichloropropane	ND	0.00046	EPA 8260D	9-5-23	9-5-23	
2-Hexanone	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
Dibromochloromethane	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
1,2-Dibromoethane	ND	0.00046	EPA 8260D	9-5-23	9-5-23	
Chlorobenzene	ND	0.00046	EPA 8260D	9-5-23	9-5-23	
1,1,1,2-Tetrachloroethane	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
Ethylbenzene	ND	0.00046	EPA 8260D	9-5-23	9-5-23	
m,p-Xylene	ND	0.0018	EPA 8260D	9-5-23	9-5-23	
o-Xylene	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
Styrene	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
Bromoform	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
Isopropylbenzene	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
Bromobenzene	ND	0.00046	EPA 8260D	9-5-23	9-5-23	
1,1,2,2-Tetrachloroethane	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
1,2,3-Trichloropropane	ND	0.00046	EPA 8260D	9-5-23	9-5-23	
n-Propylbenzene	ND	0.00046	EPA 8260D	9-5-23	9-5-23	
2-Chlorotoluene	ND	0.00046	EPA 8260D	9-5-23	9-5-23	
4-Chlorotoluene	ND	0.00046	EPA 8260D	9-5-23	9-5-23	
1,3,5-Trimethylbenzene	ND	0.00046	EPA 8260D	9-5-23	9-5-23	
tert-Butylbenzene	ND	0.00046	EPA 8260D	9-5-23	9-5-23	
1,2,4-Trimethylbenzene	ND	0.00046	EPA 8260D	9-5-23	9-5-23	
sec-Butylbenzene	ND	0.00046	EPA 8260D	9-5-23	9-5-23	
1,3-Dichlorobenzene	ND	0.00046	EPA 8260D	9-5-23	9-5-23	
p-Isopropyltoluene	ND	0.00046	EPA 8260D	9-5-23	9-5-23	
1,4-Dichlorobenzene	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
1,2-Dichlorobenzene	ND	0.00046	EPA 8260D	9-5-23	9-5-23	
n-Butylbenzene	ND	0.00046	EPA 8260D	9-5-23	9-5-23	
1,2-Dibromo-3-chloropropane	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
1,2,4-Trichlorobenzene	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
Hexachlorobutadiene	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
Naphthalene	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
1,2,3-Trichlorobenzene	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*83*	*75-130*				
Toluene-d8	*94*	*78-128*				
4-Bromofluorobenzene	*81*	*71-130*				

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-010
Project: WO-01 - Import Fill Sample

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-03**					
Laboratory ID:	09-010-03					
Dichlorodifluoromethane	ND	0.0014	EPA 8260D	9-5-23	9-5-23	
Chloromethane	ND	0.0014	EPA 8260D	9-5-23	9-5-23	
Vinyl Chloride	ND	0.00061	EPA 8260D	9-5-23	9-5-23	
Bromomethane	ND	0.0013	EPA 8260D	9-5-23	9-5-23	
Chloroethane	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
Trichlorofluoromethane	ND	0.00045	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloroethene	ND	0.00045	EPA 8260D	9-5-23	9-5-23	
Acetone	ND	0.0045	EPA 8260D	9-5-23	9-5-23	
Iodomethane	ND	0.0045	EPA 8260D	9-5-23	9-5-23	
Carbon Disulfide	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
Methylene Chloride	ND	0.0058	EPA 8260D	9-5-23	9-5-23	
(trans) 1,2-Dichloroethene	ND	0.00045	EPA 8260D	9-5-23	9-5-23	
Methyl t-Butyl Ether	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloroethane	ND	0.00045	EPA 8260D	9-5-23	9-5-23	
Vinyl Acetate	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
2,2-Dichloropropane	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
(cis) 1,2-Dichloroethene	ND	0.00045	EPA 8260D	9-5-23	9-5-23	
2-Butanone	ND	0.0045	EPA 8260D	9-5-23	9-5-23	
Bromochloromethane	ND	0.00045	EPA 8260D	9-5-23	9-5-23	
Chloroform	ND	0.00045	EPA 8260D	9-5-23	9-5-23	
1,1,1-Trichloroethane	ND	0.00045	EPA 8260D	9-5-23	9-5-23	
Carbon Tetrachloride	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloropropene	ND	0.00061	EPA 8260D	9-5-23	9-5-23	
Benzene	ND	0.00045	EPA 8260D	9-5-23	9-5-23	
1,2-Dichloroethane	ND	0.00045	EPA 8260D	9-5-23	9-5-23	
Trichloroethene	ND	0.00045	EPA 8260D	9-5-23	9-5-23	
1,2-Dichloropropane	ND	0.00045	EPA 8260D	9-5-23	9-5-23	
Dibromomethane	ND	0.00045	EPA 8260D	9-5-23	9-5-23	
Bromodichloromethane	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
2-Chloroethyl Vinyl Ether	ND	0.0091	EPA 8260D	9-5-23	9-5-23	
(cis) 1,3-Dichloropropene	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
Methyl Isobutyl Ketone	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
Toluene	ND	0.00091	EPA 8260D	9-5-23	9-5-23	

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-010
Project: WO-01 - Import Fill Sample

VOLATILE ORGANICS EPA 8260D
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-03**					
Laboratory ID:	09-010-03					
(trans) 1,3-Dichloropropene	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
1,1,2-Trichloroethane	ND	0.00045	EPA 8260D	9-5-23	9-5-23	
Tetrachloroethene	ND	0.00045	EPA 8260D	9-5-23	9-5-23	
1,3-Dichloropropane	ND	0.00045	EPA 8260D	9-5-23	9-5-23	
2-Hexanone	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
Dibromochloromethane	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
1,2-Dibromoethane	ND	0.00045	EPA 8260D	9-5-23	9-5-23	
Chlorobenzene	ND	0.00045	EPA 8260D	9-5-23	9-5-23	
1,1,1,2-Tetrachloroethane	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
Ethylbenzene	ND	0.00045	EPA 8260D	9-5-23	9-5-23	
m,p-Xylene	ND	0.0018	EPA 8260D	9-5-23	9-5-23	
o-Xylene	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
Styrene	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
Bromoform	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
Isopropylbenzene	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
Bromobenzene	ND	0.00045	EPA 8260D	9-5-23	9-5-23	
1,1,2,2-Tetrachloroethane	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
1,2,3-Trichloropropane	ND	0.00045	EPA 8260D	9-5-23	9-5-23	
n-Propylbenzene	ND	0.00045	EPA 8260D	9-5-23	9-5-23	
2-Chlorotoluene	ND	0.00045	EPA 8260D	9-5-23	9-5-23	
4-Chlorotoluene	ND	0.00045	EPA 8260D	9-5-23	9-5-23	
1,3,5-Trimethylbenzene	ND	0.00045	EPA 8260D	9-5-23	9-5-23	
tert-Butylbenzene	ND	0.00045	EPA 8260D	9-5-23	9-5-23	
1,2,4-Trimethylbenzene	ND	0.00045	EPA 8260D	9-5-23	9-5-23	
sec-Butylbenzene	ND	0.00045	EPA 8260D	9-5-23	9-5-23	
1,3-Dichlorobenzene	ND	0.00045	EPA 8260D	9-5-23	9-5-23	
p-Isopropyltoluene	ND	0.00045	EPA 8260D	9-5-23	9-5-23	
1,4-Dichlorobenzene	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
1,2-Dichlorobenzene	ND	0.00045	EPA 8260D	9-5-23	9-5-23	
n-Butylbenzene	ND	0.00045	EPA 8260D	9-5-23	9-5-23	
1,2-Dibromo-3-chloropropane	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
1,2,4-Trichlorobenzene	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
Hexachlorobutadiene	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
Naphthalene	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
1,2,3-Trichlorobenzene	ND	0.00091	EPA 8260D	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*85*	*75-130*				
Toluene-d8	*93*	*78-128*				
4-Bromofluorobenzene	*92*	*71-130*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-010
Project: WO-01 - Import Fill Sample

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-04**					
Laboratory ID:	09-010-04					
Dichlorodifluoromethane	ND	0.0015	EPA 8260D	9-5-23	9-5-23	
Chloromethane	ND	0.0015	EPA 8260D	9-5-23	9-5-23	
Vinyl Chloride	ND	0.00069	EPA 8260D	9-5-23	9-5-23	
Bromomethane	ND	0.0014	EPA 8260D	9-5-23	9-5-23	
Chloroethane	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Trichlorofluoromethane	ND	0.00051	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloroethene	ND	0.00051	EPA 8260D	9-5-23	9-5-23	
Acetone	ND	0.0051	EPA 8260D	9-5-23	9-5-23	
Iodomethane	ND	0.0051	EPA 8260D	9-5-23	9-5-23	
Carbon Disulfide	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Methylene Chloride	ND	0.0066	EPA 8260D	9-5-23	9-5-23	
(trans) 1,2-Dichloroethene	ND	0.00051	EPA 8260D	9-5-23	9-5-23	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloroethane	ND	0.00051	EPA 8260D	9-5-23	9-5-23	
Vinyl Acetate	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
2,2-Dichloropropane	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
(cis) 1,2-Dichloroethene	ND	0.00051	EPA 8260D	9-5-23	9-5-23	
2-Butanone	ND	0.0051	EPA 8260D	9-5-23	9-5-23	
Bromochloromethane	ND	0.00051	EPA 8260D	9-5-23	9-5-23	
Chloroform	ND	0.00051	EPA 8260D	9-5-23	9-5-23	
1,1,1-Trichloroethane	ND	0.00051	EPA 8260D	9-5-23	9-5-23	
Carbon Tetrachloride	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloropropene	ND	0.00069	EPA 8260D	9-5-23	9-5-23	
Benzene	ND	0.00051	EPA 8260D	9-5-23	9-5-23	
1,2-Dichloroethane	ND	0.00051	EPA 8260D	9-5-23	9-5-23	
Trichloroethene	ND	0.00051	EPA 8260D	9-5-23	9-5-23	
1,2-Dichloropropane	ND	0.00051	EPA 8260D	9-5-23	9-5-23	
Dibromomethane	ND	0.00051	EPA 8260D	9-5-23	9-5-23	
Bromodichloromethane	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
2-Chloroethyl Vinyl Ether	ND	0.010	EPA 8260D	9-5-23	9-5-23	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Methyl Isobutyl Ketone	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Toluene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-010
Project: WO-01 - Import Fill Sample

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-04**					
Laboratory ID:	09-010-04					
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,1,2-Trichloroethane	ND	0.00051	EPA 8260D	9-5-23	9-5-23	
Tetrachloroethene	ND	0.00051	EPA 8260D	9-5-23	9-5-23	
1,3-Dichloropropane	ND	0.00051	EPA 8260D	9-5-23	9-5-23	
2-Hexanone	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Dibromochloromethane	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,2-Dibromoethane	ND	0.00051	EPA 8260D	9-5-23	9-5-23	
Chlorobenzene	ND	0.00051	EPA 8260D	9-5-23	9-5-23	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Ethylbenzene	ND	0.00051	EPA 8260D	9-5-23	9-5-23	
m,p-Xylene	ND	0.0021	EPA 8260D	9-5-23	9-5-23	
o-Xylene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Styrene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Bromoform	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Isopropylbenzene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Bromobenzene	ND	0.00051	EPA 8260D	9-5-23	9-5-23	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,2,3-Trichloropropane	ND	0.00051	EPA 8260D	9-5-23	9-5-23	
n-Propylbenzene	ND	0.00051	EPA 8260D	9-5-23	9-5-23	
2-Chlorotoluene	ND	0.00051	EPA 8260D	9-5-23	9-5-23	
4-Chlorotoluene	ND	0.00051	EPA 8260D	9-5-23	9-5-23	
1,3,5-Trimethylbenzene	ND	0.00051	EPA 8260D	9-5-23	9-5-23	
tert-Butylbenzene	ND	0.00051	EPA 8260D	9-5-23	9-5-23	
1,2,4-Trimethylbenzene	ND	0.00051	EPA 8260D	9-5-23	9-5-23	
sec-Butylbenzene	ND	0.00051	EPA 8260D	9-5-23	9-5-23	
1,3-Dichlorobenzene	ND	0.00051	EPA 8260D	9-5-23	9-5-23	
p-Isopropyltoluene	ND	0.00051	EPA 8260D	9-5-23	9-5-23	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,2-Dichlorobenzene	ND	0.00051	EPA 8260D	9-5-23	9-5-23	
n-Butylbenzene	ND	0.00051	EPA 8260D	9-5-23	9-5-23	
1,2-Dibromo-3-chloropropane	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Hexachlorobutadiene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Naphthalene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*88*	*75-130*				
Toluene-d8	*93*	*78-128*				
4-Bromofluorobenzene	*95*	*71-130*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-010
Project: WO-01 - Import Fill Sample

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-05**					
Laboratory ID:	09-010-05					
Dichlorodifluoromethane	ND	0.0015	EPA 8260D	9-5-23	9-5-23	
Chloromethane	ND	0.0015	EPA 8260D	9-5-23	9-5-23	
Vinyl Chloride	ND	0.00066	EPA 8260D	9-5-23	9-5-23	
Bromomethane	ND	0.0014	EPA 8260D	9-5-23	9-5-23	
Chloroethane	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
Trichlorofluoromethane	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloroethene	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
Acetone	ND	0.0049	EPA 8260D	9-5-23	9-5-23	
Iodomethane	ND	0.0049	EPA 8260D	9-5-23	9-5-23	
Carbon Disulfide	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
Methylene Chloride	ND	0.0063	EPA 8260D	9-5-23	9-5-23	
(trans) 1,2-Dichloroethene	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
Methyl t-Butyl Ether	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloroethane	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
Vinyl Acetate	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
2,2-Dichloropropane	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
(cis) 1,2-Dichloroethene	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
2-Butanone	ND	0.0049	EPA 8260D	9-5-23	9-5-23	
Bromochloromethane	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
Chloroform	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
1,1,1-Trichloroethane	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
Carbon Tetrachloride	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloropropene	ND	0.00066	EPA 8260D	9-5-23	9-5-23	
Benzene	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
1,2-Dichloroethane	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
Trichloroethene	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
1,2-Dichloropropane	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
Dibromomethane	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
Bromodichloromethane	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
2-Chloroethyl Vinyl Ether	ND	0.0099	EPA 8260D	9-5-23	9-5-23	
(cis) 1,3-Dichloropropene	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
Methyl Isobutyl Ketone	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
Toluene	ND	0.00099	EPA 8260D	9-5-23	9-5-23	

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-010
Project: WO-01 - Import Fill Sample

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-05**					
Laboratory ID:	09-010-05					
(trans) 1,3-Dichloropropene	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
1,1,2-Trichloroethane	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
Tetrachloroethene	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
1,3-Dichloropropane	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
2-Hexanone	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
Dibromochloromethane	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
1,2-Dibromoethane	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
Chlorobenzene	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
1,1,1,2-Tetrachloroethane	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
Ethylbenzene	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
m,p-Xylene	ND	0.0020	EPA 8260D	9-5-23	9-5-23	
o-Xylene	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
Styrene	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
Bromoform	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
Isopropylbenzene	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
Bromobenzene	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
1,1,2,2-Tetrachloroethane	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
1,2,3-Trichloropropane	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
n-Propylbenzene	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
2-Chlorotoluene	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
4-Chlorotoluene	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
1,3,5-Trimethylbenzene	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
tert-Butylbenzene	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
1,2,4-Trimethylbenzene	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
sec-Butylbenzene	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
1,3-Dichlorobenzene	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
p-Isopropyltoluene	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
1,4-Dichlorobenzene	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
1,2-Dichlorobenzene	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
n-Butylbenzene	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
1,2-Dibromo-3-chloropropane	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
1,2,4-Trichlorobenzene	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
Hexachlorobutadiene	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
Naphthalene	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
1,2,3-Trichlorobenzene	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*86*	*75-130*				
Toluene-d8	*95*	*78-128*				
4-Bromofluorobenzene	*102*	*71-130*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-010
Project: WO-01 - Import Fill Sample

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0905S1					
Dichlorodifluoromethane	ND	0.0015	EPA 8260D	9-5-23	9-5-23	
Chloromethane	ND	0.0015	EPA 8260D	9-5-23	9-5-23	
Vinyl Chloride	ND	0.00067	EPA 8260D	9-5-23	9-5-23	
Bromomethane	ND	0.0014	EPA 8260D	9-5-23	9-5-23	
Chloroethane	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Trichlorofluoromethane	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloroethene	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
Acetone	ND	0.0050	EPA 8260D	9-5-23	9-5-23	
Iodomethane	ND	0.0050	EPA 8260D	9-5-23	9-5-23	
Carbon Disulfide	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Methylene Chloride	ND	0.0064	EPA 8260D	9-5-23	9-5-23	
(trans) 1,2-Dichloroethene	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloroethane	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
Vinyl Acetate	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
2,2-Dichloropropane	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
(cis) 1,2-Dichloroethene	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
2-Butanone	ND	0.0050	EPA 8260D	9-5-23	9-5-23	
Bromochloromethane	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
Chloroform	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
1,1,1-Trichloroethane	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
Carbon Tetrachloride	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloropropene	ND	0.00067	EPA 8260D	9-5-23	9-5-23	
Benzene	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
1,2-Dichloroethane	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
Trichloroethene	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
1,2-Dichloropropane	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
Dibromomethane	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
Bromodichloromethane	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
2-Chloroethyl Vinyl Ether	ND	0.010	EPA 8260D	9-5-23	9-5-23	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Methyl Isobutyl Ketone	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Toluene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-010
Project: WO-01 - Import Fill Sample

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0905S1					
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,1,2-Trichloroethane	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
Tetrachloroethene	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
1,3-Dichloropropane	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
2-Hexanone	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Dibromochloromethane	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,2-Dibromoethane	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
Chlorobenzene	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Ethylbenzene	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
m,p-Xylene	ND	0.0020	EPA 8260D	9-5-23	9-5-23	
o-Xylene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Styrene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Bromoform	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Isopropylbenzene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Bromobenzene	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,2,3-Trichloropropane	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
n-Propylbenzene	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
2-Chlorotoluene	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
4-Chlorotoluene	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
1,3,5-Trimethylbenzene	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
tert-Butylbenzene	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
1,2,4-Trimethylbenzene	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
sec-Butylbenzene	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
1,3-Dichlorobenzene	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
p-Isopropyltoluene	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,2-Dichlorobenzene	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
n-Butylbenzene	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
1,2-Dibromo-3-chloropropane	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Hexachlorobutadiene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Naphthalene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*86*	*75-130*				
Toluene-d8	*95*	*78-128*				
4-Bromofluorobenzene	*107*	*71-130*				

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-010
Project: WO-01 - Import Fill Sample

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0905S1									
	SB	SBD	SB	SBD	SB	SBD				
Dichlorodifluoromethane	**0.0341**	**0.0327**	0.0500	0.0500	68	65	30-160	4	26	
Chloromethane	**0.0326**	**0.0317**	0.0500	0.0500	65	63	59-131	3	26	
Vinyl Chloride	**0.0371**	**0.0356**	0.0500	0.0500	74	71	68-136	4	23	
Bromomethane	**0.0366**	**0.0366**	0.0500	0.0500	73	73	48-155	0	32	
Chloroethane	**0.0416**	**0.0392**	0.0500	0.0500	83	78	67-141	6	16	
Trichlorofluoromethane	**0.0463**	**0.0437**	0.0500	0.0500	93	87	76-127	6	19	
1,1-Dichloroethene	**0.0430**	**0.0402**	0.0500	0.0500	86	80	75-129	7	19	
Acetone	**0.0473**	**0.0427**	0.0500	0.0500	95	85	49-158	10	37	
Iodomethane	**0.0424**	**0.0371**	0.0500	0.0500	85	74	37-140	13	27	
Carbon Disulfide	**0.0425**	**0.0377**	0.0500	0.0500	85	75	41-143	12	19	
Methylene Chloride	**0.0388**	**0.0386**	0.0500	0.0500	78	77	60-124	1	18	
(trans) 1,2-Dichloroethene	**0.0442**	**0.0408**	0.0500	0.0500	88	82	79-133	8	15	
Methyl t-Butyl Ether	**0.0426**	**0.0398**	0.0500	0.0500	85	80	73-125	7	17	
1,1-Dichloroethane	**0.0436**	**0.0412**	0.0500	0.0500	87	82	79-125	6	17	
Vinyl Acetate	**0.0470**	**0.0410**	0.0500	0.0500	94	82	51-145	14	41	
2,2-Dichloropropane	**0.0504**	**0.0465**	0.0500	0.0500	101	93	79-126	8	18	
(cis) 1,2-Dichloroethene	**0.0407**	**0.0436**	0.0500	0.0500	81	87	75-131	7	15	
2-Butanone	**0.0467**	**0.0391**	0.0500	0.0500	93	78	54-145	18	32	
Bromochloromethane	**0.0456**	**0.0445**	0.0500	0.0500	91	89	80-126	2	15	
Chloroform	**0.0436**	**0.0410**	0.0500	0.0500	87	82	80-123	6	15	
1,1,1-Trichloroethane	**0.0418**	**0.0389**	0.0500	0.0500	84	78	78-124	7	21	
Carbon Tetrachloride	**0.0401**	**0.0395**	0.0500	0.0500	80	79	74-127	2	18	
1,1-Dichloropropene	**0.0372**	**0.0368**	0.0500	0.0500	74	74	80-123	1	15	I,I
Benzene	**0.0435**	**0.0408**	0.0500	0.0500	87	82	80-122	6	18	
1,2-Dichloroethane	**0.0449**	**0.0413**	0.0500	0.0500	90	83	75-124	8	15	
Trichloroethene	**0.0514**	**0.0490**	0.0500	0.0500	103	98	80-129	5	18	
1,2-Dichloropropane	**0.0491**	**0.0472**	0.0500	0.0500	98	94	80-123	4	15	
Dibromomethane	**0.0462**	**0.0448**	0.0500	0.0500	92	90	80-123	3	15	
Bromodichloromethane	**0.0503**	**0.0480**	0.0500	0.0500	101	96	80-129	5	15	
(cis) 1,3-Dichloropropene	**0.0508**	**0.0486**	0.0500	0.0500	102	97	80-130	4	15	
Methyl Isobutyl Ketone	**0.0475**	**0.0432**	0.0500	0.0500	95	86	63-137	9	27	
Toluene	**0.0466**	**0.0449**	0.0500	0.0500	93	90	80-120	4	18	
(trans) 1,3-Dichloropropene	**0.0568**	**0.0544**	0.0500	0.0500	114	109	80-124	4	15	

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Samples Submitted: September 1, 2023
Laboratory Reference: 2309-010
Project: WO-01 - Import Fill Sample

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 2 of 2

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0905S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1,2-Trichloroethane	**0.0487**	**0.0467**	0.0500	0.0500	97	93	80-120	4	15	
Tetrachloroethene	**0.0595**	**0.0600**	0.0500	0.0500	119	120	77-126	1	15	
1,3-Dichloropropane	**0.0521**	**0.0517**	0.0500	0.0500	104	103	77-123	1	15	
2-Hexanone	**0.0498**	**0.0450**	0.0500	0.0500	100	90	53-137	10	29	
Dibromochloromethane	**0.0555**	**0.0531**	0.0500	0.0500	111	106	80-128	4	16	
1,2-Dibromoethane	**0.0536**	**0.0487**	0.0500	0.0500	107	97	80-122	10	20	
Chlorobenzene	**0.0534**	**0.0523**	0.0500	0.0500	107	105	80-120	2	18	
1,1,1,2-Tetrachloroethane	**0.0527**	**0.0497**	0.0500	0.0500	105	99	80-120	6	15	
Ethylbenzene	**0.0539**	**0.0532**	0.0500	0.0500	108	106	80-120	1	15	
m,p-Xylene	**0.107**	**0.104**	0.100	0.100	107	104	80-120	3	15	
o-Xylene	**0.0541**	**0.0531**	0.0500	0.0500	108	106	80-120	2	15	
Styrene	**0.0550**	**0.0524**	0.0500	0.0500	110	105	80-122	5	15	
Bromoform	**0.0537**	**0.0517**	0.0500	0.0500	107	103	78-126	4	15	
Isopropylbenzene	**0.0549**	**0.0539**	0.0500	0.0500	110	108	80-125	2	15	
Bromobenzene	**0.0548**	**0.0555**	0.0500	0.0500	110	111	79-124	1	15	
1,1,2,2-Tetrachloroethane	**0.0536**	**0.0519**	0.0500	0.0500	107	104	75-122	3	17	
1,2,3-Trichloropropane	**0.0529**	**0.0508**	0.0500	0.0500	106	102	72-125	4	20	
n-Propylbenzene	**0.0570**	**0.0571**	0.0500	0.0500	114	114	77-126	0	16	
2-Chlorotoluene	**0.0614**	**0.0596**	0.0500	0.0500	123	119	75-128	3	15	
4-Chlorotoluene	**0.0590**	**0.0586**	0.0500	0.0500	118	117	78-127	1	16	
1,3,5-Trimethylbenzene	**0.0581**	**0.0571**	0.0500	0.0500	116	114	77-128	2	15	
tert-Butylbenzene	**0.0578**	**0.0575**	0.0500	0.0500	116	115	73-130	1	20	
1,2,4-Trimethylbenzene	**0.0586**	**0.0579**	0.0500	0.0500	117	116	77-125	1	16	
sec-Butylbenzene	**0.0563**	**0.0562**	0.0500	0.0500	113	112	75-130	0	17	
1,3-Dichlorobenzene	**0.0595**	**0.0590**	0.0500	0.0500	119	118	78-123	1	17	
p-Isopropyltoluene	**0.0599**	**0.0590**	0.0500	0.0500	120	118	75-130	2	18	
1,4-Dichlorobenzene	**0.0599**	**0.0587**	0.0500	0.0500	120	117	77-121	2	17	
1,2-Dichlorobenzene	**0.0569**	**0.0564**	0.0500	0.0500	114	113	80-120	1	15	
n-Butylbenzene	**0.0609**	**0.0590**	0.0500	0.0500	122	118	76-131	3	20	
1,2-Dibromo-3-chloropropane	**0.0610**	**0.0578**	0.0500	0.0500	122	116	61-137	5	28	
1,2,4-Trichlorobenzene	**0.0659**	**0.0661**	0.0500	0.0500	132	132	77-127	0	17	I,I
Hexachlorobutadiene	**0.0582**	**0.0601**	0.0500	0.0500	116	120	77-125	3	22	
Naphthalene	**0.0572**	**0.0563**	0.0500	0.0500	114	113	68-129	2	19	
1,2,3-Trichlorobenzene	**0.0592**	**0.0607**	0.0500	0.0500	118	121	77-124	3	19	
Surrogate:										
Dibromofluoromethane					*84*	*84*	*75-130*			
Toluene-d8					*92*	*94*	*78-128*			
4-Bromofluorobenzene					*100*	*103*	*71-130*			

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-010
Project: WO-01 - Import Fill Sample

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-01**					
Laboratory ID:	09-010-01					
n-Nitrosodimethylamine	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
Pyridine	**ND**	0.20	EPA 8270E	9-5-23	9-6-23	
Phenol	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
Aniline	**ND**	0.10	EPA 8270E	9-5-23	9-6-23	
bis(2-Chloroethyl)ether	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
2-Chlorophenol	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
1,3-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
1,4-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
Benzyl alcohol	**ND**	0.041	EPA 8270E	9-5-23	9-6-23	
1,2-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
2-Methylphenol (o-Cresol)	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
bis(2-Chloroisopropyl)ether	**ND**	0.015	EPA 8270E	9-5-23	9-6-23	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
n-Nitroso-di-n-propylamine	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
Hexachloroethane	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
Nitrobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
Isophorone	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
2-Nitrophenol	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
2,4-Dimethylphenol	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
bis(2-Chloroethoxy)methane	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
2,4-Dichlorophenol	**ND**	0.041	EPA 8270E	9-5-23	9-6-23	
1,2,4-Trichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
Naphthalene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
4-Chloroaniline	**ND**	0.041	EPA 8270E	9-5-23	9-6-23	
Hexachlorobutadiene	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
4-Chloro-3-methylphenol	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
2-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
1-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Hexachlorocyclopentadiene	**ND**	0.041	EPA 8270E	9-5-23	9-6-23	
2,4,6-Trichlorophenol	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
2,3-Dichloroaniline	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
2,4,5-Trichlorophenol	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
2-Chloronaphthalene	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
2-Nitroaniline	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
1,4-Dinitrobenzene	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
Dimethylphthalate	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
1,3-Dinitrobenzene	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
2,6-Dinitrotoluene	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
1,2-Dinitrobenzene	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
Acenaphthylene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
3-Nitroaniline	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	

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Project: WO-01 - Import Fill Sample

SEMIVOLATILE ORGANICS EPA 8270E/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-01**					
Laboratory ID:	09-010-01					
2,4-Dinitrophenol	**ND**	0.14	EPA 8270E	9-5-23	9-6-23	
Acenaphthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
4-Nitrophenol	**ND**	0.027	EPA 8270E	9-5-23	9-6-23	
2,4-Dinitrotoluene	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
Dibenzofuran	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
2,3,5,6-Tetrachlorophenol	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
2,3,4,6-Tetrachlorophenol	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
Diethylphthalate	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
4-Chlorophenyl-phenylether	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
4-Nitroaniline	**ND**	0.027	EPA 8270E	9-5-23	9-6-23	
Fluorene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
4,6-Dinitro-2-methylphenol	**ND**	0.041	EPA 8270E	9-5-23	9-6-23	
n-Nitrosodiphenylamine	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
1,2-Diphenylhydrazine	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
4-Bromophenyl-phenylether	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
Hexachlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
Pentachlorophenol	**ND**	0.041	EPA 8270E	9-5-23	9-6-23	
Phenanthrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Anthracene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Carbazole	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
Di-n-butylphthalate	**ND**	0.10	EPA 8270E	9-5-23	9-6-23	
Fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Pyrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Butylbenzylphthalate	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
bis-2-Ethylhexyladipate	**ND**	0.10	EPA 8270E	9-5-23	9-6-23	
3,3'-Dichlorobenzidine	**ND**	0.13	EPA 8270E	9-5-23	9-6-23	
Benzo[a]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Chrysene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	9-5-23	9-6-23	
Di-n-octylphthalate	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
Benzo[b]fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Benzo(j,k)fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Benzo[a]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Dibenz[a,h]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Benzo[g,h,i]perylene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*74*	*11 - 111*				
Phenol-d6	*70*	*26 - 117*				
Nitrobenzene-d5	*71*	*31 - 111*				
2-Fluorobiphenyl	*81*	*38 - 109*				
2,4,6-Tribromophenol	*78*	*27 - 127*				
Terphenyl-d14	*83*	*37 - 116*				

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Laboratory Reference: 2309-010
Project: WO-01 - Import Fill Sample

SEMIVOLATILE ORGANICS EPA 8270E/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-02**					
Laboratory ID:	09-010-02					
n-Nitrosodimethylamine	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
Pyridine	**ND**	0.21	EPA 8270E	9-5-23	9-6-23	
Phenol	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
Aniline	**ND**	0.10	EPA 8270E	9-5-23	9-6-23	
bis(2-Chloroethyl)ether	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
2-Chlorophenol	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
1,3-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
1,4-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
Benzyl alcohol	**ND**	0.041	EPA 8270E	9-5-23	9-6-23	
1,2-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
2-Methylphenol (o-Cresol)	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
bis(2-Chloroisopropyl)ether	**ND**	0.015	EPA 8270E	9-5-23	9-6-23	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
n-Nitroso-di-n-propylamine	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
Hexachloroethane	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
Nitrobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
Isophorone	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
2-Nitrophenol	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
2,4-Dimethylphenol	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
bis(2-Chloroethoxy)methane	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
2,4-Dichlorophenol	**ND**	0.041	EPA 8270E	9-5-23	9-6-23	
1,2,4-Trichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
Naphthalene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
4-Chloroaniline	**ND**	0.041	EPA 8270E	9-5-23	9-6-23	
Hexachlorobutadiene	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
4-Chloro-3-methylphenol	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
2-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
1-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Hexachlorocyclopentadiene	**ND**	0.041	EPA 8270E	9-5-23	9-6-23	
2,4,6-Trichlorophenol	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
2,3-Dichloroaniline	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
2,4,5-Trichlorophenol	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
2-Chloronaphthalene	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
2-Nitroaniline	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
1,4-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
Dimethylphthalate	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
1,3-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
2,6-Dinitrotoluene	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
1,2-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
Acenaphthylene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
3-Nitroaniline	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-010
Project: WO-01 - Import Fill Sample

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-02**					
Laboratory ID:	09-010-02					
2,4-Dinitrophenol	**ND**	0.14	EPA 8270E	9-5-23	9-6-23	
Acenaphthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
4-Nitrophenol	**ND**	0.027	EPA 8270E	9-5-23	9-6-23	
2,4-Dinitrotoluene	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
Dibenzofuran	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
2,3,5,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
2,3,4,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
Diethylphthalate	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
4-Chlorophenyl-phenylether	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
4-Nitroaniline	**ND**	0.027	EPA 8270E	9-5-23	9-6-23	
Fluorene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
4,6-Dinitro-2-methylphenol	**ND**	0.041	EPA 8270E	9-5-23	9-6-23	
n-Nitrosodiphenylamine	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
1,2-Diphenylhydrazine	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
4-Bromophenyl-phenylether	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
Hexachlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
Pentachlorophenol	**ND**	0.041	EPA 8270E	9-5-23	9-6-23	
Phenanthrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Anthracene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Carbazole	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
Di-n-butylphthalate	**ND**	0.10	EPA 8270E	9-5-23	9-6-23	
Fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Pyrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Butylbenzylphthalate	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
bis-2-Ethylhexyladipate	**ND**	0.10	EPA 8270E	9-5-23	9-6-23	
3,3'-Dichlorobenzidine	**ND**	0.13	EPA 8270E	9-5-23	9-6-23	
Benzo[a]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Chrysene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	9-5-23	9-6-23	
Di-n-octylphthalate	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
Benzo[b]fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Benzo(j,k)fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Benzo[a]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Dibenz[a,h]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Benzo[g,h,i]perylene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*68*	*11 - 111*				
Phenol-d6	*65*	*26 - 117*				
Nitrobenzene-d5	*70*	*31 - 111*				
2-Fluorobiphenyl	*81*	*38 - 109*				
2,4,6-Tribromophenol	*68*	*27 - 127*				
Terphenyl-d14	*69*	*37 - 116*				

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-010
Project: WO-01 - Import Fill Sample

SEMIVOLATILE ORGANICS EPA 8270E/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-03**					
Laboratory ID:	09-010-03					
n-Nitrosodimethylamine	**ND**	0.026	EPA 8270E	9-5-23	9-5-23	
Pyridine	**ND**	0.20	EPA 8270E	9-5-23	9-5-23	
Phenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
Aniline	**ND**	0.10	EPA 8270E	9-5-23	9-5-23	
bis(2-Chloroethyl)ether	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
2-Chlorophenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
1,3-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
1,4-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Benzyl alcohol	**ND**	0.041	EPA 8270E	9-5-23	9-5-23	
1,2-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
2-Methylphenol (o-Cresol)	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
bis(2-Chloroisopropyl)ether	**ND**	0.014	EPA 8270E	9-5-23	9-5-23	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
n-Nitroso-di-n-propylamine	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Hexachloroethane	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Nitrobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Isophorone	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
2-Nitrophenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
2,4-Dimethylphenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
bis(2-Chloroethoxy)methane	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
2,4-Dichlorophenol	**ND**	0.041	EPA 8270E	9-5-23	9-5-23	
1,2,4-Trichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Naphthalene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
4-Chloroaniline	**ND**	0.041	EPA 8270E	9-5-23	9-5-23	
Hexachlorobutadiene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
4-Chloro-3-methylphenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
2-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
1-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Hexachlorocyclopentadiene	**ND**	0.087	EPA 8270E	9-5-23	9-5-23	
2,4,6-Trichlorophenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
2,3-Dichloroaniline	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
2,4,5-Trichlorophenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
2-Chloronaphthalene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
2-Nitroaniline	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
1,4-Dinitrobenzene	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
Dimethylphthalate	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
1,3-Dinitrobenzene	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
2,6-Dinitrotoluene	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
1,2-Dinitrobenzene	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
Acenaphthylene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
3-Nitroaniline	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-010
Project: WO-01 - Import Fill Sample

SEMIVOLATILE ORGANICS EPA 8270E/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-03**					
Laboratory ID:	09-010-03					
2,4-Dinitrophenol	**ND**	0.25	EPA 8270E	9-5-23	9-5-23	
Acenaphthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
4-Nitrophenol	**ND**	0.029	EPA 8270E	9-5-23	9-5-23	
2,4-Dinitrotoluene	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
Dibenzofuran	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
2,3,5,6-Tetrachlorophenol	**ND**	0.028	EPA 8270E	9-5-23	9-5-23	
2,3,4,6-Tetrachlorophenol	**ND**	0.029	EPA 8270E	9-5-23	9-5-23	
Diethylphthalate	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
4-Chlorophenyl-phenylether	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
4-Nitroaniline	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
Fluorene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
4,6-Dinitro-2-methylphenol	**ND**	0.068	EPA 8270E	9-5-23	9-5-23	
n-Nitrosodiphenylamine	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
1,2-Diphenylhydrazine	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
4-Bromophenyl-phenylether	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Hexachlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Pentachlorophenol	**ND**	0.083	EPA 8270E	9-5-23	9-5-23	
Phenanthrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Anthracene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Carbazole	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Di-n-butylphthalate	**ND**	0.10	EPA 8270E	9-5-23	9-5-23	
Fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Pyrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Butylbenzylphthalate	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
bis-2-Ethylhexyladipate	**ND**	0.10	EPA 8270E	9-5-23	9-5-23	
3,3'-Dichlorobenzidine	**ND**	0.10	EPA 8270E	9-5-23	9-5-23	
Benzo[a]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Chrysene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	9-5-23	9-5-23	
Di-n-octylphthalate	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
Benzo[b]fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Benzo(j,k)fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Benzo[a]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Dibenz[a,h]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Benzo[g,h,i]perylene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*80*	*11 - 111*				
Phenol-d6	*81*	*26 - 117*				
Nitrobenzene-d5	*72*	*31 - 111*				
2-Fluorobiphenyl	*88*	*38 - 109*				
2,4,6-Tribromophenol	*79*	*27 - 127*				
Terphenyl-d14	*80*	*37 - 116*				

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Samples Submitted: September 1, 2023
Laboratory Reference: 2309-010
Project: WO-01 - Import Fill Sample

SEMIVOLATILE ORGANICS EPA 8270E/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-04**					
Laboratory ID:	09-010-04					
n-Nitrosodimethylamine	**ND**	0.026	EPA 8270E	9-5-23	9-5-23	
Pyridine	**ND**	0.20	EPA 8270E	9-5-23	9-5-23	
Phenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
Aniline	**ND**	0.10	EPA 8270E	9-5-23	9-5-23	
bis(2-Chloroethyl)ether	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
2-Chlorophenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
1,3-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
1,4-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Benzyl alcohol	**ND**	0.041	EPA 8270E	9-5-23	9-5-23	
1,2-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
2-Methylphenol (o-Cresol)	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
bis(2-Chloroisopropyl)ether	**ND**	0.014	EPA 8270E	9-5-23	9-5-23	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
n-Nitroso-di-n-propylamine	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Hexachloroethane	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Nitrobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Isophorone	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
2-Nitrophenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
2,4-Dimethylphenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
bis(2-Chloroethoxy)methane	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
2,4-Dichlorophenol	**ND**	0.041	EPA 8270E	9-5-23	9-5-23	
1,2,4-Trichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Naphthalene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
4-Chloroaniline	**ND**	0.041	EPA 8270E	9-5-23	9-5-23	
Hexachlorobutadiene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
4-Chloro-3-methylphenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
2-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
1-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Hexachlorocyclopentadiene	**ND**	0.087	EPA 8270E	9-5-23	9-5-23	
2,4,6-Trichlorophenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
2,3-Dichloroaniline	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
2,4,5-Trichlorophenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
2-Chloronaphthalene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
2-Nitroaniline	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
1,4-Dinitrobenzene	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
Dimethylphthalate	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
1,3-Dinitrobenzene	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
2,6-Dinitrotoluene	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
1,2-Dinitrobenzene	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
Acenaphthylene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
3-Nitroaniline	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-010
Project: WO-01 - Import Fill Sample

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-04**					
Laboratory ID:	09-010-04					
2,4-Dinitrophenol	**ND**	0.25	EPA 8270E	9-5-23	9-5-23	
Acenaphthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
4-Nitrophenol	**ND**	0.029	EPA 8270E	9-5-23	9-5-23	
2,4-Dinitrotoluene	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
Dibenzofuran	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
2,3,5,6-Tetrachlorophenol	**ND**	0.028	EPA 8270E	9-5-23	9-5-23	
2,3,4,6-Tetrachlorophenol	**ND**	0.029	EPA 8270E	9-5-23	9-5-23	
Diethylphthalate	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
4-Chlorophenyl-phenylether	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
4-Nitroaniline	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
Fluorene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
4,6-Dinitro-2-methylphenol	**ND**	0.068	EPA 8270E	9-5-23	9-5-23	
n-Nitrosodiphenylamine	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
1,2-Diphenylhydrazine	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
4-Bromophenyl-phenylether	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Hexachlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Pentachlorophenol	**ND**	0.083	EPA 8270E	9-5-23	9-5-23	
Phenanthrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Anthracene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Carbazole	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Di-n-butylphthalate	**ND**	0.10	EPA 8270E	9-5-23	9-5-23	
Fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Pyrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Butylbenzylphthalate	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
bis-2-Ethylhexyladipate	**ND**	0.10	EPA 8270E	9-5-23	9-5-23	
3,3'-Dichlorobenzidine	**ND**	0.10	EPA 8270E	9-5-23	9-5-23	
Benzo[a]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Chrysene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	9-5-23	9-5-23	
Di-n-octylphthalate	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
Benzo[b]fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Benzo(j,k)fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Benzo[a]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Dibenz[a,h]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Benzo[g,h,i]perylene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*67*	*11 - 111*				
Phenol-d6	*67*	*26 - 117*				
Nitrobenzene-d5	*71*	*31 - 111*				
2-Fluorobiphenyl	*88*	*38 - 109*				
2,4,6-Tribromophenol	*88*	*27 - 127*				
Terphenyl-d14	*89*	*37 - 116*				

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-010
Project: WO-01 - Import Fill Sample

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-05**					
Laboratory ID:	09-010-05					
n-Nitrosodimethylamine	**ND**	0.026	EPA 8270E	9-5-23	9-5-23	
Pyridine	**ND**	0.20	EPA 8270E	9-5-23	9-5-23	
Phenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
Aniline	**ND**	0.10	EPA 8270E	9-5-23	9-5-23	
bis(2-Chloroethyl)ether	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
2-Chlorophenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
1,3-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
1,4-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Benzyl alcohol	**ND**	0.041	EPA 8270E	9-5-23	9-5-23	
1,2-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
2-Methylphenol (o-Cresol)	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
bis(2-Chloroisopropyl)ether	**ND**	0.014	EPA 8270E	9-5-23	9-5-23	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
n-Nitroso-di-n-propylamine	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Hexachloroethane	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Nitrobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Isophorone	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
2-Nitrophenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
2,4-Dimethylphenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
bis(2-Chloroethoxy)methane	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
2,4-Dichlorophenol	**ND**	0.041	EPA 8270E	9-5-23	9-5-23	
1,2,4-Trichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Naphthalene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
4-Chloroaniline	**ND**	0.041	EPA 8270E	9-5-23	9-5-23	
Hexachlorobutadiene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
4-Chloro-3-methylphenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
2-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
1-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Hexachlorocyclopentadiene	**ND**	0.087	EPA 8270E	9-5-23	9-5-23	
2,4,6-Trichlorophenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
2,3-Dichloroaniline	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
2,4,5-Trichlorophenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
2-Chloronaphthalene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
2-Nitroaniline	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
1,4-Dinitrobenzene	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
Dimethylphthalate	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
1,3-Dinitrobenzene	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
2,6-Dinitrotoluene	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
1,2-Dinitrobenzene	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
Acenaphthylene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
3-Nitroaniline	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-010
Project: WO-01 - Import Fill Sample

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-05**					
Laboratory ID:	09-010-05					
2,4-Dinitrophenol	**ND**	0.25	EPA 8270E	9-5-23	9-5-23	
Acenaphthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
4-Nitrophenol	**ND**	0.029	EPA 8270E	9-5-23	9-5-23	
2,4-Dinitrotoluene	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
Dibenzofuran	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
2,3,5,6-Tetrachlorophenol	**ND**	0.028	EPA 8270E	9-5-23	9-5-23	
2,3,4,6-Tetrachlorophenol	**ND**	0.029	EPA 8270E	9-5-23	9-5-23	
Diethylphthalate	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
4-Chlorophenyl-phenylether	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
4-Nitroaniline	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
Fluorene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
4,6-Dinitro-2-methylphenol	**ND**	0.068	EPA 8270E	9-5-23	9-5-23	
n-Nitrosodiphenylamine	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
1,2-Diphenylhydrazine	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
4-Bromophenyl-phenylether	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Hexachlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Pentachlorophenol	**ND**	0.083	EPA 8270E	9-5-23	9-5-23	
Phenanthrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Anthracene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Carbazole	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Di-n-butylphthalate	**ND**	0.10	EPA 8270E	9-5-23	9-5-23	
Fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Pyrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Butylbenzylphthalate	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
bis-2-Ethylhexyladipate	**ND**	0.10	EPA 8270E	9-5-23	9-5-23	
3,3'-Dichlorobenzidine	**ND**	0.10	EPA 8270E	9-5-23	9-5-23	
Benzo[a]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Chrysene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	9-5-23	9-5-23	
Di-n-octylphthalate	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
Benzo[b]fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Benzo(j,k)fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Benzo[a]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Dibenz[a,h]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Benzo[g,h,i]perylene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*67*	*11 - 111*				
Phenol-d6	*65*	*26 - 117*				
Nitrobenzene-d5	*65*	*31 - 111*				
2-Fluorobiphenyl	*82*	*38 - 109*				
2,4,6-Tribromophenol	*79*	*27 - 127*				
Terphenyl-d14	*81*	*37 - 116*				

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-010
Project: WO-01 - Import Fill Sample

SEMIVOLATILE ORGANICS EPA 8270E/SIM
QUALITY CONTROL
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0905S2					
n-Nitrosodimethylamine	**ND**	0.025	EPA 8270E	9-5-23	9-5-23	
Pyridine	**ND**	0.20	EPA 8270E	9-5-23	9-5-23	
Phenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
Aniline	**ND**	0.10	EPA 8270E	9-5-23	9-5-23	
bis(2-Chloroethyl)ether	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
2-Chlorophenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
1,3-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
1,4-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Benzyl alcohol	**ND**	0.040	EPA 8270E	9-5-23	9-5-23	
1,2-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
2-Methylphenol (o-Cresol)	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
bis(2-Chloroisopropyl)ether	**ND**	0.014	EPA 8270E	9-5-23	9-5-23	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
n-Nitroso-di-n-propylamine	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Hexachloroethane	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Nitrobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Isophorone	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
2-Nitrophenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
2,4-Dimethylphenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
bis(2-Chloroethoxy)methane	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
2,4-Dichlorophenol	**ND**	0.040	EPA 8270E	9-5-23	9-5-23	
1,2,4-Trichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Naphthalene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
4-Chloroaniline	**ND**	0.040	EPA 8270E	9-5-23	9-5-23	
Hexachlorobutadiene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
4-Chloro-3-methylphenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
2-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
1-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Hexachlorocyclopentadiene	**ND**	0.086	EPA 8270E	9-5-23	9-5-23	
2,4,6-Trichlorophenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
2,3-Dichloroaniline	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
2,4,5-Trichlorophenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
2-Chloronaphthalene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
2-Nitroaniline	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
1,4-Dinitrobenzene	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
Dimethylphthalate	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
1,3-Dinitrobenzene	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
2,6-Dinitrotoluene	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
1,2-Dinitrobenzene	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
Acenaphthylene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
3-Nitroaniline	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-010
Project: WO-01 - Import Fill Sample

SEMIVOLATILE ORGANICS EPA 8270E/SIM
QUALITY CONTROL
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0905S2					
2,4-Dinitrophenol	**ND**	0.24	EPA 8270E	9-5-23	9-5-23	
Acenaphthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
4-Nitrophenol	**ND**	0.028	EPA 8270E	9-5-23	9-5-23	
2,4-Dinitrotoluene	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
Dibenzofuran	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
2,3,5,6-Tetrachlorophenol	**ND**	0.028	EPA 8270E	9-5-23	9-5-23	
2,3,4,6-Tetrachlorophenol	**ND**	0.028	EPA 8270E	9-5-23	9-5-23	
Diethylphthalate	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
4-Chlorophenyl-phenylether	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
4-Nitroaniline	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
Fluorene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
4,6-Dinitro-2-methylphenol	**ND**	0.067	EPA 8270E	9-5-23	9-5-23	
n-Nitrosodiphenylamine	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
1,2-Diphenylhydrazine	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
4-Bromophenyl-phenylether	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Hexachlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Pentachlorophenol	**ND**	0.081	EPA 8270E	9-5-23	9-5-23	
Phenanthrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Anthracene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Carbazole	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Di-n-butylphthalate	**ND**	0.10	EPA 8270E	9-5-23	9-5-23	
Fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Pyrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Butylbenzylphthalate	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
bis-2-Ethylhexyladipate	**ND**	0.10	EPA 8270E	9-5-23	9-5-23	
3,3'-Dichlorobenzidine	**ND**	0.10	EPA 8270E	9-5-23	9-5-23	
Benzo[a]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Chrysene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	9-5-23	9-5-23	
Di-n-octylphthalate	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
Benzo[b]fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Benzo(j,k)fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Benzo[a]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Dibenz[a,h]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Benzo[g,h,i]perylene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*34*	*11 - 111*				
Phenol-d6	*34*	*26 - 117*				
Nitrobenzene-d5	*33*	*31 - 111*				
2-Fluorobiphenyl	*38*	*38 - 109*				
2,4,6-Tribromophenol	*37*	*27 - 127*				
Terphenyl-d14	*42*	*37 - 116*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-010
Project: WO-01 - Import Fill Sample

SEMIVOLATILE ORGANICS EPA 8270E/SIM
QUALITY CONTROL
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0905S2									
	SB	SBD	SB	SBD	SB	SBD				
n-Nitrosodimethylamine	**0.274**	**0.263**	0.667	0.667	41	39	20 - 120	4	30	
Pyridine	**0.139**	**0.121**	0.667	0.667	21	18	20 - 120	14	30	I
Phenol	**0.325**	**0.292**	0.667	0.667	49	44	49 - 109	11	23	I,I
Aniline	**0.284**	**0.267**	0.667	0.667	43	40	20 - 120	6	30	
bis(2-Chloroethyl)ether	**0.311**	**0.286**	0.667	0.667	47	43	20 - 120	8	30	
2-Chlorophenol	**0.327**	**0.302**	0.667	0.667	49	45	52 - 105	8	26	I,I
1,3-Dichlorobenzene	**0.296**	**0.289**	0.667	0.667	44	43	20 - 120	2	30	
1,4-Dichlorobenzene	**0.312**	**0.279**	0.667	0.667	47	42	51 - 102	11	28	I,I
Benzyl alcohol	**0.375**	**0.338**	0.667	0.667	56	51	20 - 120	10	30	
1,2-Dichlorobenzene	**0.311**	**0.303**	0.667	0.667	47	45	20 - 120	3	30	
2-Methylphenol (o-Cresol)	**0.357**	**0.319**	0.667	0.667	54	48	20 - 120	11	30	
bis(2-Chloroisopropyl)ether	**0.242**	**0.203**	0.667	0.667	36	30	20 - 120	18	30	
(3+4)-Methylphenol (m,p-Cresol)	**0.381**	**0.345**	0.667	0.667	57	52	20 - 120	10	30	
n-Nitroso-di-n-propylamine	**0.327**	**0.298**	0.667	0.667	49	45	46 - 111	9	25	I
Hexachloroethane	**0.285**	**0.261**	0.667	0.667	43	39	20 - 120	9	30	
Nitrobenzene	**0.301**	**0.295**	0.667	0.667	45	44	20 - 120	2	30	
Isophorone	**0.352**	**0.350**	0.667	0.667	53	52	20 - 120	1	30	
2-Nitrophenol	**0.362**	**0.342**	0.667	0.667	54	51	20 - 120	6	30	
2,4-Dimethylphenol	**0.406**	**0.402**	0.667	0.667	61	60	20 - 120	1	30	
bis(2-Chloroethoxy)methane	**0.328**	**0.329**	0.667	0.667	49	49	20 - 120	0	30	
2,4-Dichlorophenol	**0.383**	**0.385**	0.667	0.667	57	58	20 - 120	1	30	
1,2,4-Trichlorobenzene	**0.336**	**0.329**	0.667	0.667	50	49	52 - 106	2	28	I,I
Naphthalene	**0.335**	**0.339**	0.667	0.667	50	51	20 - 120	1	30	
4-Chloroaniline	**0.344**	**0.344**	0.667	0.667	52	52	20 - 120	0	30	
Hexachlorobutadiene	**0.308**	**0.289**	0.667	0.667	46	43	20 - 120	6	30	
4-Chloro-3-methylphenol	**0.361**	**0.361**	0.667	0.667	54	54	54 - 112	0	20	
2-Methylnaphthalene	**0.371**	**0.379**	0.667	0.667	56	57	20 - 120	2	30	
1-Methylnaphthalene	**0.378**	**0.378**	0.667	0.667	57	57	20 - 120	0	30	
Hexachlorocyclopentadiene	**0.335**	**0.335**	0.667	0.667	50	50	20 - 120	0	30	
2,4,6-Trichlorophenol	**0.413**	**0.427**	0.667	0.667	62	64	20 - 120	3	30	
2,3-Dichloroaniline	**0.371**	**0.399**	0.667	0.667	56	60	20 - 120	7	30	
2,4,5-Trichlorophenol	**0.386**	**0.397**	0.667	0.667	58	60	20 - 120	3	30	
2-Chloronaphthalene	**0.395**	**0.374**	0.667	0.667	59	56	20 - 120	5	30	
2-Nitroaniline	**0.348**	**0.386**	0.667	0.667	52	58	20 - 120	10	30	
1,4-Dinitrobenzene	**0.453**	**0.450**	0.667	0.667	68	67	20 - 120	1	30	
Dimethylphthalate	**0.418**	**0.417**	0.667	0.667	63	63	20 - 120	0	30	
1,3-Dinitrobenzene	**0.428**	**0.458**	0.667	0.667	64	69	20 - 120	7	30	
2,6-Dinitrotoluene	**0.419**	**0.430**	0.667	0.667	63	64	20 - 120	3	30	
1,2-Dinitrobenzene	**0.395**	**0.444**	0.667	0.667	59	67	20 - 120	12	30	
Acenaphthylene	**0.397**	**0.425**	0.667	0.667	60	64	20 - 120	7	30	
3-Nitroaniline	**0.426**	**0.428**	0.667	0.667	64	64	20 - 120	0	30	

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-010
Project: WO-01 - Import Fill Sample

SEMIVOLATILE ORGANICS EPA 8270E/SIM
QUALITY CONTROL
page 2 of 2

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0905S2									
	SB	SBD	SB	SBD	SB	SBD				
2,4-Dinitrophenol	**0.297**	**0.285**	0.667	0.667	45	43	20 - 120	4	30	
Acenaphthene	**0.386**	**0.394**	0.667	0.667	58	59	55 - 101	2	20	
4-Nitrophenol	**0.356**	**0.360**	0.667	0.667	53	54	34 - 136	1	22	
2,4-Dinitrotoluene	**0.424**	**0.407**	0.667	0.667	64	61	51 - 111	4	21	
Dibenzofuran	**0.421**	**0.418**	0.667	0.667	63	63	20 - 120	1	30	
2,3,5,6-Tetrachlorophenol	**0.377**	**0.356**	0.667	0.667	57	53	20 - 120	6	30	
2,3,4,6-Tetrachlorophenol	**0.402**	**0.416**	0.667	0.667	60	62	20 - 120	3	30	
Diethylphthalate	**0.428**	**0.440**	0.667	0.667	64	66	20 - 120	3	30	
4-Chlorophenyl-phenylether	**0.428**	**0.426**	0.667	0.667	64	64	20 - 120	0	30	
4-Nitroaniline	**0.371**	**0.395**	0.667	0.667	56	59	20 - 120	6	30	
Fluorene	**0.418**	**0.439**	0.667	0.667	63	66	20 - 120	5	30	
4,6-Dinitro-2-methylphenol	**0.315**	**0.333**	0.667	0.667	47	50	20 - 120	6	30	
n-Nitrosodiphenylamine	**0.419**	**0.400**	0.667	0.667	63	60	20 - 120	5	30	
1,2-Diphenylhydrazine	**0.398**	**0.414**	0.667	0.667	60	62	20 - 120	4	30	
4-Bromophenyl-phenylether	**0.407**	**0.427**	0.667	0.667	61	64	20 - 120	5	30	
Hexachlorobenzene	**0.418**	**0.434**	0.667	0.667	63	65	20 - 120	4	30	
Pentachlorophenol	**0.342**	**0.320**	0.667	0.667	51	48	34 - 134	7	23	
Phenanthrene	**0.423**	**0.421**	0.667	0.667	63	63	20 - 120	0	30	
Anthracene	**0.433**	**0.428**	0.667	0.667	65	64	20 - 120	1	30	
Carbazole	**0.405**	**0.408**	0.667	0.667	61	61	20 - 120	1	30	
Di-n-butylphthalate	**0.421**	**0.392**	0.667	0.667	63	59	20 - 120	7	30	
Fluoranthene	**0.435**	**0.432**	0.667	0.667	65	65	20 - 120	1	30	
Pyrene	**0.424**	**0.410**	0.667	0.667	64	61	53 - 113	3	20	
Butylbenzylphthalate	**0.394**	**0.399**	0.667	0.667	59	60	20 - 120	1	30	
bis-2-Ethylhexyladipate	**0.387**	**0.384**	0.667	0.667	58	58	20 - 120	1	30	
3,3'-Dichlorobenzidine	**0.396**	**0.380**	0.667	0.667	59	57	20 - 120	4	30	
Benzo[a]anthracene	**0.420**	**0.417**	0.667	0.667	63	63	20 - 120	1	30	
Chrysene	**0.417**	**0.402**	0.667	0.667	63	60	20 - 120	4	30	
bis(2-Ethylhexyl)phthalate	**0.406**	**0.395**	0.667	0.667	61	59	20 - 120	3	30	
Di-n-octylphthalate	**0.408**	**0.413**	0.667	0.667	61	62	20 - 120	1	30	
Benzo[b]fluoranthene	**0.439**	**0.406**	0.667	0.667	66	61	20 - 120	8	30	
Benzo(j,k)fluoranthene	**0.423**	**0.414**	0.667	0.667	63	62	20 - 120	2	30	
Benzo[a]pyrene	**0.437**	**0.428**	0.667	0.667	66	64	20 - 120	2	30	
Indeno[1,2,3-cd]pyrene	**0.427**	**0.425**	0.667	0.667	64	64	20 - 120	0	30	
Dibenz[a,h]anthracene	**0.429**	**0.429**	0.667	0.667	64	64	20 - 120	0	30	
Benzo[g,h,i]perylene	**0.425**	**0.415**	0.667	0.667	64	62	20 - 120	2	30	
Surrogate:										
2-Fluorophenol					*51*	*47*	*11 - 111*			
Phenol-d6					*56*	*50*	*26 - 117*			
Nitrobenzene-d5					*48*	*48*	*31 - 111*			
2-Fluorobiphenyl					*66*	*66*	*38 - 109*			
2,4,6-Tribromophenol					*66*	*71*	*27 - 127*			
Terphenyl-d14					*68*	*69*	*37 - 116*			

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-010
Project: WO-01 - Import Fill Sample

PCBs EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-01**					
Laboratory ID:	09-010-01					
Aroclor 1016	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1221	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1232	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1242	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1248	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1254	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1260	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1262	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1268	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*95*	*50-127*				
Client ID:	**FS-090123-02**					
Laboratory ID:	09-010-02					
Aroclor 1016	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1221	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1232	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1242	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1248	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1254	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1260	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1262	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1268	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*98*	*50-127*				
Client ID:	**FS-090123-03**					
Laboratory ID:	09-010-03					
Aroclor 1016	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1221	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1232	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1242	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1248	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1254	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1260	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1262	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1268	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*89*	*50-127*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-010
Project: WO-01 - Import Fill Sample

PCBs EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-04**					
Laboratory ID:	09-010-04					
Aroclor 1016	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1221	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1232	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1242	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1248	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1254	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1260	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1262	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1268	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*81*	*50-127*				
Client ID:	**FS-090123-05**					
Laboratory ID:	09-010-05					
Aroclor 1016	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1221	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1232	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1242	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1248	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1254	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1260	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1262	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1268	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*90*	*50-127*				

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-010
Project: WO-01 - Import Fill Sample

PCBs EPA 8082A
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0905S1					
Aroclor 1016	**ND**	0.0040	EPA 8082A	9-5-23	9-5-23	
Aroclor 1221	**ND**	0.0040	EPA 8082A	9-5-23	9-5-23	
Aroclor 1232	**ND**	0.0040	EPA 8082A	9-5-23	9-5-23	
Aroclor 1242	**ND**	0.0040	EPA 8082A	9-5-23	9-5-23	
Aroclor 1248	**ND**	0.0040	EPA 8082A	9-5-23	9-5-23	
Aroclor 1254	**ND**	0.0040	EPA 8082A	9-5-23	9-5-23	
Aroclor 1260	**ND**	0.0040	EPA 8082A	9-5-23	9-5-23	
Aroclor 1262	**ND**	0.0040	EPA 8082A	9-5-23	9-5-23	
Aroclor 1268	**ND**	0.0040	EPA 8082A	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*91*	*50-127*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS											
Laboratory ID:	SB0905S1										
	SB	SBD	SB	SBD		SB	SBD				
Aroclor 1260	**0.439**	**0.438**	0.500	0.500	N/A	**88**	**88**	55-119	0	34	
Surrogate:											
DCB						*86*	*82*	*50-127*			

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-010
Project: WO-01 - Import Fill Sample

TOTAL METALS
EPA 6020B/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-01**					
Laboratory ID:	09-010-01					
Arsenic	**2.6**	0.51	EPA 6020B	9-5-23	9-5-23	
Cadmium	**ND**	0.051	EPA 6020B	9-5-23	9-5-23	
Chromium	**13**	0.51	EPA 6020B	9-5-23	9-5-23	
Cobalt	**5.7**	0.13	EPA 6020B	9-5-23	9-5-23	
Copper	**15**	0.51	EPA 6020B	9-5-23	9-5-23	
Lead	**2.1**	0.51	EPA 6020B	9-5-23	9-5-23	
Mercury	**ND**	0.051	EPA 7471B	9-5-23	9-5-23	
Nickel	**18**	2.6	EPA 6020B	9-5-23	9-5-23	
Selenium	**ND**	0.13	EPA 6020B	9-5-23	9-5-23	
Silver	**0.079**	0.051	EPA 6020B	9-5-23	9-5-23	
Vanadium	**19**	2.6	EPA 6020B	9-5-23	9-5-23	
Zinc	**26**	2.6	EPA 6020B	9-5-23	9-5-23	
Client ID:	**FS-090123-02**					
Laboratory ID:	09-010-02					
Arsenic	**2.1**	0.51	EPA 6020B	9-5-23	9-5-23	
Cadmium	**ND**	0.051	EPA 6020B	9-5-23	9-5-23	
Chromium	**11**	0.51	EPA 6020B	9-5-23	9-5-23	
Cobalt	**4.8**	0.13	EPA 6020B	9-5-23	9-5-23	
Copper	**13**	0.51	EPA 6020B	9-5-23	9-5-23	
Lead	**1.4**	0.51	EPA 6020B	9-5-23	9-5-23	
Mercury	**ND**	0.051	EPA 7471B	9-5-23	9-5-23	
Nickel	**14**	0.51	EPA 6020B	9-5-23	9-5-23	
Selenium	**ND**	0.13	EPA 6020B	9-5-23	9-5-23	
Silver	**ND**	0.051	EPA 6020B	9-5-23	9-5-23	
Vanadium	**15**	0.51	EPA 6020B	9-5-23	9-5-23	
Zinc	**18**	0.51	EPA 6020B	9-5-23	9-5-23	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-010
Project: WO-01 - Import Fill Sample

TOTAL METALS
EPA 6020B/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-03**					
Laboratory ID:	09-010-03					
Arsenic	**2.5**	0.51	EPA 6020B	9-5-23	9-5-23	
Cadmium	**ND**	0.051	EPA 6020B	9-5-23	9-5-23	
Chromium	**13**	0.51	EPA 6020B	9-5-23	9-5-23	
Cobalt	**5.7**	0.13	EPA 6020B	9-5-23	9-5-23	
Copper	**15**	0.51	EPA 6020B	9-5-23	9-5-23	
Lead	**1.9**	0.51	EPA 6020B	9-5-23	9-5-23	
Mercury	**ND**	0.051	EPA 7471B	9-5-23	9-5-23	
Nickel	**17**	0.51	EPA 6020B	9-5-23	9-5-23	
Selenium	**ND**	0.13	EPA 6020B	9-5-23	9-5-23	
Silver	**ND**	0.051	EPA 6020B	9-5-23	9-5-23	
Vanadium	**19**	0.51	EPA 6020B	9-5-23	9-5-23	
Zinc	**25**	0.51	EPA 6020B	9-5-23	9-5-23	
Client ID:	**FS-090123-04**					
Laboratory ID:	09-010-04					
Arsenic	**2.7**	0.51	EPA 6020B	9-5-23	9-5-23	
Cadmium	**ND**	0.051	EPA 6020B	9-5-23	9-5-23	
Chromium	**14**	0.51	EPA 6020B	9-5-23	9-5-23	
Cobalt	**6.2**	0.13	EPA 6020B	9-5-23	9-5-23	
Copper	**17**	0.51	EPA 6020B	9-5-23	9-5-23	
Lead	**1.8**	0.51	EPA 6020B	9-5-23	9-5-23	
Mercury	**ND**	0.051	EPA 7471B	9-5-23	9-5-23	
Nickel	**20**	0.51	EPA 6020B	9-5-23	9-5-23	
Selenium	**0.16**	0.13	EPA 6020B	9-5-23	9-5-23	
Silver	**ND**	0.051	EPA 6020B	9-5-23	9-5-23	
Vanadium	**20**	0.51	EPA 6020B	9-5-23	9-5-23	
Zinc	**23**	1.0	EPA 6020B	9-5-23	9-5-23	

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-010
Project: WO-01 - Import Fill Sample

TOTAL METALS
EPA 6020B/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-05**					
Laboratory ID:	09-010-05					
Arsenic	**2.0**	0.51	EPA 6020B	9-5-23	9-6-23	
Cadmium	**ND**	0.051	EPA 6020B	9-5-23	9-5-23	
Chromium	**7.7**	0.51	EPA 6020B	9-5-23	9-6-23	
Cobalt	**3.6**	0.13	EPA 6020B	9-5-23	9-6-23	
Copper	**10**	0.51	EPA 6020B	9-5-23	9-6-23	
Lead	**1.4**	0.51	EPA 6020B	9-5-23	9-6-23	
Mercury	**ND**	0.051	EPA 7471B	9-5-23	9-5-23	
Nickel	**12**	0.51	EPA 6020B	9-5-23	9-6-23	
Selenium	**ND**	0.13	EPA 6020B	9-5-23	9-5-23	
Silver	**ND**	0.051	EPA 6020B	9-5-23	9-5-23	
Vanadium	**11**	0.51	EPA 6020B	9-5-23	9-6-23	
Zinc	**18**	0.51	EPA 6020B	9-5-23	9-6-23	

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-010
Project: WO-01 - Import Fill Sample

TOTAL METALS
EPA 6020B/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0905SM1					
Arsenic	**ND**	0.500	EPA 6020B	9-5-23	9-5-23	
Cadmium	**ND**	0.0500	EPA 6020B	9-5-23	9-5-23	
Chromium	**ND**	0.500	EPA 6020B	9-5-23	9-5-23	
Cobalt	**ND**	0.125	EPA 6020B	9-5-23	9-5-23	
Copper	**ND**	0.500	EPA 6020B	9-5-23	9-5-23	
Lead	**ND**	0.500	EPA 6020B	9-5-23	9-5-23	
Nickel	**ND**	0.500	EPA 6020B	9-5-23	9-5-23	
Selenium	**ND**	0.125	EPA 6020B	9-5-23	9-5-23	
Silver	**ND**	0.0500	EPA 6020B	9-5-23	9-5-23	
Vanadium	**ND**	0.500	EPA 6020B	9-5-23	9-5-23	
Zinc	**ND**	0.500	EPA 6020B	9-5-23	9-5-23	
Laboratory ID:	MB0905S1					
Mercury	**ND**	0.0500	EPA 7471B	9-5-23	9-5-23	

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-010
Project: WO-01 - Import Fill Sample

TOTAL METALS
EPA 6020B/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	09-010-01										
	ORIG	DUP									
Arsenic	**2.55**	**2.34**	NA	NA		NA		NA	9	20	
Cadmium	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Chromium	**12.9**	**11.2**	NA	NA		NA		NA	14	20	
Cobalt	**5.58**	**5.30**	NA	NA		NA		NA	5	20	
Copper	**14.9**	**13.6**	NA	NA		NA		NA	9	20	
Lead	**2.01**	**1.85**	NA	NA		NA		NA	8	20	
Nickel	**17.4**	**16.0**	NA	NA		NA		NA	8	20	
Selenium	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Silver	**0.0770**	**ND**	NA	NA		NA		NA	NA	20	
Vanadium	**18.3**	**16.0**	NA	NA		NA		NA	13	20	
Zinc	**25.6**	**22.9**	NA	NA		NA		NA	11	20	
Laboratory ID:	08-358-03										
Mercury	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	09-010-01										
	MS	MSD	MS	MSD		MS	MSD				
Arsenic	**96.5**	**99.5**	100	100	2.55	**94**	**97**	75-125	3	20	
Cadmium	**52.0**	**52.0**	50.0	50.0	ND	**104**	**104**	75-125	0	20	
Chromium	**105**	**104**	100	100	12.9	**92**	**91**	75-125	0	20	
Cobalt	**59.5**	**57.0**	50.0	50.0	5.58	**108**	**103**	75-125	4	20	
Copper	**66.5**	**66.0**	50.0	50.0	14.9	**103**	**102**	75-125	1	20	
Lead	**249**	**252**	250	250	2.01	**99**	**100**	75-125	1	20	
Nickel	**120**	**120**	100	100	17.4	**103**	**103**	75-125	0	20	
Selenium	**102**	**98.5**	100	100	ND	**102**	**99**	75-125	3	20	
Silver	**45.8**	**45.5**	50.0	50.0	0.0770	**91**	**91**	75-125	1	20	
Vanadium	**60.0**	**60.5**	50.0	50.0	18.3	**84**	**85**	75-125	1	20	
Zinc	**123**	**122**	100	100	25.6	**97**	**96**	75-125	1	20	
Laboratory ID:	08-358-03										
Mercury	**0.515**	**0.514**	0.500	0.500	0.0482	**93**	**93**	80-120	0	20	

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-010
Project: WO-01 - Import Fill Sample

% MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
FS-090123-01	09-010-01	**2**	9-5-23
FS-090123-02	09-010-02	**2**	9-5-23
FS-090123-03	09-010-03	**2**	9-5-23
FS-090123-04	09-010-04	**2**	9-5-23
FS-090123-05	09-010-05	**2**	9-5-23

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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Chain of Custody

Page 1 of 1

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: DH Environmental, Inc.

Project Number: WO-01 - Import Fill Sampling

Project Name: Former Jorgensen Forge Facility

Project Manager: David Hill

Sampled by: Travis Forslund

Turnaround Request (in working days)

(Check One)

☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☐ Standard (7 Days)
☒ Best Available
(other)

Laboratory Number: 09-010

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (SG Clean-up☐)	Volatiles 8260 8260C	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082 8082A	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664	TOTAL METALS - SEE METALS LIST IN COMMENTS				% Moisture
1	FS-090123-01	9/1/23	1231	Soil	5			X	X	X			X		X								X				X
2	FS-090123-02	9/1/23	1235	Soil	5			X	X	X			X		X								X				X
3	FS-090123-03	9/1/23	1239	Soil	5			X	X	X			X		X								X				X
4	FS-090123-04	9/1/23	1243	Soil	5			X	X	X			X		X								X				X
5	FS-090123-05	9/1/23	1247	Soil	5			X	X	X			X		X								X				X

	Signature	Company	Date	Time
Relinquished		DH Environmental, Inc.	9/1/23	1455
Received		ALPHA	9/1/23	1455
Relinquished		ALPHA	9/1/23	1544
Received		ALPHA	9/1/23	1544
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Total Metals: arsenic (As), cadmium (Cd), chromium (Cr), copper (Cu), lead (Pb), mercury (Hg), nickel (Ni), selenium (Se), silver (Ag), vanadium (V), zinc (Zn) and cobalt (Co) by EPA Methods 200.8/6020.

Please send results to: data@dhenviro.com; davehill@dhenviro.com, nathan.moxley@dhenviro.com

Data Package: Standard ☒ Level III ☐ Level IV ☐

Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☒

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

September 6, 2023

David Hill
DH Environmental, Inc.
1011 SW Klickitat Way, Suite 107
Seattle, WA 98103

Re: Analytical Data for Project WO-01 - Import Fill Sampling
Laboratory Reference No. 2309-011

Dear David:

Enclosed are the analytical results and associated quality control data for samples submitted on September 1, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-011
Project: WO-01 - Import Fill Sampling

Case Narrative

Samples were collected on September 1, 2023 and received by the laboratory on September 1, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Volatiles EPA 8260D Analysis

The percent recovery for 1,1-Dichloropropene and 1,2,4-Trichlorobenzene is outside the control limits in the Spike Blank and Spike Blank Duplicate. The method allows for a percentage of the compounds to fall outside of the control limits due to the large number of analytes being spiked.

Semivolatiles EPA 8270E/SIM Analysis

The percent recovery for Pyridine, Phenol, 2-Chlorophenol, 1,4-Dichlorobenzene, n-Nitroso-di-n-propylamine, and 1,2,4-Trichlorobenzene is outside the control limits in the Spike Blank (or Spike Blank Duplicate). The method allows for a percentage of the compounds to fall outside of the control limits due to the large number of analytes being spiked.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-011
Project: WO-01 - Import Fill Sampling

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-06**					
Laboratory ID:	09-011-01					
Gasoline	**ND**	2.3	NWTPH-Gx	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*84*	*65-126*				
Client ID:	**FS-090123-07**					
Laboratory ID:	09-011-02					
Gasoline	**ND**	2.5	NWTPH-Gx	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*85*	*65-126*				
Client ID:	**FS-090123-08**					
Laboratory ID:	09-011-03					
Gasoline	**ND**	2.5	NWTPH-Gx	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*85*	*65-126*				
Client ID:	**FS-090123-09**					
Laboratory ID:	09-011-04					
Gasoline	**ND**	2.6	NWTPH-Gx	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*87*	*65-126*				
Client ID:	**FS-090123-10**					
Laboratory ID:	09-011-05					
Gasoline	**ND**	2.6	NWTPH-Gx	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*87*	*65-126*				

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-011
Project: WO-01 - Import Fill Sampling

GASOLINE RANGE ORGANICS
NWTPH-Gx
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0905S1					
Gasoline	**ND**	2.5	NWTPH-Gx	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*83*	*65-126*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	09-010-01										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*88*	*86*	*65-126*			

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-011
Project: WO-01 - Import Fill Sampling

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-06**					
Laboratory ID:	09-011-01					
Diesel Range Organics	**ND**	8.5	NWTPH-Dx	9-5-23	9-5-23	
Lube Oil Range Organics	**ND**	17	NWTPH-Dx	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*92*	*50-150*				
Client ID:	**FS-090123-07**					
Laboratory ID:	09-011-02					
Diesel Range Organics	**ND**	8.5	NWTPH-Dx	9-5-23	9-5-23	
Lube Oil Range Organics	**ND**	17	NWTPH-Dx	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*88*	*50-150*				
Client ID:	**FS-090123-08**					
Laboratory ID:	09-011-03					
Diesel Range Organics	**ND**	8.5	NWTPH-Dx	9-5-23	9-5-23	
Lube Oil Range Organics	**ND**	17	NWTPH-Dx	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*90*	*50-150*				
Client ID:	**FS-090123-09**					
Laboratory ID:	09-011-04					
Diesel Range Organics	**ND**	8.5	NWTPH-Dx	9-5-23	9-5-23	
Lube Oil Range Organics	**ND**	17	NWTPH-Dx	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*95*	*50-150*				
Client ID:	**FS-090123-10**					
Laboratory ID:	09-011-05					
Diesel Range Organics	**ND**	8.5	NWTPH-Dx	9-5-23	9-5-23	
Lube Oil Range Organics	**ND**	17	NWTPH-Dx	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*93*	*50-150*				

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-011
Project: WO-01 - Import Fill Sampling

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0905S2					
Diesel Range Organics	**ND**	8.3	NWTPH-Dx	9-5-23	9-5-23	
Lube Oil Range Organics	**ND**	17	NWTPH-Dx	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*83*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	09-012-04									
	ORIG	DUP								
Diesel Range	**ND**	**ND**	NA	NA		NA	NA	NA	40	U1,
Lube Oil	**1470**	**1260**	NA	NA		NA	NA	15	40	
Surrogate:										
o-Terphenyl						*77* *80*	*50-150*			

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-011
Project: WO-01 - Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-06**					
Laboratory ID:	09-011-01					
Dichlorodifluoromethane	ND	0.0014	EPA 8260D	9-5-23	9-5-23	
Chloromethane	ND	0.0014	EPA 8260D	9-5-23	9-5-23	
Vinyl Chloride	ND	0.00064	EPA 8260D	9-5-23	9-5-23	
Bromomethane	ND	0.0013	EPA 8260D	9-5-23	9-5-23	
Chloroethane	ND	0.00096	EPA 8260D	9-5-23	9-5-23	
Trichlorofluoromethane	ND	0.00048	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloroethene	ND	0.00048	EPA 8260D	9-5-23	9-5-23	
Acetone	ND	0.0048	EPA 8260D	9-5-23	9-5-23	
Iodomethane	ND	0.0048	EPA 8260D	9-5-23	9-5-23	
Carbon Disulfide	ND	0.00096	EPA 8260D	9-5-23	9-5-23	
Methylene Chloride	ND	0.0061	EPA 8260D	9-5-23	9-5-23	
(trans) 1,2-Dichloroethene	ND	0.00048	EPA 8260D	9-5-23	9-5-23	
Methyl t-Butyl Ether	ND	0.00096	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloroethane	ND	0.00048	EPA 8260D	9-5-23	9-5-23	
Vinyl Acetate	ND	0.00096	EPA 8260D	9-5-23	9-5-23	
2,2-Dichloropropane	ND	0.00096	EPA 8260D	9-5-23	9-5-23	
(cis) 1,2-Dichloroethene	ND	0.00048	EPA 8260D	9-5-23	9-5-23	
2-Butanone	ND	0.0048	EPA 8260D	9-5-23	9-5-23	
Bromochloromethane	ND	0.00048	EPA 8260D	9-5-23	9-5-23	
Chloroform	ND	0.00048	EPA 8260D	9-5-23	9-5-23	
1,1,1-Trichloroethane	ND	0.00048	EPA 8260D	9-5-23	9-5-23	
Carbon Tetrachloride	ND	0.00096	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloropropene	ND	0.00064	EPA 8260D	9-5-23	9-5-23	
Benzene	ND	0.00048	EPA 8260D	9-5-23	9-5-23	
1,2-Dichloroethane	ND	0.00048	EPA 8260D	9-5-23	9-5-23	
Trichloroethene	ND	0.00048	EPA 8260D	9-5-23	9-5-23	
1,2-Dichloropropane	ND	0.00048	EPA 8260D	9-5-23	9-5-23	
Dibromomethane	ND	0.00048	EPA 8260D	9-5-23	9-5-23	
Bromodichloromethane	ND	0.00096	EPA 8260D	9-5-23	9-5-23	
2-Chloroethyl Vinyl Ether	ND	0.0096	EPA 8260D	9-5-23	9-5-23	
(cis) 1,3-Dichloropropene	ND	0.00096	EPA 8260D	9-5-23	9-5-23	
Methyl Isobutyl Ketone	ND	0.00096	EPA 8260D	9-5-23	9-5-23	
Toluene	ND	0.00096	EPA 8260D	9-5-23	9-5-23	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-011
Project: WO-01 - Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-06**					
Laboratory ID:	09-011-01					
(trans) 1,3-Dichloropropene	ND	0.00096	EPA 8260D	9-5-23	9-5-23	
1,1,2-Trichloroethane	ND	0.00048	EPA 8260D	9-5-23	9-5-23	
Tetrachloroethene	ND	0.00048	EPA 8260D	9-5-23	9-5-23	
1,3-Dichloropropane	ND	0.00048	EPA 8260D	9-5-23	9-5-23	
2-Hexanone	ND	0.00096	EPA 8260D	9-5-23	9-5-23	
Dibromochloromethane	ND	0.00096	EPA 8260D	9-5-23	9-5-23	
1,2-Dibromoethane	ND	0.00048	EPA 8260D	9-5-23	9-5-23	
Chlorobenzene	ND	0.00048	EPA 8260D	9-5-23	9-5-23	
1,1,1,2-Tetrachloroethane	ND	0.00096	EPA 8260D	9-5-23	9-5-23	
Ethylbenzene	ND	0.00048	EPA 8260D	9-5-23	9-5-23	
m,p-Xylene	ND	0.0019	EPA 8260D	9-5-23	9-5-23	
o-Xylene	ND	0.00096	EPA 8260D	9-5-23	9-5-23	
Styrene	ND	0.00096	EPA 8260D	9-5-23	9-5-23	
Bromoform	ND	0.00096	EPA 8260D	9-5-23	9-5-23	
Isopropylbenzene	ND	0.00096	EPA 8260D	9-5-23	9-5-23	
Bromobenzene	ND	0.00096	EPA 8260D	9-5-23	9-5-23	
1,1,2,2-Tetrachloroethane	ND	0.00048	EPA 8260D	9-5-23	9-5-23	
1,2,3-Trichloropropane	ND	0.00096	EPA 8260D	9-5-23	9-5-23	
n-Propylbenzene	ND	0.00048	EPA 8260D	9-5-23	9-5-23	
2-Chlorotoluene	ND	0.00048	EPA 8260D	9-5-23	9-5-23	
4-Chlorotoluene	ND	0.00048	EPA 8260D	9-5-23	9-5-23	
1,3,5-Trimethylbenzene	ND	0.00048	EPA 8260D	9-5-23	9-5-23	
tert-Butylbenzene	ND	0.00048	EPA 8260D	9-5-23	9-5-23	
1,2,4-Trimethylbenzene	ND	0.00048	EPA 8260D	9-5-23	9-5-23	
sec-Butylbenzene	ND	0.00048	EPA 8260D	9-5-23	9-5-23	
1,3-Dichlorobenzene	ND	0.00048	EPA 8260D	9-5-23	9-5-23	
p-Isopropyltoluene	ND	0.00048	EPA 8260D	9-5-23	9-5-23	
1,4-Dichlorobenzene	ND	0.00096	EPA 8260D	9-5-23	9-5-23	
1,2-Dichlorobenzene	ND	0.00048	EPA 8260D	9-5-23	9-5-23	
n-Butylbenzene	ND	0.00048	EPA 8260D	9-5-23	9-5-23	
1,2-Dibromo-3-chloropropane	ND	0.00096	EPA 8260D	9-5-23	9-5-23	
1,2,4-Trichlorobenzene	ND	0.00096	EPA 8260D	9-5-23	9-5-23	
Hexachlorobutadiene	ND	0.00096	EPA 8260D	9-5-23	9-5-23	
Naphthalene	ND	0.00096	EPA 8260D	9-5-23	9-5-23	
1,2,3-Trichlorobenzene	ND	0.00096	EPA 8260D	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*96*	*75-130*				
Toluene-d8	*95*	*78-128*				
4-Bromofluorobenzene	*109*	*71-130*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-011
Project: WO-01 - Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-07**					
Laboratory ID:	09-011-02					
Dichlorodifluoromethane	ND	0.0016	EPA 8260D	9-5-23	9-5-23	
Chloromethane	ND	0.0016	EPA 8260D	9-5-23	9-5-23	
Vinyl Chloride	ND	0.00073	EPA 8260D	9-5-23	9-5-23	
Bromomethane	ND	0.0015	EPA 8260D	9-5-23	9-5-23	
Chloroethane	ND	0.0011	EPA 8260D	9-5-23	9-5-23	
Trichlorofluoromethane	ND	0.00054	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloroethene	ND	0.00054	EPA 8260D	9-5-23	9-5-23	
Acetone	ND	0.0054	EPA 8260D	9-5-23	9-5-23	
Iodomethane	ND	0.0054	EPA 8260D	9-5-23	9-5-23	
Carbon Disulfide	ND	0.0011	EPA 8260D	9-5-23	9-5-23	
Methylene Chloride	ND	0.0069	EPA 8260D	9-5-23	9-5-23	
(trans) 1,2-Dichloroethene	ND	0.00054	EPA 8260D	9-5-23	9-5-23	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloroethane	ND	0.00054	EPA 8260D	9-5-23	9-5-23	
Vinyl Acetate	ND	0.0011	EPA 8260D	9-5-23	9-5-23	
2,2-Dichloropropane	ND	0.0011	EPA 8260D	9-5-23	9-5-23	
(cis) 1,2-Dichloroethene	ND	0.00054	EPA 8260D	9-5-23	9-5-23	
2-Butanone	ND	0.0054	EPA 8260D	9-5-23	9-5-23	
Bromochloromethane	ND	0.00054	EPA 8260D	9-5-23	9-5-23	
Chloroform	ND	0.00054	EPA 8260D	9-5-23	9-5-23	
1,1,1-Trichloroethane	ND	0.00054	EPA 8260D	9-5-23	9-5-23	
Carbon Tetrachloride	ND	0.0011	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloropropene	ND	0.00073	EPA 8260D	9-5-23	9-5-23	
Benzene	ND	0.00054	EPA 8260D	9-5-23	9-5-23	
1,2-Dichloroethane	ND	0.00054	EPA 8260D	9-5-23	9-5-23	
Trichloroethene	ND	0.00054	EPA 8260D	9-5-23	9-5-23	
1,2-Dichloropropane	ND	0.00054	EPA 8260D	9-5-23	9-5-23	
Dibromomethane	ND	0.00054	EPA 8260D	9-5-23	9-5-23	
Bromodichloromethane	ND	0.0011	EPA 8260D	9-5-23	9-5-23	
2-Chloroethyl Vinyl Ether	ND	0.011	EPA 8260D	9-5-23	9-5-23	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260D	9-5-23	9-5-23	
Methyl Isobutyl Ketone	ND	0.0011	EPA 8260D	9-5-23	9-5-23	
Toluene	ND	0.0011	EPA 8260D	9-5-23	9-5-23	

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-011
Project: WO-01 - Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-07**					
Laboratory ID:	09-011-02					
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260D	9-5-23	9-5-23	
1,1,2-Trichloroethane	ND	0.00054	EPA 8260D	9-5-23	9-5-23	
Tetrachloroethene	ND	0.00054	EPA 8260D	9-5-23	9-5-23	
1,3-Dichloropropane	ND	0.00054	EPA 8260D	9-5-23	9-5-23	
2-Hexanone	ND	0.0011	EPA 8260D	9-5-23	9-5-23	
Dibromochloromethane	ND	0.0011	EPA 8260D	9-5-23	9-5-23	
1,2-Dibromoethane	ND	0.00054	EPA 8260D	9-5-23	9-5-23	
Chlorobenzene	ND	0.00054	EPA 8260D	9-5-23	9-5-23	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260D	9-5-23	9-5-23	
Ethylbenzene	ND	0.00054	EPA 8260D	9-5-23	9-5-23	
m,p-Xylene	ND	0.0022	EPA 8260D	9-5-23	9-5-23	
o-Xylene	ND	0.0011	EPA 8260D	9-5-23	9-5-23	
Styrene	ND	0.0011	EPA 8260D	9-5-23	9-5-23	
Bromoform	ND	0.0011	EPA 8260D	9-5-23	9-5-23	
Isopropylbenzene	ND	0.0011	EPA 8260D	9-5-23	9-5-23	
Bromobenzene	ND	0.0011	EPA 8260D	9-5-23	9-5-23	
1,1,2,2-Tetrachloroethane	ND	0.00054	EPA 8260D	9-5-23	9-5-23	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260D	9-5-23	9-5-23	
n-Propylbenzene	ND	0.00054	EPA 8260D	9-5-23	9-5-23	
2-Chlorotoluene	ND	0.00054	EPA 8260D	9-5-23	9-5-23	
4-Chlorotoluene	ND	0.00054	EPA 8260D	9-5-23	9-5-23	
1,3,5-Trimethylbenzene	ND	0.00054	EPA 8260D	9-5-23	9-5-23	
tert-Butylbenzene	ND	0.00054	EPA 8260D	9-5-23	9-5-23	
1,2,4-Trimethylbenzene	ND	0.00054	EPA 8260D	9-5-23	9-5-23	
sec-Butylbenzene	ND	0.00054	EPA 8260D	9-5-23	9-5-23	
1,3-Dichlorobenzene	ND	0.00054	EPA 8260D	9-5-23	9-5-23	
p-Isopropyltoluene	ND	0.00054	EPA 8260D	9-5-23	9-5-23	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260D	9-5-23	9-5-23	
1,2-Dichlorobenzene	ND	0.00054	EPA 8260D	9-5-23	9-5-23	
n-Butylbenzene	ND	0.00054	EPA 8260D	9-5-23	9-5-23	
1,2-Dibromo-3-chloropropane	ND	0.0011	EPA 8260D	9-5-23	9-5-23	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260D	9-5-23	9-5-23	
Hexachlorobutadiene	ND	0.0011	EPA 8260D	9-5-23	9-5-23	
Naphthalene	ND	0.0011	EPA 8260D	9-5-23	9-5-23	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260D	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*86*	*75-130*				
Toluene-d8	*94*	*78-128*				
4-Bromofluorobenzene	*104*	*71-130*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-011
Project: WO-01 - Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-08**					
Laboratory ID:	09-011-03					
Dichlorodifluoromethane	ND	0.0015	EPA 8260D	9-5-23	9-5-23	
Chloromethane	ND	0.0015	EPA 8260D	9-5-23	9-5-23	
Vinyl Chloride	ND	0.00066	EPA 8260D	9-5-23	9-5-23	
Bromomethane	ND	0.0014	EPA 8260D	9-5-23	9-5-23	
Chloroethane	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
Trichlorofluoromethane	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloroethene	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
Acetone	ND	0.0049	EPA 8260D	9-5-23	9-5-23	
Iodomethane	ND	0.0049	EPA 8260D	9-5-23	9-5-23	
Carbon Disulfide	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
Methylene Chloride	ND	0.0063	EPA 8260D	9-5-23	9-5-23	
(trans) 1,2-Dichloroethene	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
Methyl t-Butyl Ether	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloroethane	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
Vinyl Acetate	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
2,2-Dichloropropane	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
(cis) 1,2-Dichloroethene	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
2-Butanone	ND	0.0049	EPA 8260D	9-5-23	9-5-23	
Bromochloromethane	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
Chloroform	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
1,1,1-Trichloroethane	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
Carbon Tetrachloride	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloropropene	ND	0.00066	EPA 8260D	9-5-23	9-5-23	
Benzene	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
1,2-Dichloroethane	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
Trichloroethene	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
1,2-Dichloropropane	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
Dibromomethane	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
Bromodichloromethane	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
2-Chloroethyl Vinyl Ether	ND	0.0099	EPA 8260D	9-5-23	9-5-23	
(cis) 1,3-Dichloropropene	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
Methyl Isobutyl Ketone	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
Toluene	ND	0.00099	EPA 8260D	9-5-23	9-5-23	

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-011
Project: WO-01 - Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-08**					
Laboratory ID:	09-011-03					
(trans) 1,3-Dichloropropene	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
1,1,2-Trichloroethane	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
Tetrachloroethene	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
1,3-Dichloropropane	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
2-Hexanone	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
Dibromochloromethane	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
1,2-Dibromoethane	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
Chlorobenzene	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
1,1,1,2-Tetrachloroethane	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
Ethylbenzene	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
m,p-Xylene	ND	0.0020	EPA 8260D	9-5-23	9-5-23	
o-Xylene	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
Styrene	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
Bromoform	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
Isopropylbenzene	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
Bromobenzene	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
1,1,2,2-Tetrachloroethane	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
1,2,3-Trichloropropane	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
n-Propylbenzene	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
2-Chlorotoluene	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
4-Chlorotoluene	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
1,3,5-Trimethylbenzene	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
tert-Butylbenzene	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
1,2,4-Trimethylbenzene	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
sec-Butylbenzene	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
1,3-Dichlorobenzene	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
p-Isopropyltoluene	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
1,4-Dichlorobenzene	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
1,2-Dichlorobenzene	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
n-Butylbenzene	ND	0.00049	EPA 8260D	9-5-23	9-5-23	
1,2-Dibromo-3-chloropropane	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
1,2,4-Trichlorobenzene	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
Hexachlorobutadiene	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
Naphthalene	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
1,2,3-Trichlorobenzene	ND	0.00099	EPA 8260D	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*86*	*75-130*				
Toluene-d8	*94*	*78-128*				
4-Bromofluorobenzene	*95*	*71-130*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-011
Project: WO-01 - Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-09**					
Laboratory ID:	09-011-04					
Dichlorodifluoromethane	ND	0.0013	EPA 8260D	9-5-23	9-5-23	
Chloromethane	ND	0.0013	EPA 8260D	9-5-23	9-5-23	
Vinyl Chloride	ND	0.00057	EPA 8260D	9-5-23	9-5-23	
Bromomethane	ND	0.0012	EPA 8260D	9-5-23	9-5-23	
Chloroethane	ND	0.00085	EPA 8260D	9-5-23	9-5-23	
Trichlorofluoromethane	ND	0.00043	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloroethene	ND	0.00043	EPA 8260D	9-5-23	9-5-23	
Acetone	ND	0.0043	EPA 8260D	9-5-23	9-5-23	
Iodomethane	ND	0.0043	EPA 8260D	9-5-23	9-5-23	
Carbon Disulfide	ND	0.00085	EPA 8260D	9-5-23	9-5-23	
Methylene Chloride	ND	0.0055	EPA 8260D	9-5-23	9-5-23	
(trans) 1,2-Dichloroethene	ND	0.00043	EPA 8260D	9-5-23	9-5-23	
Methyl t-Butyl Ether	ND	0.00085	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloroethane	ND	0.00043	EPA 8260D	9-5-23	9-5-23	
Vinyl Acetate	ND	0.00085	EPA 8260D	9-5-23	9-5-23	
2,2-Dichloropropane	ND	0.00085	EPA 8260D	9-5-23	9-5-23	
(cis) 1,2-Dichloroethene	ND	0.00043	EPA 8260D	9-5-23	9-5-23	
2-Butanone	ND	0.0043	EPA 8260D	9-5-23	9-5-23	
Bromochloromethane	ND	0.00043	EPA 8260D	9-5-23	9-5-23	
Chloroform	ND	0.00043	EPA 8260D	9-5-23	9-5-23	
1,1,1-Trichloroethane	ND	0.00043	EPA 8260D	9-5-23	9-5-23	
Carbon Tetrachloride	ND	0.00085	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloropropene	ND	0.00057	EPA 8260D	9-5-23	9-5-23	
Benzene	ND	0.00043	EPA 8260D	9-5-23	9-5-23	
1,2-Dichloroethane	ND	0.00043	EPA 8260D	9-5-23	9-5-23	
Trichloroethene	ND	0.00043	EPA 8260D	9-5-23	9-5-23	
1,2-Dichloropropane	ND	0.00043	EPA 8260D	9-5-23	9-5-23	
Dibromomethane	ND	0.00043	EPA 8260D	9-5-23	9-5-23	
Bromodichloromethane	ND	0.00085	EPA 8260D	9-5-23	9-5-23	
2-Chloroethyl Vinyl Ether	ND	0.0085	EPA 8260D	9-5-23	9-5-23	
(cis) 1,3-Dichloropropene	ND	0.00085	EPA 8260D	9-5-23	9-5-23	
Methyl Isobutyl Ketone	ND	0.00085	EPA 8260D	9-5-23	9-5-23	
Toluene	ND	0.00085	EPA 8260D	9-5-23	9-5-23	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-011
Project: WO-01 - Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-09**					
Laboratory ID:	09-011-04					
(trans) 1,3-Dichloropropene	ND	0.00085	EPA 8260D	9-5-23	9-5-23	
1,1,2-Trichloroethane	ND	0.00043	EPA 8260D	9-5-23	9-5-23	
Tetrachloroethene	ND	0.00043	EPA 8260D	9-5-23	9-5-23	
1,3-Dichloropropane	ND	0.00043	EPA 8260D	9-5-23	9-5-23	
2-Hexanone	ND	0.00085	EPA 8260D	9-5-23	9-5-23	
Dibromochloromethane	ND	0.00085	EPA 8260D	9-5-23	9-5-23	
1,2-Dibromoethane	ND	0.00043	EPA 8260D	9-5-23	9-5-23	
Chlorobenzene	ND	0.00043	EPA 8260D	9-5-23	9-5-23	
1,1,1,2-Tetrachloroethane	ND	0.00085	EPA 8260D	9-5-23	9-5-23	
Ethylbenzene	ND	0.00043	EPA 8260D	9-5-23	9-5-23	
m,p-Xylene	ND	0.0017	EPA 8260D	9-5-23	9-5-23	
o-Xylene	ND	0.00085	EPA 8260D	9-5-23	9-5-23	
Styrene	ND	0.00085	EPA 8260D	9-5-23	9-5-23	
Bromoform	ND	0.00085	EPA 8260D	9-5-23	9-5-23	
Isopropylbenzene	ND	0.00085	EPA 8260D	9-5-23	9-5-23	
Bromobenzene	ND	0.00085	EPA 8260D	9-5-23	9-5-23	
1,1,2,2-Tetrachloroethane	ND	0.00043	EPA 8260D	9-5-23	9-5-23	
1,2,3-Trichloropropane	ND	0.00085	EPA 8260D	9-5-23	9-5-23	
n-Propylbenzene	ND	0.00043	EPA 8260D	9-5-23	9-5-23	
2-Chlorotoluene	ND	0.00043	EPA 8260D	9-5-23	9-5-23	
4-Chlorotoluene	ND	0.00043	EPA 8260D	9-5-23	9-5-23	
1,3,5-Trimethylbenzene	ND	0.00043	EPA 8260D	9-5-23	9-5-23	
tert-Butylbenzene	ND	0.00043	EPA 8260D	9-5-23	9-5-23	
1,2,4-Trimethylbenzene	ND	0.00043	EPA 8260D	9-5-23	9-5-23	
sec-Butylbenzene	ND	0.00043	EPA 8260D	9-5-23	9-5-23	
1,3-Dichlorobenzene	ND	0.00043	EPA 8260D	9-5-23	9-5-23	
p-Isopropyltoluene	ND	0.00043	EPA 8260D	9-5-23	9-5-23	
1,4-Dichlorobenzene	ND	0.00085	EPA 8260D	9-5-23	9-5-23	
1,2-Dichlorobenzene	ND	0.00043	EPA 8260D	9-5-23	9-5-23	
n-Butylbenzene	ND	0.00043	EPA 8260D	9-5-23	9-5-23	
1,2-Dibromo-3-chloropropane	ND	0.00085	EPA 8260D	9-5-23	9-5-23	
1,2,4-Trichlorobenzene	ND	0.00085	EPA 8260D	9-5-23	9-5-23	
Hexachlorobutadiene	ND	0.00085	EPA 8260D	9-5-23	9-5-23	
Naphthalene	ND	0.00085	EPA 8260D	9-5-23	9-5-23	
1,2,3-Trichlorobenzene	ND	0.00085	EPA 8260D	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*86*	*75-130*				
Toluene-d8	*94*	*78-128*				
4-Bromofluorobenzene	*95*	*71-130*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-011
Project: WO-01 - Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-10**					
Laboratory ID:	09-011-05					
Dichlorodifluoromethane	ND	0.0016	EPA 8260D	9-5-23	9-5-23	
Chloromethane	ND	0.0016	EPA 8260D	9-5-23	9-5-23	
Vinyl Chloride	ND	0.00069	EPA 8260D	9-5-23	9-5-23	
Bromomethane	ND	0.0014	EPA 8260D	9-5-23	9-5-23	
Chloroethane	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Trichlorofluoromethane	ND	0.00052	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloroethene	ND	0.00052	EPA 8260D	9-5-23	9-5-23	
Acetone	ND	0.0052	EPA 8260D	9-5-23	9-5-23	
Iodomethane	ND	0.0052	EPA 8260D	9-5-23	9-5-23	
Carbon Disulfide	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Methylene Chloride	ND	0.0066	EPA 8260D	9-5-23	9-5-23	
(trans) 1,2-Dichloroethene	ND	0.00052	EPA 8260D	9-5-23	9-5-23	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloroethane	ND	0.00052	EPA 8260D	9-5-23	9-5-23	
Vinyl Acetate	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
2,2-Dichloropropane	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
(cis) 1,2-Dichloroethene	ND	0.00052	EPA 8260D	9-5-23	9-5-23	
2-Butanone	ND	0.0052	EPA 8260D	9-5-23	9-5-23	
Bromochloromethane	ND	0.00052	EPA 8260D	9-5-23	9-5-23	
Chloroform	ND	0.00052	EPA 8260D	9-5-23	9-5-23	
1,1,1-Trichloroethane	ND	0.00052	EPA 8260D	9-5-23	9-5-23	
Carbon Tetrachloride	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloropropene	ND	0.00069	EPA 8260D	9-5-23	9-5-23	
Benzene	ND	0.00052	EPA 8260D	9-5-23	9-5-23	
1,2-Dichloroethane	ND	0.00052	EPA 8260D	9-5-23	9-5-23	
Trichloroethene	ND	0.00052	EPA 8260D	9-5-23	9-5-23	
1,2-Dichloropropane	ND	0.00052	EPA 8260D	9-5-23	9-5-23	
Dibromomethane	ND	0.00052	EPA 8260D	9-5-23	9-5-23	
Bromodichloromethane	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
2-Chloroethyl Vinyl Ether	ND	0.010	EPA 8260D	9-5-23	9-5-23	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Methyl Isobutyl Ketone	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Toluene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-011
Project: WO-01 - Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-10**					
Laboratory ID:	09-011-05					
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,1,2-Trichloroethane	ND	0.00052	EPA 8260D	9-5-23	9-5-23	
Tetrachloroethene	ND	0.00052	EPA 8260D	9-5-23	9-5-23	
1,3-Dichloropropane	ND	0.00052	EPA 8260D	9-5-23	9-5-23	
2-Hexanone	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Dibromochloromethane	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,2-Dibromoethane	ND	0.00052	EPA 8260D	9-5-23	9-5-23	
Chlorobenzene	ND	0.00052	EPA 8260D	9-5-23	9-5-23	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Ethylbenzene	ND	0.00052	EPA 8260D	9-5-23	9-5-23	
m,p-Xylene	ND	0.0021	EPA 8260D	9-5-23	9-5-23	
o-Xylene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Styrene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Bromoform	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Isopropylbenzene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Bromobenzene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,1,2,2-Tetrachloroethane	ND	0.00052	EPA 8260D	9-5-23	9-5-23	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
n-Propylbenzene	ND	0.00052	EPA 8260D	9-5-23	9-5-23	
2-Chlorotoluene	ND	0.00052	EPA 8260D	9-5-23	9-5-23	
4-Chlorotoluene	ND	0.00052	EPA 8260D	9-5-23	9-5-23	
1,3,5-Trimethylbenzene	ND	0.00052	EPA 8260D	9-5-23	9-5-23	
tert-Butylbenzene	ND	0.00052	EPA 8260D	9-5-23	9-5-23	
1,2,4-Trimethylbenzene	ND	0.00052	EPA 8260D	9-5-23	9-5-23	
sec-Butylbenzene	ND	0.00052	EPA 8260D	9-5-23	9-5-23	
1,3-Dichlorobenzene	ND	0.00052	EPA 8260D	9-5-23	9-5-23	
p-Isopropyltoluene	ND	0.00052	EPA 8260D	9-5-23	9-5-23	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,2-Dichlorobenzene	ND	0.00052	EPA 8260D	9-5-23	9-5-23	
n-Butylbenzene	ND	0.00052	EPA 8260D	9-5-23	9-5-23	
1,2-Dibromo-3-chloropropane	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Hexachlorobutadiene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Naphthalene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*87*	*75-130*				
Toluene-d8	*94*	*78-128*				
4-Bromofluorobenzene	*101*	*71-130*				

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-011
Project: WO-01 - Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0905S1					
Dichlorodifluoromethane	ND	0.0015	EPA 8260D	9-5-23	9-5-23	
Chloromethane	ND	0.0015	EPA 8260D	9-5-23	9-5-23	
Vinyl Chloride	ND	0.00067	EPA 8260D	9-5-23	9-5-23	
Bromomethane	ND	0.0014	EPA 8260D	9-5-23	9-5-23	
Chloroethane	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Trichlorofluoromethane	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloroethene	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
Acetone	ND	0.0050	EPA 8260D	9-5-23	9-5-23	
Iodomethane	ND	0.0050	EPA 8260D	9-5-23	9-5-23	
Carbon Disulfide	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Methylene Chloride	ND	0.0064	EPA 8260D	9-5-23	9-5-23	
(trans) 1,2-Dichloroethene	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloroethane	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
Vinyl Acetate	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
2,2-Dichloropropane	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
(cis) 1,2-Dichloroethene	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
2-Butanone	ND	0.0050	EPA 8260D	9-5-23	9-5-23	
Bromochloromethane	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
Chloroform	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
1,1,1-Trichloroethane	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
Carbon Tetrachloride	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,1-Dichloropropene	ND	0.00067	EPA 8260D	9-5-23	9-5-23	
Benzene	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
1,2-Dichloroethane	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
Trichloroethene	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
1,2-Dichloropropane	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
Dibromomethane	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
Bromodichloromethane	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
2-Chloroethyl Vinyl Ether	ND	0.010	EPA 8260D	9-5-23	9-5-23	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Methyl Isobutyl Ketone	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Toluene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-011
Project: WO-01 - Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0905S1					
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,1,2-Trichloroethane	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
Tetrachloroethene	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
1,3-Dichloropropane	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
2-Hexanone	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Dibromochloromethane	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,2-Dibromoethane	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
Chlorobenzene	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Ethylbenzene	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
m,p-Xylene	ND	0.0020	EPA 8260D	9-5-23	9-5-23	
o-Xylene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Styrene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Bromoform	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Isopropylbenzene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Bromobenzene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,1,2,2-Tetrachloroethane	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
n-Propylbenzene	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
2-Chlorotoluene	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
4-Chlorotoluene	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
1,3,5-Trimethylbenzene	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
tert-Butylbenzene	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
1,2,4-Trimethylbenzene	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
sec-Butylbenzene	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
1,3-Dichlorobenzene	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
p-Isopropyltoluene	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,2-Dichlorobenzene	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
n-Butylbenzene	ND	0.00050	EPA 8260D	9-5-23	9-5-23	
1,2-Dibromo-3-chloropropane	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Hexachlorobutadiene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Naphthalene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260D	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*86*	*75-130*				
Toluene-d8	*95*	*78-128*				
4-Bromofluorobenzene	*107*	*71-130*				

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-011
Project: WO-01 - Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0905S1									
	SB	SBD	SB	SBD	SB	SBD				
Dichlorodifluoromethane	**0.0341**	**0.0327**	0.0500	0.0500	68	65	30-160	4	26	
Chloromethane	**0.0326**	**0.0317**	0.0500	0.0500	65	63	59-131	3	26	
Vinyl Chloride	**0.0371**	**0.0356**	0.0500	0.0500	74	71	68-136	4	23	
Bromomethane	**0.0366**	**0.0366**	0.0500	0.0500	73	73	48-155	0	32	
Chloroethane	**0.0416**	**0.0392**	0.0500	0.0500	83	78	67-141	6	16	
Trichlorofluoromethane	**0.0463**	**0.0437**	0.0500	0.0500	93	87	76-127	6	19	
1,1-Dichloroethene	**0.0430**	**0.0402**	0.0500	0.0500	86	80	75-129	7	19	
Acetone	**0.0473**	**0.0427**	0.0500	0.0500	95	85	49-158	10	37	
Iodomethane	**0.0424**	**0.0371**	0.0500	0.0500	85	74	37-140	13	27	
Carbon Disulfide	**0.0425**	**0.0377**	0.0500	0.0500	85	75	41-143	12	19	
Methylene Chloride	**0.0388**	**0.0386**	0.0500	0.0500	78	77	60-124	1	18	
(trans) 1,2-Dichloroethene	**0.0442**	**0.0408**	0.0500	0.0500	88	82	79-133	8	15	
Methyl t-Butyl Ether	**0.0426**	**0.0398**	0.0500	0.0500	85	80	73-125	7	17	
1,1-Dichloroethane	**0.0436**	**0.0412**	0.0500	0.0500	87	82	79-125	6	17	
Vinyl Acetate	**0.0470**	**0.0410**	0.0500	0.0500	94	82	51-145	14	41	
2,2-Dichloropropane	**0.0504**	**0.0465**	0.0500	0.0500	101	93	79-126	8	18	
(cis) 1,2-Dichloroethene	**0.0407**	**0.0436**	0.0500	0.0500	81	87	75-131	7	15	
2-Butanone	**0.0467**	**0.0391**	0.0500	0.0500	93	78	54-145	18	32	
Bromochloromethane	**0.0456**	**0.0445**	0.0500	0.0500	91	89	80-126	2	15	
Chloroform	**0.0436**	**0.0410**	0.0500	0.0500	87	82	80-123	6	15	
1,1,1-Trichloroethane	**0.0418**	**0.0389**	0.0500	0.0500	84	78	78-124	7	21	
Carbon Tetrachloride	**0.0401**	**0.0395**	0.0500	0.0500	80	79	74-127	2	18	
1,1-Dichloropropene	**0.0372**	**0.0368**	0.0500	0.0500	74	74	80-123	1	15	I,I
Benzene	**0.0435**	**0.0408**	0.0500	0.0500	87	82	80-122	6	18	
1,2-Dichloroethane	**0.0449**	**0.0413**	0.0500	0.0500	90	83	75-124	8	15	
Trichloroethene	**0.0514**	**0.0490**	0.0500	0.0500	103	98	80-129	5	18	
1,2-Dichloropropane	**0.0491**	**0.0472**	0.0500	0.0500	98	94	80-123	4	15	
Dibromomethane	**0.0462**	**0.0448**	0.0500	0.0500	92	90	80-123	3	15	
Bromodichloromethane	**0.0503**	**0.0480**	0.0500	0.0500	101	96	80-129	5	15	
(cis) 1,3-Dichloropropene	**0.0508**	**0.0486**	0.0500	0.0500	102	97	80-130	4	15	
Methyl Isobutyl Ketone	**0.0475**	**0.0432**	0.0500	0.0500	95	86	63-137	9	27	
Toluene	**0.0466**	**0.0449**	0.0500	0.0500	93	90	80-120	4	18	
(trans) 1,3-Dichloropropene	**0.0568**	**0.0544**	0.0500	0.0500	114	109	80-124	4	15	

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-011
Project: WO-01 - Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 2 of 2

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0905S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1,2-Trichloroethane	**0.0487**	**0.0467**	0.0500	0.0500	97	93	80-120	4	15	
Tetrachloroethene	**0.0595**	**0.0600**	0.0500	0.0500	119	120	77-126	1	15	
1,3-Dichloropropane	**0.0521**	**0.0517**	0.0500	0.0500	104	103	77-123	1	15	
2-Hexanone	**0.0498**	**0.0450**	0.0500	0.0500	100	90	53-137	10	29	
Dibromochloromethane	**0.0555**	**0.0531**	0.0500	0.0500	111	106	80-128	4	16	
1,2-Dibromoethane	**0.0536**	**0.0487**	0.0500	0.0500	107	97	80-122	10	20	
Chlorobenzene	**0.0534**	**0.0523**	0.0500	0.0500	107	105	80-120	2	18	
1,1,1,2-Tetrachloroethane	**0.0527**	**0.0497**	0.0500	0.0500	105	99	80-120	6	15	
Ethylbenzene	**0.0539**	**0.0532**	0.0500	0.0500	108	106	80-120	1	15	
m,p-Xylene	**0.107**	**0.104**	0.100	0.100	107	104	80-120	3	15	
o-Xylene	**0.0541**	**0.0531**	0.0500	0.0500	108	106	80-120	2	15	
Styrene	**0.0550**	**0.0524**	0.0500	0.0500	110	105	80-122	5	15	
Bromoform	**0.0537**	**0.0517**	0.0500	0.0500	107	103	78-126	4	15	
Isopropylbenzene	**0.0549**	**0.0539**	0.0500	0.0500	110	108	80-125	2	15	
Bromobenzene	**0.0548**	**0.0555**	0.0500	0.0500	110	111	79-124	1	15	
1,1,2,2-Tetrachloroethane	**0.0536**	**0.0519**	0.0500	0.0500	107	104	75-122	3	17	
1,2,3-Trichloropropane	**0.0529**	**0.0508**	0.0500	0.0500	106	102	72-125	4	20	
n-Propylbenzene	**0.0570**	**0.0571**	0.0500	0.0500	114	114	77-126	0	16	
2-Chlorotoluene	**0.0614**	**0.0596**	0.0500	0.0500	123	119	75-128	3	15	
4-Chlorotoluene	**0.0590**	**0.0586**	0.0500	0.0500	118	117	78-127	1	16	
1,3,5-Trimethylbenzene	**0.0581**	**0.0571**	0.0500	0.0500	116	114	77-128	2	15	
tert-Butylbenzene	**0.0578**	**0.0575**	0.0500	0.0500	116	115	73-130	1	20	
1,2,4-Trimethylbenzene	**0.0586**	**0.0579**	0.0500	0.0500	117	116	77-125	1	16	
sec-Butylbenzene	**0.0563**	**0.0562**	0.0500	0.0500	113	112	75-130	0	17	
1,3-Dichlorobenzene	**0.0595**	**0.0590**	0.0500	0.0500	119	118	78-123	1	17	
p-Isopropyltoluene	**0.0599**	**0.0590**	0.0500	0.0500	120	118	75-130	2	18	
1,4-Dichlorobenzene	**0.0599**	**0.0587**	0.0500	0.0500	120	117	77-121	2	17	
1,2-Dichlorobenzene	**0.0569**	**0.0564**	0.0500	0.0500	114	113	80-120	1	15	
n-Butylbenzene	**0.0609**	**0.0590**	0.0500	0.0500	122	118	76-131	3	20	
1,2-Dibromo-3-chloropropane	**0.0610**	**0.0578**	0.0500	0.0500	122	116	61-137	5	28	
1,2,4-Trichlorobenzene	**0.0659**	**0.0661**	0.0500	0.0500	132	132	77-127	0	17	I,I
Hexachlorobutadiene	**0.0582**	**0.0601**	0.0500	0.0500	116	120	77-125	3	22	
Naphthalene	**0.0572**	**0.0563**	0.0500	0.0500	114	113	68-129	2	19	
1,2,3-Trichlorobenzene	**0.0592**	**0.0607**	0.0500	0.0500	118	121	77-124	3	19	
Surrogate:										
Dibromofluoromethane					*84*	*84*	*75-130*			
Toluene-d8					*92*	*94*	*78-128*			
4-Bromofluorobenzene					*100*	*103*	*71-130*			

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-011
Project: WO-01 - Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-06**					
Laboratory ID:	09-011-01					
n-Nitrosodimethylamine	**ND**	0.026	EPA 8270E	9-5-23	9-5-23	
Pyridine	**ND**	0.20	EPA 8270E	9-5-23	9-5-23	
Phenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
Aniline	**ND**	0.10	EPA 8270E	9-5-23	9-5-23	
bis(2-Chloroethyl)ether	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
2-Chlorophenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
1,3-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
1,4-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Benzyl alcohol	**ND**	0.041	EPA 8270E	9-5-23	9-5-23	
1,2-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
2-Methylphenol (o-Cresol)	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
bis(2-Chloroisopropyl)ether	**ND**	0.014	EPA 8270E	9-5-23	9-5-23	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
n-Nitroso-di-n-propylamine	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Hexachloroethane	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Nitrobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Isophorone	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
2-Nitrophenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
2,4-Dimethylphenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
bis(2-Chloroethoxy)methane	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
2,4-Dichlorophenol	**ND**	0.041	EPA 8270E	9-5-23	9-5-23	
1,2,4-Trichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Naphthalene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
4-Chloroaniline	**ND**	0.041	EPA 8270E	9-5-23	9-5-23	
Hexachlorobutadiene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
4-Chloro-3-methylphenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
2-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
1-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Hexachlorocyclopentadiene	**ND**	0.087	EPA 8270E	9-5-23	9-5-23	
2,4,6-Trichlorophenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
2,3-Dichloroaniline	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
2,4,5-Trichlorophenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
2-Chloronaphthalene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
2-Nitroaniline	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
1,4-Dinitrobenzene	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
Dimethylphthalate	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
1,3-Dinitrobenzene	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
2,6-Dinitrotoluene	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
1,2-Dinitrobenzene	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
Acenaphthylene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
3-Nitroaniline	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-011
Project: WO-01 - Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-06**					
Laboratory ID:	09-011-01					
2,4-Dinitrophenol	**ND**	0.25	EPA 8270E	9-5-23	9-5-23	
Acenaphthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
4-Nitrophenol	**ND**	0.029	EPA 8270E	9-5-23	9-5-23	
2,4-Dinitrotoluene	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
Dibenzofuran	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
2,3,5,6-Tetrachlorophenol	**ND**	0.028	EPA 8270E	9-5-23	9-5-23	
2,3,4,6-Tetrachlorophenol	**ND**	0.029	EPA 8270E	9-5-23	9-5-23	
Diethylphthalate	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
4-Chlorophenyl-phenylether	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
4-Nitroaniline	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
Fluorene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
4,6-Dinitro-2-methylphenol	**ND**	0.068	EPA 8270E	9-5-23	9-5-23	
n-Nitrosodiphenylamine	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
1,2-Diphenylhydrazine	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
4-Bromophenyl-phenylether	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Hexachlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Pentachlorophenol	**ND**	0.082	EPA 8270E	9-5-23	9-5-23	
Phenanthrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Anthracene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Carbazole	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Di-n-butylphthalate	**ND**	0.10	EPA 8270E	9-5-23	9-5-23	
Fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Pyrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Butylbenzylphthalate	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
bis-2-Ethylhexyladipate	**ND**	0.10	EPA 8270E	9-5-23	9-5-23	
3,3'-Dichlorobenzidine	**ND**	0.10	EPA 8270E	9-5-23	9-5-23	
Benzo[a]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Chrysene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	9-5-23	9-5-23	
Di-n-octylphthalate	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
Benzo[b]fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Benzo(j,k)fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Benzo[a]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Dibenz[a,h]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Benzo[g,h,i]perylene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*56*	*11 - 111*				
Phenol-d6	*53*	*26 - 117*				
Nitrobenzene-d5	*54*	*31 - 111*				
2-Fluorobiphenyl	*68*	*38 - 109*				
2,4,6-Tribromophenol	*68*	*27 - 127*				
Terphenyl-d14	*67*	*37 - 116*				

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Samples Submitted: September 1, 2023
Laboratory Reference: 2309-011
Project: WO-01 - Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-07**					
Laboratory ID:	09-011-02					
n-Nitrosodimethylamine	**ND**	0.026	EPA 8270E	9-5-23	9-5-23	
Pyridine	**ND**	0.20	EPA 8270E	9-5-23	9-5-23	
Phenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
Aniline	**ND**	0.10	EPA 8270E	9-5-23	9-5-23	
bis(2-Chloroethyl)ether	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
2-Chlorophenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
1,3-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
1,4-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Benzyl alcohol	**ND**	0.041	EPA 8270E	9-5-23	9-5-23	
1,2-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
2-Methylphenol (o-Cresol)	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
bis(2-Chloroisopropyl)ether	**ND**	0.014	EPA 8270E	9-5-23	9-5-23	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
n-Nitroso-di-n-propylamine	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Hexachloroethane	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Nitrobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Isophorone	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
2-Nitrophenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
2,4-Dimethylphenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
bis(2-Chloroethoxy)methane	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
2,4-Dichlorophenol	**ND**	0.041	EPA 8270E	9-5-23	9-5-23	
1,2,4-Trichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Naphthalene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
4-Chloroaniline	**ND**	0.041	EPA 8270E	9-5-23	9-5-23	
Hexachlorobutadiene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
4-Chloro-3-methylphenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
2-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
1-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Hexachlorocyclopentadiene	**ND**	0.087	EPA 8270E	9-5-23	9-5-23	
2,4,6-Trichlorophenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
2,3-Dichloroaniline	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
2,4,5-Trichlorophenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
2-Chloronaphthalene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
2-Nitroaniline	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
1,4-Dinitrobenzene	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
Dimethylphthalate	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
1,3-Dinitrobenzene	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
2,6-Dinitrotoluene	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
1,2-Dinitrobenzene	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
Acenaphthylene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
3-Nitroaniline	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-011
Project: WO-01 - Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-07**					
Laboratory ID:	09-011-02					
2,4-Dinitrophenol	**ND**	0.25	EPA 8270E	9-5-23	9-5-23	
Acenaphthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
4-Nitrophenol	**ND**	0.029	EPA 8270E	9-5-23	9-5-23	
2,4-Dinitrotoluene	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
Dibenzofuran	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
2,3,5,6-Tetrachlorophenol	**ND**	0.028	EPA 8270E	9-5-23	9-5-23	
2,3,4,6-Tetrachlorophenol	**ND**	0.029	EPA 8270E	9-5-23	9-5-23	
Diethylphthalate	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
4-Chlorophenyl-phenylether	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
4-Nitroaniline	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
Fluorene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
4,6-Dinitro-2-methylphenol	**ND**	0.068	EPA 8270E	9-5-23	9-5-23	
n-Nitrosodiphenylamine	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
1,2-Diphenylhydrazine	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
4-Bromophenyl-phenylether	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Hexachlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Pentachlorophenol	**ND**	0.082	EPA 8270E	9-5-23	9-5-23	
Phenanthrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Anthracene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Carbazole	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Di-n-butylphthalate	**ND**	0.10	EPA 8270E	9-5-23	9-5-23	
Fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Pyrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Butylbenzylphthalate	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
bis-2-Ethylhexyladipate	**ND**	0.10	EPA 8270E	9-5-23	9-5-23	
3,3'-Dichlorobenzidine	**ND**	0.10	EPA 8270E	9-5-23	9-5-23	
Benzo[a]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Chrysene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	9-5-23	9-5-23	
Di-n-octylphthalate	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
Benzo[b]fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Benzo(j,k)fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Benzo[a]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Dibenz[a,h]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Benzo[g,h,i]perylene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*47*	*11 - 111*				
Phenol-d6	*47*	*26 - 117*				
Nitrobenzene-d5	*51*	*31 - 111*				
2-Fluorobiphenyl	*53*	*38 - 109*				
2,4,6-Tribromophenol	*62*	*27 - 127*				
Terphenyl-d14	*70*	*37 - 116*				

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-011
Project: WO-01 - Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-08**					
Laboratory ID:	09-011-03					
n-Nitrosodimethylamine	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
Pyridine	**ND**	0.20	EPA 8270E	9-5-23	9-6-23	
Phenol	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
Aniline	**ND**	0.10	EPA 8270E	9-5-23	9-6-23	
bis(2-Chloroethyl)ether	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
2-Chlorophenol	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
1,3-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
1,4-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
Benzyl alcohol	**ND**	0.041	EPA 8270E	9-5-23	9-6-23	
1,2-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
2-Methylphenol (o-Cresol)	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
bis(2-Chloroisopropyl)ether	**ND**	0.015	EPA 8270E	9-5-23	9-6-23	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
n-Nitroso-di-n-propylamine	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
Hexachloroethane	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
Nitrobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
Isophorone	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
2-Nitrophenol	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
2,4-Dimethylphenol	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
bis(2-Chloroethoxy)methane	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
2,4-Dichlorophenol	**ND**	0.041	EPA 8270E	9-5-23	9-6-23	
1,2,4-Trichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
Naphthalene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
4-Chloroaniline	**ND**	0.041	EPA 8270E	9-5-23	9-6-23	
Hexachlorobutadiene	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
4-Chloro-3-methylphenol	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
2-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
1-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Hexachlorocyclopentadiene	**ND**	0.041	EPA 8270E	9-5-23	9-6-23	
2,4,6-Trichlorophenol	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
2,3-Dichloroaniline	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
2,4,5-Trichlorophenol	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
2-Chloronaphthalene	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
2-Nitroaniline	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
1,4-Dinitrobenzene	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
Dimethylphthalate	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
1,3-Dinitrobenzene	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
2,6-Dinitrotoluene	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
1,2-Dinitrobenzene	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
Acenaphthylene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
3-Nitroaniline	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-011
Project: WO-01 - Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-08**					
Laboratory ID:	09-011-03					
2,4-Dinitrophenol	**ND**	0.14	EPA 8270E	9-5-23	9-6-23	
Acenaphthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
4-Nitrophenol	**ND**	0.027	EPA 8270E	9-5-23	9-6-23	
2,4-Dinitrotoluene	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
Dibenzofuran	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
2,3,5,6-Tetrachlorophenol	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
2,3,4,6-Tetrachlorophenol	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
Diethylphthalate	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
4-Chlorophenyl-phenylether	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
4-Nitroaniline	**ND**	0.026	EPA 8270E	9-5-23	9-6-23	
Fluorene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
4,6-Dinitro-2-methylphenol	**ND**	0.041	EPA 8270E	9-5-23	9-6-23	
n-Nitrosodiphenylamine	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
1,2-Diphenylhydrazine	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
4-Bromophenyl-phenylether	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
Hexachlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
Pentachlorophenol	**ND**	0.041	EPA 8270E	9-5-23	9-6-23	
Phenanthrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Anthracene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Carbazole	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
Di-n-butylphthalate	**ND**	0.10	EPA 8270E	9-5-23	9-6-23	
Fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Pyrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Butylbenzylphthalate	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
bis-2-Ethylhexyladipate	**ND**	0.10	EPA 8270E	9-5-23	9-6-23	
3,3'-Dichlorobenzidine	**ND**	0.13	EPA 8270E	9-5-23	9-6-23	
Benzo[a]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Chrysene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	9-5-23	9-6-23	
Di-n-octylphthalate	**ND**	0.020	EPA 8270E	9-5-23	9-6-23	
Benzo[b]fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Benzo(j,k)fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Benzo[a]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Dibenz[a,h]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Benzo[g,h,i]perylene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*77*	*11 - 111*				
Phenol-d6	*74*	*26 - 117*				
Nitrobenzene-d5	*73*	*31 - 111*				
2-Fluorobiphenyl	*90*	*38 - 109*				
2,4,6-Tribromophenol	*86*	*27 - 127*				
Terphenyl-d14	*93*	*37 - 116*				

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-011
Project: WO-01 - Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-09**					
Laboratory ID:	09-011-04					
n-Nitrosodimethylamine	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
Pyridine	**ND**	0.21	EPA 8270E	9-5-23	9-6-23	
Phenol	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
Aniline	**ND**	0.10	EPA 8270E	9-5-23	9-6-23	
bis(2-Chloroethyl)ether	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
2-Chlorophenol	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
1,3-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
1,4-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
Benzyl alcohol	**ND**	0.041	EPA 8270E	9-5-23	9-6-23	
1,2-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
2-Methylphenol (o-Cresol)	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
bis(2-Chloroisopropyl)ether	**ND**	0.015	EPA 8270E	9-5-23	9-6-23	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
n-Nitroso-di-n-propylamine	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
Hexachloroethane	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
Nitrobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
Isophorone	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
2-Nitrophenol	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
2,4-Dimethylphenol	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
bis(2-Chloroethoxy)methane	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
2,4-Dichlorophenol	**ND**	0.041	EPA 8270E	9-5-23	9-6-23	
1,2,4-Trichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
Naphthalene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
4-Chloroaniline	**ND**	0.041	EPA 8270E	9-5-23	9-6-23	
Hexachlorobutadiene	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
4-Chloro-3-methylphenol	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
2-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
1-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Hexachlorocyclopentadiene	**ND**	0.041	EPA 8270E	9-5-23	9-6-23	
2,4,6-Trichlorophenol	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
2,3-Dichloroaniline	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
2,4,5-Trichlorophenol	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
2-Chloronaphthalene	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
2-Nitroaniline	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
1,4-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
Dimethylphthalate	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
1,3-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
2,6-Dinitrotoluene	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
1,2-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
Acenaphthylene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
3-Nitroaniline	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-011
Project: WO-01 - Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-09**					
Laboratory ID:	09-011-04					
2,4-Dinitrophenol	**ND**	0.14	EPA 8270E	9-5-23	9-6-23	
Acenaphthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
4-Nitrophenol	**ND**	0.027	EPA 8270E	9-5-23	9-6-23	
2,4-Dinitrotoluene	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
Dibenzofuran	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
2,3,5,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
2,3,4,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
Diethylphthalate	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
4-Chlorophenyl-phenylether	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
4-Nitroaniline	**ND**	0.027	EPA 8270E	9-5-23	9-6-23	
Fluorene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
4,6-Dinitro-2-methylphenol	**ND**	0.041	EPA 8270E	9-5-23	9-6-23	
n-Nitrosodiphenylamine	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
1,2-Diphenylhydrazine	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
4-Bromophenyl-phenylether	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
Hexachlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
Pentachlorophenol	**ND**	0.041	EPA 8270E	9-5-23	9-6-23	
Phenanthrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Anthracene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Carbazole	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
Di-n-butylphthalate	**ND**	0.10	EPA 8270E	9-5-23	9-6-23	
Fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Pyrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Butylbenzylphthalate	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
bis-2-Ethylhexyladipate	**ND**	0.10	EPA 8270E	9-5-23	9-6-23	
3,3'-Dichlorobenzidine	**ND**	0.13	EPA 8270E	9-5-23	9-6-23	
Benzo[a]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Chrysene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	9-5-23	9-6-23	
Di-n-octylphthalate	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
Benzo[b]fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Benzo(j,k)fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Benzo[a]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Dibenz[a,h]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Benzo[g,h,i]perylene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*65*	*11 - 111*				
Phenol-d6	*63*	*26 - 117*				
Nitrobenzene-d5	*58*	*31 - 111*				
2-Fluorobiphenyl	*76*	*38 - 109*				
2,4,6-Tribromophenol	*72*	*27 - 127*				
Terphenyl-d14	*71*	*37 - 116*				

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-011
Project: WO-01 - Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-10**					
Laboratory ID:	09-011-05					
n-Nitrosodimethylamine	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
Pyridine	**ND**	0.21	EPA 8270E	9-5-23	9-6-23	
Phenol	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
Aniline	**ND**	0.10	EPA 8270E	9-5-23	9-6-23	
bis(2-Chloroethyl)ether	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
2-Chlorophenol	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
1,3-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
1,4-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
Benzyl alcohol	**ND**	0.041	EPA 8270E	9-5-23	9-6-23	
1,2-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
2-Methylphenol (o-Cresol)	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
bis(2-Chloroisopropyl)ether	**ND**	0.015	EPA 8270E	9-5-23	9-6-23	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
n-Nitroso-di-n-propylamine	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
Hexachloroethane	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
Nitrobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
Isophorone	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
2-Nitrophenol	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
2,4-Dimethylphenol	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
bis(2-Chloroethoxy)methane	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
2,4-Dichlorophenol	**ND**	0.041	EPA 8270E	9-5-23	9-6-23	
1,2,4-Trichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
Naphthalene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
4-Chloroaniline	**ND**	0.041	EPA 8270E	9-5-23	9-6-23	
Hexachlorobutadiene	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
4-Chloro-3-methylphenol	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
2-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
1-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Hexachlorocyclopentadiene	**ND**	0.041	EPA 8270E	9-5-23	9-6-23	
2,4,6-Trichlorophenol	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
2,3-Dichloroaniline	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
2,4,5-Trichlorophenol	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
2-Chloronaphthalene	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
2-Nitroaniline	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
1,4-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
Dimethylphthalate	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
1,3-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
2,6-Dinitrotoluene	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
1,2-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
Acenaphthylene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
3-Nitroaniline	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	

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Samples Submitted: September 1, 2023
Laboratory Reference: 2309-011
Project: WO-01 - Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-10**					
Laboratory ID:	09-011-05					
2,4-Dinitrophenol	**ND**	0.14	EPA 8270E	9-5-23	9-6-23	
Acenaphthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
4-Nitrophenol	**ND**	0.027	EPA 8270E	9-5-23	9-6-23	
2,4-Dinitrotoluene	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
Dibenzofuran	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
2,3,5,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
2,3,4,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
Diethylphthalate	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
4-Chlorophenyl-phenylether	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
4-Nitroaniline	**ND**	0.027	EPA 8270E	9-5-23	9-6-23	
Fluorene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
4,6-Dinitro-2-methylphenol	**ND**	0.041	EPA 8270E	9-5-23	9-6-23	
n-Nitrosodiphenylamine	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
1,2-Diphenylhydrazine	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
4-Bromophenyl-phenylether	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
Hexachlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
Pentachlorophenol	**ND**	0.041	EPA 8270E	9-5-23	9-6-23	
Phenanthrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Anthracene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Carbazole	**ND**	0.010	EPA 8270E	9-5-23	9-6-23	
Di-n-butylphthalate	**ND**	0.10	EPA 8270E	9-5-23	9-6-23	
Fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Pyrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Butylbenzylphthalate	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
bis-2-Ethylhexyladipate	**ND**	0.10	EPA 8270E	9-5-23	9-6-23	
3,3'-Dichlorobenzidine	**ND**	0.13	EPA 8270E	9-5-23	9-6-23	
Benzo[a]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Chrysene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	9-5-23	9-6-23	
Di-n-octylphthalate	**ND**	0.021	EPA 8270E	9-5-23	9-6-23	
Benzo[b]fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Benzo(j,k)fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Benzo[a]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Dibenz[a,h]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Benzo[g,h,i]perylene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-6-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*59*	*11 - 111*				
Phenol-d6	*56*	*26 - 117*				
Nitrobenzene-d5	*58*	*31 - 111*				
2-Fluorobiphenyl	*72*	*38 - 109*				
2,4,6-Tribromophenol	*64*	*27 - 127*				
Terphenyl-d14	*71*	*37 - 116*				

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-011
Project: WO-01 - Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
QUALITY CONTROL
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0905S2					
n-Nitrosodimethylamine	**ND**	0.025	EPA 8270E	9-5-23	9-5-23	
Pyridine	**ND**	0.20	EPA 8270E	9-5-23	9-5-23	
Phenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
Aniline	**ND**	0.10	EPA 8270E	9-5-23	9-5-23	
bis(2-Chloroethyl)ether	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
2-Chlorophenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
1,3-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
1,4-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Benzyl alcohol	**ND**	0.040	EPA 8270E	9-5-23	9-5-23	
1,2-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
2-Methylphenol (o-Cresol)	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
bis(2-Chloroisopropyl)ether	**ND**	0.014	EPA 8270E	9-5-23	9-5-23	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
n-Nitroso-di-n-propylamine	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Hexachloroethane	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Nitrobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Isophorone	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
2-Nitrophenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
2,4-Dimethylphenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
bis(2-Chloroethoxy)methane	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
2,4-Dichlorophenol	**ND**	0.040	EPA 8270E	9-5-23	9-5-23	
1,2,4-Trichlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Naphthalene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
4-Chloroaniline	**ND**	0.040	EPA 8270E	9-5-23	9-5-23	
Hexachlorobutadiene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
4-Chloro-3-methylphenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
2-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
1-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Hexachlorocyclopentadiene	**ND**	0.086	EPA 8270E	9-5-23	9-5-23	
2,4,6-Trichlorophenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
2,3-Dichloroaniline	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
2,4,5-Trichlorophenol	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
2-Chloronaphthalene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
2-Nitroaniline	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
1,4-Dinitrobenzene	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
Dimethylphthalate	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
1,3-Dinitrobenzene	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
2,6-Dinitrotoluene	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
1,2-Dinitrobenzene	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
Acenaphthylene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
3-Nitroaniline	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	

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Laboratory Reference: 2309-011
Project: WO-01 - Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
QUALITY CONTROL
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0905S2					
2,4-Dinitrophenol	**ND**	0.24	EPA 8270E	9-5-23	9-5-23	
Acenaphthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
4-Nitrophenol	**ND**	0.028	EPA 8270E	9-5-23	9-5-23	
2,4-Dinitrotoluene	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
Dibenzofuran	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
2,3,5,6-Tetrachlorophenol	**ND**	0.028	EPA 8270E	9-5-23	9-5-23	
2,3,4,6-Tetrachlorophenol	**ND**	0.028	EPA 8270E	9-5-23	9-5-23	
Diethylphthalate	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
4-Chlorophenyl-phenylether	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
4-Nitroaniline	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
Fluorene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
4,6-Dinitro-2-methylphenol	**ND**	0.067	EPA 8270E	9-5-23	9-5-23	
n-Nitrosodiphenylamine	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
1,2-Diphenylhydrazine	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
4-Bromophenyl-phenylether	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Hexachlorobenzene	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Pentachlorophenol	**ND**	0.081	EPA 8270E	9-5-23	9-5-23	
Phenanthrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Anthracene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Carbazole	**ND**	0.010	EPA 8270E	9-5-23	9-5-23	
Di-n-butylphthalate	**ND**	0.10	EPA 8270E	9-5-23	9-5-23	
Fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Pyrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Butylbenzylphthalate	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
bis-2-Ethylhexyladipate	**ND**	0.10	EPA 8270E	9-5-23	9-5-23	
3,3'-Dichlorobenzidine	**ND**	0.10	EPA 8270E	9-5-23	9-5-23	
Benzo[a]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Chrysene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	9-5-23	9-5-23	
Di-n-octylphthalate	**ND**	0.020	EPA 8270E	9-5-23	9-5-23	
Benzo[b]fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Benzo(j,k)fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Benzo[a]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Dibenz[a,h]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Benzo[g,h,i]perylene	**ND**	0.0020	EPA 8270E/SIM	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*34*	*11 - 111*				
Phenol-d6	*34*	*26 - 117*				
Nitrobenzene-d5	*33*	*31 - 111*				
2-Fluorobiphenyl	*38*	*38 - 109*				
2,4,6-Tribromophenol	*37*	*27 - 127*				
Terphenyl-d14	*42*	*37 - 116*				

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-011
Project: WO-01 - Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
QUALITY CONTROL
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0905S2									
	SB	SBD	SB	SBD	SB	SBD				
n-Nitrosodimethylamine	**0.274**	**0.263**	0.667	0.667	41	39	20 - 120	4	30	
Pyridine	**0.139**	**0.121**	0.667	0.667	21	18	20 - 120	14	30	I
Phenol	**0.325**	**0.292**	0.667	0.667	49	44	49 - 109	11	23	I,I
Aniline	**0.284**	**0.267**	0.667	0.667	43	40	20 - 120	6	30	
bis(2-Chloroethyl)ether	**0.311**	**0.286**	0.667	0.667	47	43	20 - 120	8	30	
2-Chlorophenol	**0.327**	**0.302**	0.667	0.667	49	45	52 - 105	8	26	I,I
1,3-Dichlorobenzene	**0.296**	**0.289**	0.667	0.667	44	43	20 - 120	2	30	
1,4-Dichlorobenzene	**0.312**	**0.279**	0.667	0.667	47	42	51 - 102	11	28	I,I
Benzyl alcohol	**0.375**	**0.338**	0.667	0.667	56	51	20 - 120	10	30	
1,2-Dichlorobenzene	**0.311**	**0.303**	0.667	0.667	47	45	20 - 120	3	30	
2-Methylphenol (o-Cresol)	**0.357**	**0.319**	0.667	0.667	54	48	20 - 120	11	30	
bis(2-Chloroisopropyl)ether	**0.242**	**0.203**	0.667	0.667	36	30	20 - 120	18	30	
(3+4)-Methylphenol (m,p-Cresol)	**0.381**	**0.345**	0.667	0.667	57	52	20 - 120	10	30	
n-Nitroso-di-n-propylamine	**0.327**	**0.298**	0.667	0.667	49	45	46 - 111	9	25	I
Hexachloroethane	**0.285**	**0.261**	0.667	0.667	43	39	20 - 120	9	30	
Nitrobenzene	**0.301**	**0.295**	0.667	0.667	45	44	20 - 120	2	30	
Isophorone	**0.352**	**0.350**	0.667	0.667	53	52	20 - 120	1	30	
2-Nitrophenol	**0.362**	**0.342**	0.667	0.667	54	51	20 - 120	6	30	
2,4-Dimethylphenol	**0.406**	**0.402**	0.667	0.667	61	60	20 - 120	1	30	
bis(2-Chloroethoxy)methane	**0.328**	**0.329**	0.667	0.667	49	49	20 - 120	0	30	
2,4-Dichlorophenol	**0.383**	**0.385**	0.667	0.667	57	58	20 - 120	1	30	
1,2,4-Trichlorobenzene	**0.336**	**0.329**	0.667	0.667	50	49	52 - 106	2	28	I,I
Naphthalene	**0.335**	**0.339**	0.667	0.667	50	51	20 - 120	1	30	
4-Chloroaniline	**0.344**	**0.344**	0.667	0.667	52	52	20 - 120	0	30	
Hexachlorobutadiene	**0.308**	**0.289**	0.667	0.667	46	43	20 - 120	6	30	
4-Chloro-3-methylphenol	**0.361**	**0.361**	0.667	0.667	54	54	54 - 112	0	20	
2-Methylnaphthalene	**0.371**	**0.379**	0.667	0.667	56	57	20 - 120	2	30	
1-Methylnaphthalene	**0.378**	**0.378**	0.667	0.667	57	57	20 - 120	0	30	
Hexachlorocyclopentadiene	**0.335**	**0.335**	0.667	0.667	50	50	20 - 120	0	30	
2,4,6-Trichlorophenol	**0.413**	**0.427**	0.667	0.667	62	64	20 - 120	3	30	
2,3-Dichloroaniline	**0.371**	**0.399**	0.667	0.667	56	60	20 - 120	7	30	
2,4,5-Trichlorophenol	**0.386**	**0.397**	0.667	0.667	58	60	20 - 120	3	30	
2-Chloronaphthalene	**0.395**	**0.374**	0.667	0.667	59	56	20 - 120	5	30	
2-Nitroaniline	**0.348**	**0.386**	0.667	0.667	52	58	20 - 120	10	30	
1,4-Dinitrobenzene	**0.453**	**0.450**	0.667	0.667	68	67	20 - 120	1	30	
Dimethylphthalate	**0.418**	**0.417**	0.667	0.667	63	63	20 - 120	0	30	
1,3-Dinitrobenzene	**0.428**	**0.458**	0.667	0.667	64	69	20 - 120	7	30	
2,6-Dinitrotoluene	**0.419**	**0.430**	0.667	0.667	63	64	20 - 120	3	30	
1,2-Dinitrobenzene	**0.395**	**0.444**	0.667	0.667	59	67	20 - 120	12	30	
Acenaphthylene	**0.397**	**0.425**	0.667	0.667	60	64	20 - 120	7	30	
3-Nitroaniline	**0.426**	**0.428**	0.667	0.667	64	64	20 - 120	0	30	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-011
Project: WO-01 - Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
QUALITY CONTROL
page 2 of 2

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0905S2									
	SB	SBD	SB	SBD	SB	SBD				
2,4-Dinitrophenol	**0.297**	**0.285**	0.667	0.667	45	43	20 - 120	4	30	
Acenaphthene	**0.386**	**0.394**	0.667	0.667	58	59	55 - 101	2	20	
4-Nitrophenol	**0.356**	**0.360**	0.667	0.667	53	54	34 - 136	1	22	
2,4-Dinitrotoluene	**0.424**	**0.407**	0.667	0.667	64	61	51 - 111	4	21	
Dibenzofuran	**0.421**	**0.418**	0.667	0.667	63	63	20 - 120	1	30	
2,3,5,6-Tetrachlorophenol	**0.377**	**0.356**	0.667	0.667	57	53	20 - 120	6	30	
2,3,4,6-Tetrachlorophenol	**0.402**	**0.416**	0.667	0.667	60	62	20 - 120	3	30	
Diethylphthalate	**0.428**	**0.440**	0.667	0.667	64	66	20 - 120	3	30	
4-Chlorophenyl-phenylether	**0.428**	**0.426**	0.667	0.667	64	64	20 - 120	0	30	
4-Nitroaniline	**0.371**	**0.395**	0.667	0.667	56	59	20 - 120	6	30	
Fluorene	**0.418**	**0.439**	0.667	0.667	63	66	20 - 120	5	30	
4,6-Dinitro-2-methylphenol	**0.315**	**0.333**	0.667	0.667	47	50	20 - 120	6	30	
n-Nitrosodiphenylamine	**0.419**	**0.400**	0.667	0.667	63	60	20 - 120	5	30	
1,2-Diphenylhydrazine	**0.398**	**0.414**	0.667	0.667	60	62	20 - 120	4	30	
4-Bromophenyl-phenylether	**0.407**	**0.427**	0.667	0.667	61	64	20 - 120	5	30	
Hexachlorobenzene	**0.418**	**0.434**	0.667	0.667	63	65	20 - 120	4	30	
Pentachlorophenol	**0.342**	**0.320**	0.667	0.667	51	48	34 - 134	7	23	
Phenanthrene	**0.423**	**0.421**	0.667	0.667	63	63	20 - 120	0	30	
Anthracene	**0.433**	**0.428**	0.667	0.667	65	64	20 - 120	1	30	
Carbazole	**0.405**	**0.408**	0.667	0.667	61	61	20 - 120	1	30	
Di-n-butylphthalate	**0.421**	**0.392**	0.667	0.667	63	59	20 - 120	7	30	
Fluoranthene	**0.435**	**0.432**	0.667	0.667	65	65	20 - 120	1	30	
Pyrene	**0.424**	**0.410**	0.667	0.667	64	61	53 - 113	3	20	
Butylbenzylphthalate	**0.394**	**0.399**	0.667	0.667	59	60	20 - 120	1	30	
bis-2-Ethylhexyladipate	**0.387**	**0.384**	0.667	0.667	58	58	20 - 120	1	30	
3,3'-Dichlorobenzidine	**0.396**	**0.380**	0.667	0.667	59	57	20 - 120	4	30	
Benzo[a]anthracene	**0.420**	**0.417**	0.667	0.667	63	63	20 - 120	1	30	
Chrysene	**0.417**	**0.402**	0.667	0.667	63	60	20 - 120	4	30	
bis(2-Ethylhexyl)phthalate	**0.406**	**0.395**	0.667	0.667	61	59	20 - 120	3	30	
Di-n-octylphthalate	**0.408**	**0.413**	0.667	0.667	61	62	20 - 120	1	30	
Benzo[b]fluoranthene	**0.439**	**0.406**	0.667	0.667	66	61	20 - 120	8	30	
Benzo(j,k)fluoranthene	**0.423**	**0.414**	0.667	0.667	63	62	20 - 120	2	30	
Benzo[a]pyrene	**0.437**	**0.428**	0.667	0.667	66	64	20 - 120	2	30	
Indeno[1,2,3-cd]pyrene	**0.427**	**0.425**	0.667	0.667	64	64	20 - 120	0	30	
Dibenz[a,h]anthracene	**0.429**	**0.429**	0.667	0.667	64	64	20 - 120	0	30	
Benzo[g,h,i]perylene	**0.425**	**0.415**	0.667	0.667	64	62	20 - 120	2	30	
Surrogate:										
2-Fluorophenol					*51*	*47*	*11 - 111*			
Phenol-d6					*56*	*50*	*26 - 117*			
Nitrobenzene-d5					*48*	*48*	*31 - 111*			
2-Fluorobiphenyl					*66*	*66*	*38 - 109*			
2,4,6-Tribromophenol					*66*	*71*	*27 - 127*			
Terphenyl-d14					*68*	*69*	*37 - 116*			

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-011
Project: WO-01 - Import Fill Sampling

PCBs EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-06**					
Laboratory ID:	09-011-01					
Aroclor 1016	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1221	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1232	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1242	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1248	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1254	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1260	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1262	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1268	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*85*	*50-127*				
Client ID:	**FS-090123-07**					
Laboratory ID:	09-011-02					
Aroclor 1016	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1221	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1232	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1242	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1248	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1254	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1260	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1262	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1268	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*91*	*50-127*				
Client ID:	**FS-090123-08**					
Laboratory ID:	09-011-03					
Aroclor 1016	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1221	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1232	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1242	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1248	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1254	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1260	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1262	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1268	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*97*	*50-127*				

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-011
Project: WO-01 - Import Fill Sampling

PCBs EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-09**					
Laboratory ID:	09-011-04					
Aroclor 1016	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1221	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1232	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1242	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1248	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1254	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1260	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1262	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1268	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*91*	*50-127*				
Client ID:	**FS-090123-10**					
Laboratory ID:	09-011-05					
Aroclor 1016	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1221	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1232	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1242	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1248	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1254	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1260	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1262	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Aroclor 1268	**ND**	0.0041	EPA 8082A	9-5-23	9-6-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*94*	*50-127*				

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-011
Project: WO-01 - Import Fill Sampling

PCBs EPA 8082A
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0905S1					
Aroclor 1016	**ND**	0.0040	EPA 8082A	9-5-23	9-5-23	
Aroclor 1221	**ND**	0.0040	EPA 8082A	9-5-23	9-5-23	
Aroclor 1232	**ND**	0.0040	EPA 8082A	9-5-23	9-5-23	
Aroclor 1242	**ND**	0.0040	EPA 8082A	9-5-23	9-5-23	
Aroclor 1248	**ND**	0.0040	EPA 8082A	9-5-23	9-5-23	
Aroclor 1254	**ND**	0.0040	EPA 8082A	9-5-23	9-5-23	
Aroclor 1260	**ND**	0.0040	EPA 8082A	9-5-23	9-5-23	
Aroclor 1262	**ND**	0.0040	EPA 8082A	9-5-23	9-5-23	
Aroclor 1268	**ND**	0.0040	EPA 8082A	9-5-23	9-5-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*91*	*50-127*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS											
Laboratory ID:	SB0905S1										
	SB	SBD	SB	SBD		SB	SBD				
Aroclor 1260	**0.439**	**0.438**	0.500	0.500	N/A	**88**	**88**	55-119	0	34	
Surrogate:											
DCB						*86*	*82*	*50-127*			

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-011
Project: WO-01 - Import Fill Sampling

TOTAL METALS
EPA 6020B/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-06**					
Laboratory ID:	09-011-01					
Arsenic	**2.6**	0.51	EPA 6020B	9-5-23	9-5-23	
Cadmium	**ND**	0.051	EPA 6020B	9-5-23	9-5-23	
Chromium	**13**	0.51	EPA 6020B	9-5-23	9-5-23	
Cobalt	**6.2**	0.13	EPA 6020B	9-5-23	9-5-23	
Copper	**16**	0.51	EPA 6020B	9-5-23	9-5-23	
Lead	**1.8**	0.51	EPA 6020B	9-5-23	9-5-23	
Mercury	**ND**	0.051	EPA 7471B	9-5-23	9-5-23	
Nickel	**18**	0.51	EPA 6020B	9-5-23	9-5-23	
Selenium	**ND**	0.13	EPA 6020B	9-5-23	9-5-23	
Silver	**ND**	0.051	EPA 6020B	9-5-23	9-5-23	
Vanadium	**20**	0.51	EPA 6020B	9-5-23	9-5-23	
Zinc	**25**	1.0	EPA 6020B	9-5-23	9-5-23	
Client ID:	**FS-090123-07**					
Laboratory ID:	09-011-02					
Arsenic	**2.3**	0.51	EPA 6020B	9-5-23	9-5-23	
Cadmium	**ND**	0.051	EPA 6020B	9-5-23	9-5-23	
Chromium	**11**	0.51	EPA 6020B	9-5-23	9-5-23	
Cobalt	**5.1**	0.13	EPA 6020B	9-5-23	9-5-23	
Copper	**13**	0.51	EPA 6020B	9-5-23	9-5-23	
Lead	**1.6**	0.51	EPA 6020B	9-5-23	9-5-23	
Mercury	**ND**	0.051	EPA 7471B	9-5-23	9-5-23	
Nickel	**16**	0.51	EPA 6020B	9-5-23	9-5-23	
Selenium	**ND**	0.13	EPA 6020B	9-5-23	9-5-23	
Silver	**0.11**	0.051	EPA 6020B	9-5-23	9-5-23	
Vanadium	**18**	0.51	EPA 6020B	9-5-23	9-5-23	
Zinc	**22**	0.51	EPA 6020B	9-5-23	9-5-23	

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-011
Project: WO-01 - Import Fill Sampling

TOTAL METALS
EPA 6020B/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-08**					
Laboratory ID:	09-011-03					
Arsenic	**2.3**	0.51	EPA 6020B	9-5-23	9-5-23	
Cadmium	**0.065**	0.051	EPA 6020B	9-5-23	9-5-23	
Chromium	**11**	0.51	EPA 6020B	9-5-23	9-5-23	
Cobalt	**5.3**	0.13	EPA 6020B	9-5-23	9-5-23	
Copper	**14**	0.51	EPA 6020B	9-5-23	9-5-23	
Lead	**2.3**	0.51	EPA 6020B	9-5-23	9-5-23	
Mercury	**ND**	0.051	EPA 7471B	9-5-23	9-5-23	
Nickel	**17**	0.51	EPA 6020B	9-5-23	9-5-23	
Selenium	**ND**	0.13	EPA 6020B	9-5-23	9-5-23	
Silver	**0.057**	0.051	EPA 6020B	9-5-23	9-5-23	
Vanadium	**16**	0.51	EPA 6020B	9-5-23	9-5-23	
Zinc	**22**	0.51	EPA 6020B	9-5-23	9-5-23	
Client ID:	**FS-090123-09**					
Laboratory ID:	09-011-04					
Arsenic	**2.0**	0.51	EPA 6020B	9-5-23	9-5-23	
Cadmium	**ND**	0.051	EPA 6020B	9-5-23	9-5-23	
Chromium	**9.5**	0.51	EPA 6020B	9-5-23	9-5-23	
Cobalt	**4.8**	0.13	EPA 6020B	9-5-23	9-5-23	
Copper	**12**	0.51	EPA 6020B	9-5-23	9-5-23	
Lead	**1.4**	0.51	EPA 6020B	9-5-23	9-5-23	
Mercury	**ND**	0.051	EPA 7471B	9-5-23	9-5-23	
Nickel	**15**	0.51	EPA 6020B	9-5-23	9-5-23	
Selenium	**ND**	0.13	EPA 6020B	9-5-23	9-5-23	
Silver	**ND**	0.051	EPA 6020B	9-5-23	9-5-23	
Vanadium	**14**	0.51	EPA 6020B	9-5-23	9-5-23	
Zinc	**20**	0.51	EPA 6020B	9-5-23	9-5-23	

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-011
Project: WO-01 - Import Fill Sampling

TOTAL METALS
EPA 6020B/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-090123-10**					
Laboratory ID:	09-011-05					
Arsenic	**2.1**	0.51	EPA 6020B	9-5-23	9-5-23	
Cadmium	**ND**	0.051	EPA 6020B	9-5-23	9-5-23	
Chromium	**9.5**	0.51	EPA 6020B	9-5-23	9-5-23	
Cobalt	**4.8**	0.13	EPA 6020B	9-5-23	9-5-23	
Copper	**12**	0.51	EPA 6020B	9-5-23	9-5-23	
Lead	**1.6**	0.51	EPA 6020B	9-5-23	9-5-23	
Mercury	**ND**	0.051	EPA 7471B	9-5-23	9-5-23	
Nickel	**14**	0.51	EPA 6020B	9-5-23	9-5-23	
Selenium	**ND**	0.13	EPA 6020B	9-5-23	9-5-23	
Silver	**ND**	0.051	EPA 6020B	9-5-23	9-5-23	
Vanadium	**17**	0.51	EPA 6020B	9-5-23	9-5-23	
Zinc	**19**	0.51	EPA 6020B	9-5-23	9-5-23	

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-011
Project: WO-01 - Import Fill Sampling

TOTAL METALS
EPA 6020B/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0905SM1					
Arsenic	**ND**	0.500	EPA 6020B	9-5-23	9-5-23	
Cadmium	**ND**	0.0500	EPA 6020B	9-5-23	9-5-23	
Chromium	**ND**	0.500	EPA 6020B	9-5-23	9-5-23	
Cobalt	**ND**	0.125	EPA 6020B	9-5-23	9-5-23	
Copper	**ND**	0.500	EPA 6020B	9-5-23	9-5-23	
Lead	**ND**	0.500	EPA 6020B	9-5-23	9-5-23	
Nickel	**ND**	0.500	EPA 6020B	9-5-23	9-5-23	
Selenium	**ND**	0.125	EPA 6020B	9-5-23	9-5-23	
Silver	**ND**	0.0500	EPA 6020B	9-5-23	9-5-23	
Vanadium	**ND**	0.500	EPA 6020B	9-5-23	9-5-23	
Zinc	**ND**	0.500	EPA 6020B	9-5-23	9-5-23	
Laboratory ID:	MB0905S1					
Mercury	**ND**	0.0500	EPA 7471B	9-5-23	9-5-23	

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-011
Project: WO-01 - Import Fill Sampling

TOTAL METALS
EPA 6020B/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	09-010-01										
	ORIG	DUP									
Arsenic	**2.55**	**2.34**	NA	NA		NA		NA	9	20	
Cadmium	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Chromium	**12.9**	**11.2**	NA	NA		NA		NA	14	20	
Cobalt	**5.58**	**5.30**	NA	NA		NA		NA	5	20	
Copper	**14.9**	**13.6**	NA	NA		NA		NA	9	20	
Lead	**2.01**	**1.85**	NA	NA		NA		NA	8	20	
Nickel	**17.4**	**16.0**	NA	NA		NA		NA	8	20	
Selenium	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Silver	**0.0770**	**ND**	NA	NA		NA		NA	NA	20	
Vanadium	**18.3**	**16.0**	NA	NA		NA		NA	13	20	
Zinc	**25.6**	**22.9**	NA	NA		NA		NA	11	20	
Laboratory ID:	08-358-03										
Mercury	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	09-010-01										
	MS	MSD	MS	MSD		MS	MSD				
Arsenic	**96.5**	**99.5**	100	100	2.55	**94**	**97**	75-125	3	20	
Cadmium	**52.0**	**52.0**	50.0	50.0	ND	**104**	**104**	75-125	0	20	
Chromium	**105**	**104**	100	100	12.9	**92**	**91**	75-125	0	20	
Cobalt	**59.5**	**57.0**	50.0	50.0	5.58	**108**	**103**	75-125	4	20	
Copper	**66.5**	**66.0**	50.0	50.0	14.9	**103**	**102**	75-125	1	20	
Lead	**249**	**252**	250	250	2.01	**99**	**100**	75-125	1	20	
Nickel	**120**	**120**	100	100	17.4	**103**	**103**	75-125	0	20	
Selenium	**102**	**98.5**	100	100	ND	**102**	**99**	75-125	3	20	
Silver	**45.8**	**45.5**	50.0	50.0	0.0770	**91**	**91**	75-125	1	20	
Vanadium	**60.0**	**60.5**	50.0	50.0	18.3	**84**	**85**	75-125	1	20	
Zinc	**123**	**122**	100	100	25.6	**97**	**96**	75-125	1	20	
Laboratory ID:	08-358-03										
Mercury	**0.515**	**0.514**	0.500	0.500	0.0482	**93**	**93**	80-120	0	20	

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Date of Report: September 6, 2023
Samples Submitted: September 1, 2023
Laboratory Reference: 2309-011
Project: WO-01 - Import Fill Sampling

% MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
FS-090123-06	09-011-01	**2**	9-5-23
FS-090123-07	09-011-02	**2**	9-5-23
FS-090123-08	09-011-03	**1**	9-5-23
FS-090123-09	09-011-04	**2**	9-5-23
FS-090123-10	09-011-05	**2**	9-5-23

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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Chain of Custody

Page 1 of 1

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: DH Environmental, Inc.

Project Number: WO-01 - Import Fill Sampling

Project Name: Former Jorgensen Forge Facility

Project Manager: David Hill

Sampled by: Travis Forslund

Turnaround Request (in working days)

(Check One)

☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☐ Standard (7 Days)
☒ Best Available
(other)

Laboratory Number: 09-011

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (SG Clean-up☐)	Volatiles 8260 8260C	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082 8082A	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664	TOTAL METALS - SEE METALS LIST IN COMMENTS				% Moisture
1	FS-090123-06	9/1/23	1251	Soil	5			X	X	X			X		X								X				X
2	FS-090123-07		1255	Soil	5			X	X	X			X		X								X				X
3	FS-090123-08		1259	Soil	5			X	X	X			X		X								X				X
4	FS-090123-09		1304	Soil	5			X	X	X			X		X								X				X
5	FS-090123-10		1307	Soil	5			X	X	X			X		X								X				X
	~~FS-090123~~																										

	Signature	Company	Date	Time
Relinquished		DH Environmental, Inc.	9/1/23	1455
Received		ALPHA	9/1/23	1455
Relinquished		ALPHA	9/1/23	1544
Received		ONC	9/1/23	1544
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Total Metals: arsenic (As), cadmium (Cd), chromium (Cr), copper (Cu), lead (Pb), mercury (Hg), nickel (Ni), selenium (Se), silver (Ag), vanadium (V), zinc (Zn) and cobalt (Co) by EPA Methods 200.8/6020.

Please send results to: data@dhenviro.com; davehill@dhenviro.com, nathan.moxley@dhenviro.com

Data Package: Standard ☒ Level III ☐ Level IV ☐

Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☒

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

September 13, 2023

David Hill
DH Environmental, Inc.
1011 SW Klickitat Way, Suite 107
Seattle, WA 98103

Re: Analytical Data for Project Jorgensen Import Fill Sampling
Laboratory Reference No. 2309-070

Dear David:

Enclosed are the analytical results and associated quality control data for samples submitted on September 11, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-070
Project: Jorgensen Import Fill Sampling

Case Narrative

Samples were collected on September 11, 2023 and received by the laboratory on September 11, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Volatiles EPA 8260D Analysis

The percent recovery for Styrene is outside the control limits in the Spike Blank Duplicate. The method allows for a percentage of the compounds to fall outside of the control limits due to the large number of analytes being spiked.

Semivolatiles EPA 8270E/SIM Analysis

Sample FS-091123-03 had one surrogate recovery outside of control limits. This is within allowance of our standard operating procedure as long as the recovery is above 10%.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-070
Project: Jorgensen Import Fill Sampling

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-01**					
Laboratory ID:	09-070-01					
Gasoline	**ND**	2.6	NWTPH-Gx	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*74*	*65-126*				
Client ID:	**FS-091123-02**					
Laboratory ID:	09-070-02					
Gasoline	**ND**	2.7	NWTPH-Gx	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*86*	*65-126*				
Client ID:	**FS-091123-03**					
Laboratory ID:	09-070-03					
Gasoline	**ND**	3.0	NWTPH-Gx	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*91*	*65-126*				
Client ID:	**FS-091123-04**					
Laboratory ID:	09-070-04					
Gasoline	**ND**	2.7	NWTPH-Gx	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*83*	*65-126*				
Client ID:	**FS-091123-05**					
Laboratory ID:	09-070-05					
Gasoline	**ND**	2.6	NWTPH-Gx	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*86*	*65-126*				

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-070
Project: Jorgensen Import Fill Sampling

GASOLINE RANGE ORGANICS
NWTPH-Gx
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0912S1					
Gasoline	**ND**	2.5	NWTPH-Gx	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*86*	*65-126*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	09-070-01										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*74*	*89*	*65-126*			

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-070
Project: Jorgensen Import Fill Sampling

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-01**					
Laboratory ID:	09-070-01					
Diesel Range Organics	**ND**	8.6	NWTPH-Dx	9-12-23	9-12-23	
Lube Oil Range Organics	**ND**	17	NWTPH-Dx	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*87*	*50-150*				
Client ID:	**FS-091123-02**					
Laboratory ID:	09-070-02					
Diesel Range Organics	**ND**	8.6	NWTPH-Dx	9-12-23	9-12-23	
Lube Oil Range Organics	**ND**	17	NWTPH-Dx	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*96*	*50-150*				
Client ID:	**FS-091123-03**					
Laboratory ID:	09-070-03					
Diesel Range Organics	**ND**	8.6	NWTPH-Dx	9-12-23	9-12-23	
Lube Oil Range Organics	**ND**	17	NWTPH-Dx	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*89*	*50-150*				
Client ID:	**FS-091123-04**					
Laboratory ID:	09-070-04					
Diesel Range Organics	**ND**	8.5	NWTPH-Dx	9-12-23	9-12-23	
Lube Oil Range Organics	**ND**	17	NWTPH-Dx	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*85*	*50-150*				
Client ID:	**FS-091123-05**					
Laboratory ID:	09-070-05					
Diesel Range Organics	**ND**	8.4	NWTPH-Dx	9-12-23	9-12-23	
Lube Oil Range Organics	**ND**	17	NWTPH-Dx	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*94*	*50-150*				

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-070
Project: Jorgensen Import Fill Sampling

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0912S1					
Diesel Range Organics	**ND**	8.3	NWTPH-Dx	9-12-23	9-12-23	
Lube Oil Range Organics	**ND**	17	NWTPH-Dx	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*85*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	09-079-01									
	ORIG	DUP								
Diesel Range	**ND**	**ND**	NA	NA		NA	NA	NA	40	
Lube Oil Range	**ND**	**ND**	NA	NA		NA	NA	NA	40	
Surrogate:										
o-Terphenyl						*74* *78*	*50-150*			

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-070
Project: Jorgensen Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-01**					
Laboratory ID:	09-070-01					
Dichlorodifluoromethane	ND	0.00081	EPA 8260D	9-12-23	9-12-23	
Chloromethane	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
Vinyl Chloride	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
Bromomethane	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
Chloroethane	ND	0.0011	EPA 8260D	9-12-23	9-12-23	
Trichlorofluoromethane	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
1,1-Dichloroethene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
Acetone	ND	0.0054	EPA 8260D	9-12-23	9-12-23	
Iodomethane	ND	0.0054	EPA 8260D	9-12-23	9-12-23	
Carbon Disulfide	ND	0.0014	EPA 8260D	9-12-23	9-12-23	
Methylene Chloride	ND	0.0054	EPA 8260D	9-12-23	9-12-23	
(trans) 1,2-Dichloroethene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
Methyl t-Butyl Ether	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
1,1-Dichloroethane	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
Vinyl Acetate	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
2,2-Dichloropropane	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
(cis) 1,2-Dichloroethene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
2-Butanone	ND	0.0054	EPA 8260D	9-12-23	9-12-23	
Bromochloromethane	ND	0.0011	EPA 8260D	9-12-23	9-12-23	
Chloroform	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
1,1,1-Trichloroethane	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
Carbon Tetrachloride	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
1,1-Dichloropropene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
Benzene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
1,2-Dichloroethane	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
Trichloroethene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
1,2-Dichloropropane	ND	0.0011	EPA 8260D	9-12-23	9-12-23	
Dibromomethane	ND	0.0011	EPA 8260D	9-12-23	9-12-23	
Bromodichloromethane	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
2-Chloroethyl Vinyl Ether	ND	0.0054	EPA 8260D	9-12-23	9-12-23	
(cis) 1,3-Dichloropropene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
Methyl Isobutyl Ketone	ND	0.0011	EPA 8260D	9-12-23	9-12-23	
Toluene	ND	0.0011	EPA 8260D	9-12-23	9-12-23	

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-070
Project: Jorgensen Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-01**					
Laboratory ID:	09-070-01					
(trans) 1,3-Dichloropropene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
1,1,2-Trichloroethane	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
Tetrachloroethene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
1,3-Dichloropropane	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
2-Hexanone	ND	0.0011	EPA 8260D	9-12-23	9-12-23	
Dibromochloromethane	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
1,2-Dibromoethane	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
Chlorobenzene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260D	9-12-23	9-12-23	
Ethylbenzene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
m,p-Xylene	ND	0.0011	EPA 8260D	9-12-23	9-12-23	
o-Xylene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
Styrene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
Bromoform	ND	0.0011	EPA 8260D	9-12-23	9-12-23	
Isopropylbenzene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
Bromobenzene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260D	9-12-23	9-12-23	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260D	9-12-23	9-12-23	
n-Propylbenzene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
2-Chlorotoluene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
4-Chlorotoluene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
1,3,5-Trimethylbenzene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
tert-Butylbenzene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
1,2,4-Trimethylbenzene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
sec-Butylbenzene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
1,3-Dichlorobenzene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
p-Isopropyltoluene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
1,4-Dichlorobenzene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
1,2-Dichlorobenzene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
n-Butylbenzene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
1,2-Dibromo-3-chloropropane	ND	0.0054	EPA 8260D	9-12-23	9-12-23	
1,2,4-Trichlorobenzene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
Hexachlorobutadiene	ND	0.0011	EPA 8260D	9-12-23	9-12-23	
Naphthalene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
1,2,3-Trichlorobenzene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*93*	*75-130*				
Toluene-d8	*94*	*78-128*				
4-Bromofluorobenzene	*93*	*71-130*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-070
Project: Jorgensen Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-02**					
Laboratory ID:	09-070-02					
Dichlorodifluoromethane	ND	0.00080	EPA 8260D	9-12-23	9-12-23	
Chloromethane	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
Vinyl Chloride	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
Bromomethane	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
Chloroethane	ND	0.0011	EPA 8260D	9-12-23	9-12-23	
Trichlorofluoromethane	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
1,1-Dichloroethene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
Acetone	ND	0.0054	EPA 8260D	9-12-23	9-12-23	
Iodomethane	ND	0.0054	EPA 8260D	9-12-23	9-12-23	
Carbon Disulfide	ND	0.0014	EPA 8260D	9-12-23	9-12-23	
Methylene Chloride	ND	0.0054	EPA 8260D	9-12-23	9-12-23	
(trans) 1,2-Dichloroethene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
Methyl t-Butyl Ether	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
1,1-Dichloroethane	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
Vinyl Acetate	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
2,2-Dichloropropane	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
(cis) 1,2-Dichloroethene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
2-Butanone	ND	0.0054	EPA 8260D	9-12-23	9-12-23	
Bromochloromethane	ND	0.0011	EPA 8260D	9-12-23	9-12-23	
Chloroform	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
1,1,1-Trichloroethane	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
Carbon Tetrachloride	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
1,1-Dichloropropene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
Benzene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
1,2-Dichloroethane	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
Trichloroethene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
1,2-Dichloropropane	ND	0.0011	EPA 8260D	9-12-23	9-12-23	
Dibromomethane	ND	0.0011	EPA 8260D	9-12-23	9-12-23	
Bromodichloromethane	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
2-Chloroethyl Vinyl Ether	ND	0.0054	EPA 8260D	9-12-23	9-12-23	
(cis) 1,3-Dichloropropene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
Methyl Isobutyl Ketone	ND	0.0011	EPA 8260D	9-12-23	9-12-23	
Toluene	ND	0.0011	EPA 8260D	9-12-23	9-12-23	

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-070
Project: Jorgensen Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-02**					
Laboratory ID:	09-070-02					
(trans) 1,3-Dichloropropene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
1,1,2-Trichloroethane	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
Tetrachloroethene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
1,3-Dichloropropane	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
2-Hexanone	ND	0.0011	EPA 8260D	9-12-23	9-12-23	
Dibromochloromethane	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
1,2-Dibromoethane	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
Chlorobenzene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260D	9-12-23	9-12-23	
Ethylbenzene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
m,p-Xylene	ND	0.0011	EPA 8260D	9-12-23	9-12-23	
o-Xylene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
Styrene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
Bromoform	ND	0.0011	EPA 8260D	9-12-23	9-12-23	
Isopropylbenzene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
Bromobenzene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260D	9-12-23	9-12-23	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260D	9-12-23	9-12-23	
n-Propylbenzene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
2-Chlorotoluene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
4-Chlorotoluene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
1,3,5-Trimethylbenzene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
tert-Butylbenzene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
1,2,4-Trimethylbenzene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
sec-Butylbenzene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
1,3-Dichlorobenzene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
p-Isopropyltoluene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
1,4-Dichlorobenzene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
1,2-Dichlorobenzene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
n-Butylbenzene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
1,2-Dibromo-3-chloropropane	ND	0.0054	EPA 8260D	9-12-23	9-12-23	
1,2,4-Trichlorobenzene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
Hexachlorobutadiene	ND	0.0011	EPA 8260D	9-12-23	9-12-23	
Naphthalene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
1,2,3-Trichlorobenzene	ND	0.00054	EPA 8260D	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*93*	*75-130*				
Toluene-d8	*94*	*78-128*				
4-Bromofluorobenzene	*92*	*71-130*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-070
Project: Jorgensen Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-03**					
Laboratory ID:	09-070-03					
Dichlorodifluoromethane	ND	0.00070	EPA 8260D	9-12-23	9-12-23	
Chloromethane	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
Vinyl Chloride	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
Bromomethane	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
Chloroethane	ND	0.00095	EPA 8260D	9-12-23	9-12-23	
Trichlorofluoromethane	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
1,1-Dichloroethene	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
Acetone	ND	0.0047	EPA 8260D	9-12-23	9-12-23	
Iodomethane	ND	0.0047	EPA 8260D	9-12-23	9-12-23	
Carbon Disulfide	ND	0.0012	EPA 8260D	9-12-23	9-12-23	
Methylene Chloride	ND	0.0047	EPA 8260D	9-12-23	9-12-23	
(trans) 1,2-Dichloroethene	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
Methyl t-Butyl Ether	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
1,1-Dichloroethane	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
Vinyl Acetate	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
2,2-Dichloropropane	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
(cis) 1,2-Dichloroethene	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
2-Butanone	ND	0.0047	EPA 8260D	9-12-23	9-12-23	
Bromochloromethane	ND	0.00095	EPA 8260D	9-12-23	9-12-23	
Chloroform	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
1,1,1-Trichloroethane	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
Carbon Tetrachloride	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
1,1-Dichloropropene	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
Benzene	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
1,2-Dichloroethane	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
Trichloroethene	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
1,2-Dichloropropane	ND	0.00095	EPA 8260D	9-12-23	9-12-23	
Dibromomethane	ND	0.00095	EPA 8260D	9-12-23	9-12-23	
Bromodichloromethane	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
2-Chloroethyl Vinyl Ether	ND	0.0047	EPA 8260D	9-12-23	9-12-23	
(cis) 1,3-Dichloropropene	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
Methyl Isobutyl Ketone	ND	0.00095	EPA 8260D	9-12-23	9-12-23	
Toluene	ND	0.00095	EPA 8260D	9-12-23	9-12-23	

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-070
Project: Jorgensen Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-03**					
Laboratory ID:	09-070-03					
(trans) 1,3-Dichloropropene	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
1,1,2-Trichloroethane	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
Tetrachloroethene	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
1,3-Dichloropropane	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
2-Hexanone	ND	0.00095	EPA 8260D	9-12-23	9-12-23	
Dibromochloromethane	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
1,2-Dibromoethane	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
Chlorobenzene	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
1,1,1,2-Tetrachloroethane	ND	0.00095	EPA 8260D	9-12-23	9-12-23	
Ethylbenzene	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
m,p-Xylene	ND	0.00095	EPA 8260D	9-12-23	9-12-23	
o-Xylene	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
Styrene	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
Bromoform	ND	0.00095	EPA 8260D	9-12-23	9-12-23	
Isopropylbenzene	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
Bromobenzene	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
1,1,2,2-Tetrachloroethane	ND	0.00095	EPA 8260D	9-12-23	9-12-23	
1,2,3-Trichloropropane	ND	0.00095	EPA 8260D	9-12-23	9-12-23	
n-Propylbenzene	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
2-Chlorotoluene	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
4-Chlorotoluene	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
1,3,5-Trimethylbenzene	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
tert-Butylbenzene	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
1,2,4-Trimethylbenzene	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
sec-Butylbenzene	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
1,3-Dichlorobenzene	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
p-Isopropyltoluene	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
1,4-Dichlorobenzene	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
1,2-Dichlorobenzene	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
n-Butylbenzene	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
1,2-Dibromo-3-chloropropane	ND	0.0047	EPA 8260D	9-12-23	9-12-23	
1,2,4-Trichlorobenzene	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
Hexachlorobutadiene	ND	0.00095	EPA 8260D	9-12-23	9-12-23	
Naphthalene	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
1,2,3-Trichlorobenzene	ND	0.00047	EPA 8260D	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*94*	*75-130*				
Toluene-d8	*93*	*78-128*				
4-Bromofluorobenzene	*94*	*71-130*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-070
Project: Jorgensen Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-04**					
Laboratory ID:	09-070-04					
Dichlorodifluoromethane	ND	0.00072	EPA 8260D	9-12-23	9-12-23	
Chloromethane	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
Vinyl Chloride	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
Bromomethane	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
Chloroethane	ND	0.00097	EPA 8260D	9-12-23	9-12-23	
Trichlorofluoromethane	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
1,1-Dichloroethene	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
Acetone	ND	0.0049	EPA 8260D	9-12-23	9-12-23	
Iodomethane	ND	0.0049	EPA 8260D	9-12-23	9-12-23	
Carbon Disulfide	ND	0.0013	EPA 8260D	9-12-23	9-12-23	
Methylene Chloride	ND	0.0049	EPA 8260D	9-12-23	9-12-23	
(trans) 1,2-Dichloroethene	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
Methyl t-Butyl Ether	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
1,1-Dichloroethane	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
Vinyl Acetate	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
2,2-Dichloropropane	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
(cis) 1,2-Dichloroethene	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
2-Butanone	ND	0.0049	EPA 8260D	9-12-23	9-12-23	
Bromochloromethane	ND	0.00097	EPA 8260D	9-12-23	9-12-23	
Chloroform	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
1,1,1-Trichloroethane	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
Carbon Tetrachloride	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
1,1-Dichloropropene	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
Benzene	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
1,2-Dichloroethane	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
Trichloroethene	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
1,2-Dichloropropane	ND	0.00097	EPA 8260D	9-12-23	9-12-23	
Dibromomethane	ND	0.00097	EPA 8260D	9-12-23	9-12-23	
Bromodichloromethane	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
2-Chloroethyl Vinyl Ether	ND	0.0049	EPA 8260D	9-12-23	9-12-23	
(cis) 1,3-Dichloropropene	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
Methyl Isobutyl Ketone	ND	0.00097	EPA 8260D	9-12-23	9-12-23	
Toluene	ND	0.00097	EPA 8260D	9-12-23	9-12-23	

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-070
Project: Jorgensen Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-04**					
Laboratory ID:	09-070-04					
(trans) 1,3-Dichloropropene	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
1,1,2-Trichloroethane	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
Tetrachloroethene	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
1,3-Dichloropropane	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
2-Hexanone	ND	0.00097	EPA 8260D	9-12-23	9-12-23	
Dibromochloromethane	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
1,2-Dibromoethane	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
Chlorobenzene	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
1,1,1,2-Tetrachloroethane	ND	0.00097	EPA 8260D	9-12-23	9-12-23	
Ethylbenzene	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
m,p-Xylene	ND	0.00097	EPA 8260D	9-12-23	9-12-23	
o-Xylene	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
Styrene	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
Bromoform	ND	0.00097	EPA 8260D	9-12-23	9-12-23	
Isopropylbenzene	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
Bromobenzene	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
1,1,2,2-Tetrachloroethane	ND	0.00097	EPA 8260D	9-12-23	9-12-23	
1,2,3-Trichloropropane	ND	0.00097	EPA 8260D	9-12-23	9-12-23	
n-Propylbenzene	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
2-Chlorotoluene	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
4-Chlorotoluene	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
1,3,5-Trimethylbenzene	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
tert-Butylbenzene	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
1,2,4-Trimethylbenzene	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
sec-Butylbenzene	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
1,3-Dichlorobenzene	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
p-Isopropyltoluene	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
1,4-Dichlorobenzene	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
1,2-Dichlorobenzene	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
n-Butylbenzene	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
1,2-Dibromo-3-chloropropane	ND	0.0049	EPA 8260D	9-12-23	9-12-23	
1,2,4-Trichlorobenzene	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
Hexachlorobutadiene	ND	0.00097	EPA 8260D	9-12-23	9-12-23	
Naphthalene	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
1,2,3-Trichlorobenzene	ND	0.00049	EPA 8260D	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*93*	*75-130*				
Toluene-d8	*94*	*78-128*				
4-Bromofluorobenzene	*94*	*71-130*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-070
Project: Jorgensen Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-05**					
Laboratory ID:	09-070-05					
Dichlorodifluoromethane	ND	0.00078	EPA 8260D	9-12-23	9-12-23	
Chloromethane	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
Vinyl Chloride	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
Bromomethane	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
Chloroethane	ND	0.0011	EPA 8260D	9-12-23	9-12-23	
Trichlorofluoromethane	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
1,1-Dichloroethene	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
Acetone	ND	0.0053	EPA 8260D	9-12-23	9-12-23	
Iodomethane	ND	0.0053	EPA 8260D	9-12-23	9-12-23	
Carbon Disulfide	ND	0.0014	EPA 8260D	9-12-23	9-12-23	
Methylene Chloride	ND	0.0053	EPA 8260D	9-12-23	9-12-23	
(trans) 1,2-Dichloroethene	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
Methyl t-Butyl Ether	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
1,1-Dichloroethane	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
Vinyl Acetate	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
2,2-Dichloropropane	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
(cis) 1,2-Dichloroethene	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
2-Butanone	ND	0.0053	EPA 8260D	9-12-23	9-12-23	
Bromochloromethane	ND	0.0011	EPA 8260D	9-12-23	9-12-23	
Chloroform	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
1,1,1-Trichloroethane	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
Carbon Tetrachloride	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
1,1-Dichloropropene	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
Benzene	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
1,2-Dichloroethane	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
Trichloroethene	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
1,2-Dichloropropane	ND	0.0011	EPA 8260D	9-12-23	9-12-23	
Dibromomethane	ND	0.0011	EPA 8260D	9-12-23	9-12-23	
Bromodichloromethane	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
2-Chloroethyl Vinyl Ether	ND	0.0053	EPA 8260D	9-12-23	9-12-23	
(cis) 1,3-Dichloropropene	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
Methyl Isobutyl Ketone	ND	0.0011	EPA 8260D	9-12-23	9-12-23	
Toluene	ND	0.0011	EPA 8260D	9-12-23	9-12-23	

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-070
Project: Jorgensen Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-05**					
Laboratory ID:	09-070-05					
(trans) 1,3-Dichloropropene	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
1,1,2-Trichloroethane	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
Tetrachloroethene	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
1,3-Dichloropropane	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
2-Hexanone	ND	0.0011	EPA 8260D	9-12-23	9-12-23	
Dibromochloromethane	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
1,2-Dibromoethane	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
Chlorobenzene	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260D	9-12-23	9-12-23	
Ethylbenzene	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
m,p-Xylene	ND	0.0011	EPA 8260D	9-12-23	9-12-23	
o-Xylene	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
Styrene	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
Bromoform	ND	0.0011	EPA 8260D	9-12-23	9-12-23	
Isopropylbenzene	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
Bromobenzene	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260D	9-12-23	9-12-23	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260D	9-12-23	9-12-23	
n-Propylbenzene	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
2-Chlorotoluene	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
4-Chlorotoluene	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
1,3,5-Trimethylbenzene	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
tert-Butylbenzene	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
1,2,4-Trimethylbenzene	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
sec-Butylbenzene	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
1,3-Dichlorobenzene	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
p-Isopropyltoluene	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
1,4-Dichlorobenzene	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
1,2-Dichlorobenzene	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
n-Butylbenzene	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
1,2-Dibromo-3-chloropropane	ND	0.0053	EPA 8260D	9-12-23	9-12-23	
1,2,4-Trichlorobenzene	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
Hexachlorobutadiene	ND	0.0011	EPA 8260D	9-12-23	9-12-23	
Naphthalene	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
1,2,3-Trichlorobenzene	ND	0.00053	EPA 8260D	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*95*	*75-130*				
Toluene-d8	*92*	*78-128*				
4-Bromofluorobenzene	*94*	*71-130*				

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-070
Project: Jorgensen Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0912S2					
Dichlorodifluoromethane	ND	0.00074	EPA 8260D	9-12-23	9-12-23	
Chloromethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Vinyl Chloride	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Bromomethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Chloroethane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Trichlorofluoromethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,1-Dichloroethene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Acetone	ND	0.0050	EPA 8260D	9-12-23	9-12-23	
Iodomethane	ND	0.0050	EPA 8260D	9-12-23	9-12-23	
Carbon Disulfide	ND	0.0013	EPA 8260D	9-12-23	9-12-23	
Methylene Chloride	ND	0.0050	EPA 8260D	9-12-23	9-12-23	
(trans) 1,2-Dichloroethene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Methyl t-Butyl Ether	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,1-Dichloroethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Vinyl Acetate	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
2,2-Dichloropropane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
(cis) 1,2-Dichloroethene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
2-Butanone	ND	0.0050	EPA 8260D	9-12-23	9-12-23	
Bromochloromethane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Chloroform	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,1,1-Trichloroethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Carbon Tetrachloride	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,1-Dichloropropene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Benzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,2-Dichloroethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Trichloroethene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,2-Dichloropropane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Dibromomethane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Bromodichloromethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260D	9-12-23	9-12-23	
(cis) 1,3-Dichloropropene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Methyl Isobutyl Ketone	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Toluene	ND	0.0010	EPA 8260D	9-12-23	9-12-23	

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-070
Project: Jorgensen Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0912S2					
(trans) 1,3-Dichloropropene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,1,2-Trichloroethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Tetrachloroethene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,3-Dichloropropane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
2-Hexanone	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Dibromochloromethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,2-Dibromoethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Chlorobenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Ethylbenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
m,p-Xylene	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
o-Xylene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Styrene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Bromoform	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Isopropylbenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Bromobenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
n-Propylbenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
2-Chlorotoluene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
4-Chlorotoluene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,3,5-Trimethylbenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
tert-Butylbenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,2,4-Trimethylbenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
sec-Butylbenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,3-Dichlorobenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
p-Isopropyltoluene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,4-Dichlorobenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,2-Dichlorobenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
n-Butylbenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260D	9-12-23	9-12-23	
1,2,4-Trichlorobenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Hexachlorobutadiene	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Naphthalene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,2,3-Trichlorobenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*100*	*75-130*				
Toluene-d8	*93*	*78-128*				
4-Bromofluorobenzene	*93*	*71-130*				

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-070
Project: Jorgensen Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0912S2									
	SB	SBD	SB	SBD	SB	SBD				
Dichlorodifluoromethane	**0.0338**	**0.0343**	0.0500	0.0500	68	69	30-160	1	26	
Chloromethane	**0.0445**	**0.0441**	0.0500	0.0500	89	88	59-131	1	26	
Vinyl Chloride	**0.0407**	**0.0422**	0.0500	0.0500	81	84	68-136	4	23	
Bromomethane	**0.0423**	**0.0460**	0.0500	0.0500	85	92	48-155	8	32	
Chloroethane	**0.0454**	**0.0460**	0.0500	0.0500	91	92	67-141	1	16	
Trichlorofluoromethane	**0.0449**	**0.0469**	0.0500	0.0500	90	94	76-127	4	19	
1,1-Dichloroethene	**0.0464**	**0.0500**	0.0500	0.0500	93	100	75-129	7	19	
Acetone	**0.0574**	**0.0586**	0.0500	0.0500	115	117	49-158	2	37	
Iodomethane	**0.0401**	**0.0438**	0.0500	0.0500	80	88	37-140	9	27	
Carbon Disulfide	**0.0393**	**0.0393**	0.0500	0.0500	79	79	41-143	0	19	
Methylene Chloride	**0.0471**	**0.0486**	0.0500	0.0500	94	97	60-124	3	18	
(trans) 1,2-Dichloroethene	**0.0477**	**0.0506**	0.0500	0.0500	95	101	79-133	6	15	
Methyl t-Butyl Ether	**0.0489**	**0.0496**	0.0500	0.0500	98	99	73-125	1	17	
1,1-Dichloroethane	**0.0471**	**0.0490**	0.0500	0.0500	94	98	79-125	4	17	
Vinyl Acetate	**0.0542**	**0.0526**	0.0500	0.0500	108	105	51-145	3	41	
2,2-Dichloropropane	**0.0463**	**0.0510**	0.0500	0.0500	93	102	79-126	10	18	
(cis) 1,2-Dichloroethene	**0.0466**	**0.0486**	0.0500	0.0500	93	97	75-131	4	15	
2-Butanone	**0.0545**	**0.0561**	0.0500	0.0500	109	112	54-145	3	32	
Bromochloromethane	**0.0477**	**0.0494**	0.0500	0.0500	95	99	80-126	4	15	
Chloroform	**0.0476**	**0.0500**	0.0500	0.0500	95	100	80-123	5	15	
1,1,1-Trichloroethane	**0.0466**	**0.0491**	0.0500	0.0500	93	98	78-124	5	21	
Carbon Tetrachloride	**0.0463**	**0.0501**	0.0500	0.0500	93	100	74-127	8	18	
1,1-Dichloropropene	**0.0477**	**0.0513**	0.0500	0.0500	95	103	80-123	7	15	
Benzene	**0.0467**	**0.0492**	0.0500	0.0500	93	98	80-122	5	18	
1,2-Dichloroethane	**0.0469**	**0.0472**	0.0500	0.0500	94	94	75-124	1	15	
Trichloroethene	**0.0460**	**0.0506**	0.0500	0.0500	92	101	80-129	10	18	
1,2-Dichloropropane	**0.0473**	**0.0509**	0.0500	0.0500	95	102	80-123	7	15	
Dibromomethane	**0.0463**	**0.0460**	0.0500	0.0500	93	92	80-123	1	15	
Bromodichloromethane	**0.0473**	**0.0501**	0.0500	0.0500	95	100	80-129	6	15	
(cis) 1,3-Dichloropropene	**0.0508**	**0.0535**	0.0500	0.0500	102	107	80-130	5	15	
Methyl Isobutyl Ketone	**0.0525**	**0.0529**	0.0500	0.0500	105	106	63-137	1	27	
Toluene	**0.0437**	**0.0468**	0.0500	0.0500	87	94	80-120	7	18	
(trans) 1,3-Dichloropropene	**0.0533**	**0.0560**	0.0500	0.0500	107	112	80-124	5	15	

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-070
Project: Jorgensen Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 2 of 2

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0912S2									
	SB	SBD	SB	SBD	SB	SBD				
1,1,2-Trichloroethane	**0.0526**	**0.0538**	0.0500	0.0500	105	108	80-120	2	15	
Tetrachloroethene	**0.0521**	**0.0571**	0.0500	0.0500	104	114	77-126	9	15	
1,3-Dichloropropane	**0.0505**	**0.0538**	0.0500	0.0500	101	108	77-123	6	15	
2-Hexanone	**0.0569**	**0.0580**	0.0500	0.0500	114	116	53-137	2	29	
Dibromochloromethane	**0.0519**	**0.0537**	0.0500	0.0500	104	107	80-128	3	16	
1,2-Dibromoethane	**0.0517**	**0.0544**	0.0500	0.0500	103	109	80-122	5	20	
Chlorobenzene	**0.0502**	**0.0543**	0.0500	0.0500	100	109	80-120	8	18	
1,1,1,2-Tetrachloroethane	**0.0500**	**0.0540**	0.0500	0.0500	100	108	80-120	8	15	
Ethylbenzene	**0.0507**	**0.0558**	0.0500	0.0500	101	112	80-120	10	15	
m,p-Xylene	**0.099**	**0.109**	0.100	0.100	99	109	80-120	10	15	
o-Xylene	**0.0501**	**0.0540**	0.0500	0.0500	100	108	80-120	7	15	
Styrene	**0.0566**	**0.0622**	0.0500	0.0500	113	124	80-122	9	15	I
Bromoform	**0.0495**	**0.0523**	0.0500	0.0500	99	105	78-126	6	15	
Isopropylbenzene	**0.0530**	**0.0585**	0.0500	0.0500	106	117	80-125	10	15	
Bromobenzene	**0.0539**	**0.0576**	0.0500	0.0500	108	115	79-124	7	15	
1,1,2,2-Tetrachloroethane	**0.0548**	**0.0558**	0.0500	0.0500	110	112	75-122	2	17	
1,2,3-Trichloropropane	**0.0557**	**0.0586**	0.0500	0.0500	111	117	72-125	5	20	
n-Propylbenzene	**0.0537**	**0.0598**	0.0500	0.0500	107	120	77-126	11	16	
2-Chlorotoluene	**0.0543**	**0.0583**	0.0500	0.0500	109	117	75-128	7	15	
4-Chlorotoluene	**0.0557**	**0.0603**	0.0500	0.0500	111	121	78-127	8	16	
1,3,5-Trimethylbenzene	**0.0560**	**0.0618**	0.0500	0.0500	112	124	77-128	10	15	
tert-Butylbenzene	**0.0559**	**0.0611**	0.0500	0.0500	112	122	73-130	9	20	
1,2,4-Trimethylbenzene	**0.0547**	**0.0601**	0.0500	0.0500	109	120	77-125	9	16	
sec-Butylbenzene	**0.0560**	**0.0628**	0.0500	0.0500	112	126	75-130	11	17	
1,3-Dichlorobenzene	**0.0509**	**0.0565**	0.0500	0.0500	102	113	78-123	10	17	
p-Isopropyltoluene	**0.0558**	**0.0645**	0.0500	0.0500	112	129	75-130	14	18	
1,4-Dichlorobenzene	**0.0521**	**0.0580**	0.0500	0.0500	104	116	77-121	11	17	
1,2-Dichlorobenzene	**0.0534**	**0.0575**	0.0500	0.0500	107	115	80-120	7	15	
n-Butylbenzene	**0.0569**	**0.0640**	0.0500	0.0500	114	128	76-131	12	20	
1,2-Dibromo-3-chloropropane	**0.0561**	**0.0577**	0.0500	0.0500	112	115	61-137	3	28	
1,2,4-Trichlorobenzene	**0.0537**	**0.0612**	0.0500	0.0500	107	122	77-127	13	17	
Hexachlorobutadiene	**0.0468**	**0.0522**	0.0500	0.0500	94	104	77-125	11	22	
Naphthalene	**0.0561**	**0.0596**	0.0500	0.0500	112	119	68-129	6	19	
1,2,3-Trichlorobenzene	**0.0560**	**0.0614**	0.0500	0.0500	112	123	77-124	9	19	
Surrogate:										
Dibromofluoromethane					*98*	*93*	*75-130*			
Toluene-d8					*94*	*94*	*78-128*			
4-Bromofluorobenzene					*99*	*103*	*71-130*			

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-070
Project: Jorgensen Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-01**					
Laboratory ID:	09-070-01					
n-Nitrosodimethylamine	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Pyridine	**ND**	0.21	EPA 8270E	9-12-23	9-12-23	
Phenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Aniline	**ND**	0.10	EPA 8270E	9-12-23	9-12-23	
bis(2-Chloroethyl)ether	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2-Chlorophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
1,3-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
1,4-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Benzyl alcohol	**ND**	0.041	EPA 8270E	9-12-23	9-12-23	
1,2-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2-Methylphenol (o-Cresol)	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
bis(2-Chloroisopropyl)ether	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
n-Nitroso-di-n-propylamine	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Hexachloroethane	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Nitrobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Isophorone	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2-Nitrophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2,4-Dimethylphenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
bis(2-Chloroethoxy)methane	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2,4-Dichlorophenol	**ND**	0.041	EPA 8270E	9-12-23	9-12-23	
1,2,4-Trichlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Naphthalene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
4-Chloroaniline	**ND**	0.041	EPA 8270E	9-12-23	9-12-23	
Hexachlorobutadiene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
4-Chloro-3-methylphenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
1-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Hexachlorocyclopentadiene	**ND**	0.12	EPA 8270E	9-12-23	9-12-23	
2,4,6-Trichlorophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2,3-Dichloroaniline	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2,4,5-Trichlorophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2-Chloronaphthalene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2-Nitroaniline	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
1,4-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Dimethylphthalate	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
1,3-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2,6-Dinitrotoluene	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
1,2-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Acenaphthylene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
3-Nitroaniline	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-070
Project: Jorgensen Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-01**					
Laboratory ID:	09-070-01					
2,4-Dinitrophenol	**ND**	0.28	EPA 8270E	9-12-23	9-12-23	
Acenaphthene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
4-Nitrophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2,4-Dinitrotoluene	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Dibenzofuran	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2,3,5,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2,3,4,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Diethylphthalate	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
4-Chlorophenyl-phenylether	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
4-Nitroaniline	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Fluorene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
4,6-Dinitro-2-methylphenol	**ND**	0.12	EPA 8270E	9-12-23	9-12-23	
n-Nitrosodiphenylamine	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
1,2-Diphenylhydrazine	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
4-Bromophenyl-phenylether	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Hexachlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Pentachlorophenol	**ND**	0.041	EPA 8270E	9-12-23	9-12-23	
Phenanthrene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Anthracene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Carbazole	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Di-n-butylphthalate	**ND**	0.10	EPA 8270E	9-12-23	9-12-23	
Fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Pyrene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Butylbenzylphthalate	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
bis-2-Ethylhexyladipate	**ND**	0.10	EPA 8270E	9-12-23	9-12-23	
3,3'-Dichlorobenzidine	**ND**	0.13	EPA 8270E	9-12-23	9-12-23	
Benzo[a]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Chrysene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	9-12-23	9-12-23	
Di-n-octylphthalate	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Benzo[b]fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Benzo(j,k)fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Benzo[a]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Dibenz[a,h]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Benzo[g,h,i]perylene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*81*	*11 - 111*				
Phenol-d6	*70*	*26 - 117*				
Nitrobenzene-d5	*80*	*31 - 111*				
2-Fluorobiphenyl	*80*	*38 - 109*				
2,4,6-Tribromophenol	*93*	*27 - 127*				
Terphenyl-d14	*89*	*37 - 116*				

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Samples Submitted: September 11, 2023
Laboratory Reference: 2309-070
Project: Jorgensen Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-02**					
Laboratory ID:	09-070-02					
n-Nitrosodimethylamine	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Pyridine	**ND**	0.21	EPA 8270E	9-12-23	9-12-23	
Phenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Aniline	**ND**	0.10	EPA 8270E	9-12-23	9-12-23	
bis(2-Chloroethyl)ether	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2-Chlorophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
1,3-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
1,4-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Benzyl alcohol	**ND**	0.041	EPA 8270E	9-12-23	9-12-23	
1,2-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2-Methylphenol (o-Cresol)	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
bis(2-Chloroisopropyl)ether	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
n-Nitroso-di-n-propylamine	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Hexachloroethane	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Nitrobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Isophorone	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2-Nitrophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2,4-Dimethylphenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
bis(2-Chloroethoxy)methane	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2,4-Dichlorophenol	**ND**	0.041	EPA 8270E	9-12-23	9-12-23	
1,2,4-Trichlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Naphthalene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
4-Chloroaniline	**ND**	0.041	EPA 8270E	9-12-23	9-12-23	
Hexachlorobutadiene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
4-Chloro-3-methylphenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
1-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Hexachlorocyclopentadiene	**ND**	0.12	EPA 8270E	9-12-23	9-12-23	
2,4,6-Trichlorophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2,3-Dichloroaniline	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2,4,5-Trichlorophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2-Chloronaphthalene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2-Nitroaniline	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
1,4-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Dimethylphthalate	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
1,3-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2,6-Dinitrotoluene	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
1,2-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Acenaphthylene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
3-Nitroaniline	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-070
Project: Jorgensen Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-02**					
Laboratory ID:	09-070-02					
2,4-Dinitrophenol	**ND**	0.28	EPA 8270E	9-12-23	9-12-23	
Acenaphthene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
4-Nitrophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2,4-Dinitrotoluene	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Dibenzofuran	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2,3,5,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2,3,4,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Diethylphthalate	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
4-Chlorophenyl-phenylether	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
4-Nitroaniline	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Fluorene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
4,6-Dinitro-2-methylphenol	**ND**	0.12	EPA 8270E	9-12-23	9-12-23	
n-Nitrosodiphenylamine	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
1,2-Diphenylhydrazine	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
4-Bromophenyl-phenylether	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Hexachlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Pentachlorophenol	**ND**	0.041	EPA 8270E	9-12-23	9-12-23	
Phenanthrene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Anthracene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Carbazole	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Di-n-butylphthalate	**ND**	0.10	EPA 8270E	9-12-23	9-12-23	
Fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Pyrene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Butylbenzylphthalate	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
bis-2-Ethylhexyladipate	**ND**	0.10	EPA 8270E	9-12-23	9-12-23	
3,3'-Dichlorobenzidine	**ND**	0.13	EPA 8270E	9-12-23	9-12-23	
Benzo[a]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Chrysene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	9-12-23	9-12-23	
Di-n-octylphthalate	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Benzo[b]fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Benzo(j,k)fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Benzo[a]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Dibenz[a,h]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Benzo[g,h,i]perylene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*67*	*11 - 111*				
Phenol-d6	*63*	*26 - 117*				
Nitrobenzene-d5	*66*	*31 - 111*				
2-Fluorobiphenyl	*71*	*38 - 109*				
2,4,6-Tribromophenol	*85*	*27 - 127*				
Terphenyl-d14	*78*	*37 - 116*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-070
Project: Jorgensen Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-03**					
Laboratory ID:	09-070-03					
n-Nitrosodimethylamine	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Pyridine	**ND**	0.21	EPA 8270E	9-12-23	9-12-23	
Phenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Aniline	**ND**	0.10	EPA 8270E	9-12-23	9-12-23	
bis(2-Chloroethyl)ether	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2-Chlorophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
1,3-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
1,4-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Benzyl alcohol	**ND**	0.041	EPA 8270E	9-12-23	9-12-23	
1,2-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2-Methylphenol (o-Cresol)	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
bis(2-Chloroisopropyl)ether	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
n-Nitroso-di-n-propylamine	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Hexachloroethane	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Nitrobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Isophorone	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2-Nitrophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2,4-Dimethylphenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
bis(2-Chloroethoxy)methane	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2,4-Dichlorophenol	**ND**	0.041	EPA 8270E	9-12-23	9-12-23	
1,2,4-Trichlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Naphthalene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
4-Chloroaniline	**ND**	0.041	EPA 8270E	9-12-23	9-12-23	
Hexachlorobutadiene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
4-Chloro-3-methylphenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
1-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Hexachlorocyclopentadiene	**ND**	0.12	EPA 8270E	9-12-23	9-12-23	
2,4,6-Trichlorophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2,3-Dichloroaniline	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2,4,5-Trichlorophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2-Chloronaphthalene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2-Nitroaniline	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
1,4-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Dimethylphthalate	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
1,3-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2,6-Dinitrotoluene	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
1,2-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Acenaphthylene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
3-Nitroaniline	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-070
Project: Jorgensen Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-03**					
Laboratory ID:	09-070-03					
2,4-Dinitrophenol	**ND**	0.28	EPA 8270E	9-12-23	9-12-23	
Acenaphthene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
4-Nitrophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2,4-Dinitrotoluene	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Dibenzofuran	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2,3,5,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2,3,4,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Diethylphthalate	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
4-Chlorophenyl-phenylether	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
4-Nitroaniline	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Fluorene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
4,6-Dinitro-2-methylphenol	**ND**	0.12	EPA 8270E	9-12-23	9-12-23	
n-Nitrosodiphenylamine	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
1,2-Diphenylhydrazine	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
4-Bromophenyl-phenylether	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Hexachlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Pentachlorophenol	**ND**	0.041	EPA 8270E	9-12-23	9-12-23	
Phenanthrene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Anthracene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Carbazole	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Di-n-butylphthalate	**ND**	0.10	EPA 8270E	9-12-23	9-12-23	
Fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Pyrene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Butylbenzylphthalate	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
bis-2-Ethylhexyladipate	**ND**	0.10	EPA 8270E	9-12-23	9-12-23	
3,3'-Dichlorobenzidine	**ND**	0.13	EPA 8270E	9-12-23	9-12-23	
Benzo[a]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Chrysene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	9-12-23	9-12-23	
Di-n-octylphthalate	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Benzo[b]fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Benzo(j,k)fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Benzo[a]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Dibenz[a,h]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Benzo[g,h,i]perylene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*34*	*11 - 111*				
Phenol-d6	*29*	*26 - 117*				
Nitrobenzene-d5	*32*	*31 - 111*				
2-Fluorobiphenyl	*32*	*38 - 109*				Q
2,4,6-Tribromophenol	*41*	*27 - 127*				
Terphenyl-d14	*38*	*37 - 116*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-070
Project: Jorgensen Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-04**					
Laboratory ID:	09-070-04					
n-Nitrosodimethylamine	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
Pyridine	**ND**	0.20	EPA 8270E	9-12-23	9-12-23	
Phenol	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
Aniline	**ND**	0.10	EPA 8270E	9-12-23	9-12-23	
bis(2-Chloroethyl)ether	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2-Chlorophenol	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
1,3-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
1,4-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Benzyl alcohol	**ND**	0.041	EPA 8270E	9-12-23	9-12-23	
1,2-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2-Methylphenol (o-Cresol)	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
bis(2-Chloroisopropyl)ether	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
n-Nitroso-di-n-propylamine	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Hexachloroethane	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Nitrobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Isophorone	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2-Nitrophenol	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
2,4-Dimethylphenol	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
bis(2-Chloroethoxy)methane	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2,4-Dichlorophenol	**ND**	0.041	EPA 8270E	9-12-23	9-12-23	
1,2,4-Trichlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Naphthalene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
4-Chloroaniline	**ND**	0.041	EPA 8270E	9-12-23	9-12-23	
Hexachlorobutadiene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
4-Chloro-3-methylphenol	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
2-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
1-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Hexachlorocyclopentadiene	**ND**	0.12	EPA 8270E	9-12-23	9-12-23	
2,4,6-Trichlorophenol	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
2,3-Dichloroaniline	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
2,4,5-Trichlorophenol	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
2-Chloronaphthalene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2-Nitroaniline	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
1,4-Dinitrobenzene	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
Dimethylphthalate	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
1,3-Dinitrobenzene	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
2,6-Dinitrotoluene	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
1,2-Dinitrobenzene	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
Acenaphthylene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
3-Nitroaniline	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-070
Project: Jorgensen Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-04**					
Laboratory ID:	09-070-04					
2,4-Dinitrophenol	**ND**	0.28	EPA 8270E	9-12-23	9-12-23	
Acenaphthene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
4-Nitrophenol	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
2,4-Dinitrotoluene	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
Dibenzofuran	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2,3,5,6-Tetrachlorophenol	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
2,3,4,6-Tetrachlorophenol	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
Diethylphthalate	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
4-Chlorophenyl-phenylether	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
4-Nitroaniline	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
Fluorene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
4,6-Dinitro-2-methylphenol	**ND**	0.12	EPA 8270E	9-12-23	9-12-23	
n-Nitrosodiphenylamine	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
1,2-Diphenylhydrazine	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
4-Bromophenyl-phenylether	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Hexachlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Pentachlorophenol	**ND**	0.041	EPA 8270E	9-12-23	9-12-23	
Phenanthrene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Anthracene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Carbazole	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Di-n-butylphthalate	**ND**	0.10	EPA 8270E	9-12-23	9-12-23	
Fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Pyrene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Butylbenzylphthalate	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
bis-2-Ethylhexyladipate	**ND**	0.10	EPA 8270E	9-12-23	9-12-23	
3,3'-Dichlorobenzidine	**ND**	0.13	EPA 8270E	9-12-23	9-12-23	
Benzo[a]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Chrysene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	9-12-23	9-12-23	
Di-n-octylphthalate	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
Benzo[b]fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Benzo(j,k)fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Benzo[a]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Dibenz[a,h]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Benzo[g,h,i]perylene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*63*	*11 - 111*				
Phenol-d6	*65*	*26 - 117*				
Nitrobenzene-d5	*62*	*31 - 111*				
2-Fluorobiphenyl	*76*	*38 - 109*				
2,4,6-Tribromophenol	*94*	*27 - 127*				
Terphenyl-d14	*94*	*37 - 116*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-070
Project: Jorgensen Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-05**					
Laboratory ID:	09-070-05					
n-Nitrosodimethylamine	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
Pyridine	**ND**	0.20	EPA 8270E	9-12-23	9-12-23	
Phenol	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
Aniline	**ND**	0.10	EPA 8270E	9-12-23	9-12-23	
bis(2-Chloroethyl)ether	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2-Chlorophenol	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
1,3-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
1,4-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Benzyl alcohol	**ND**	0.040	EPA 8270E	9-12-23	9-12-23	
1,2-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2-Methylphenol (o-Cresol)	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
bis(2-Chloroisopropyl)ether	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
n-Nitroso-di-n-propylamine	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Hexachloroethane	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Nitrobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Isophorone	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2-Nitrophenol	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
2,4-Dimethylphenol	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
bis(2-Chloroethoxy)methane	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2,4-Dichlorophenol	**ND**	0.040	EPA 8270E	9-12-23	9-12-23	
1,2,4-Trichlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Naphthalene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
4-Chloroaniline	**ND**	0.040	EPA 8270E	9-12-23	9-12-23	
Hexachlorobutadiene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
4-Chloro-3-methylphenol	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
2-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
1-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Hexachlorocyclopentadiene	**ND**	0.12	EPA 8270E	9-12-23	9-12-23	
2,4,6-Trichlorophenol	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
2,3-Dichloroaniline	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
2,4,5-Trichlorophenol	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
2-Chloronaphthalene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2-Nitroaniline	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
1,4-Dinitrobenzene	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
Dimethylphthalate	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
1,3-Dinitrobenzene	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
2,6-Dinitrotoluene	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
1,2-Dinitrobenzene	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
Acenaphthylene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
3-Nitroaniline	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-070
Project: Jorgensen Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-05**					
Laboratory ID:	09-070-05					
2,4-Dinitrophenol	**ND**	0.28	EPA 8270E	9-12-23	9-12-23	
Acenaphthene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
4-Nitrophenol	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
2,4-Dinitrotoluene	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
Dibenzofuran	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2,3,5,6-Tetrachlorophenol	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
2,3,4,6-Tetrachlorophenol	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
Diethylphthalate	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
4-Chlorophenyl-phenylether	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
4-Nitroaniline	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
Fluorene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
4,6-Dinitro-2-methylphenol	**ND**	0.12	EPA 8270E	9-12-23	9-12-23	
n-Nitrosodiphenylamine	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
1,2-Diphenylhydrazine	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
4-Bromophenyl-phenylether	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Hexachlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Pentachlorophenol	**ND**	0.040	EPA 8270E	9-12-23	9-12-23	
Phenanthrene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Anthracene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Carbazole	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Di-n-butylphthalate	**ND**	0.10	EPA 8270E	9-12-23	9-12-23	
Fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Pyrene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Butylbenzylphthalate	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
bis-2-Ethylhexyladipate	**ND**	0.10	EPA 8270E	9-12-23	9-12-23	
3,3'-Dichlorobenzidine	**ND**	0.13	EPA 8270E	9-12-23	9-12-23	
Benzo[a]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Chrysene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	9-12-23	9-12-23	
Di-n-octylphthalate	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
Benzo[b]fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Benzo(j,k)fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Benzo[a]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Dibenz[a,h]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Benzo[g,h,i]perylene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*70*	*11 - 111*				
Phenol-d6	*69*	*26 - 117*				
Nitrobenzene-d5	*66*	*31 - 111*				
2-Fluorobiphenyl	*80*	*38 - 109*				
2,4,6-Tribromophenol	*107*	*27 - 127*				
Terphenyl-d14	*95*	*37 - 116*				

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-070
Project: Jorgensen Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
QUALITY CONTROL
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0912S1					
n-Nitrosodimethylamine	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
Pyridine	**ND**	0.20	EPA 8270E	9-12-23	9-12-23	
Phenol	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
Aniline	**ND**	0.10	EPA 8270E	9-12-23	9-12-23	
bis(2-Chloroethyl)ether	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2-Chlorophenol	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
1,3-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
1,4-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Benzyl alcohol	**ND**	0.040	EPA 8270E	9-12-23	9-12-23	
1,2-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2-Methylphenol (o-Cresol)	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
bis(2-Chloroisopropyl)ether	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
n-Nitroso-di-n-propylamine	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Hexachloroethane	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Nitrobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Isophorone	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2-Nitrophenol	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
2,4-Dimethylphenol	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
bis(2-Chloroethoxy)methane	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2,4-Dichlorophenol	**ND**	0.040	EPA 8270E	9-12-23	9-12-23	
1,2,4-Trichlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Naphthalene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-13-23	
4-Chloroaniline	**ND**	0.040	EPA 8270E	9-12-23	9-12-23	
Hexachlorobutadiene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
4-Chloro-3-methylphenol	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
2-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-13-23	
1-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-13-23	
Hexachlorocyclopentadiene	**ND**	0.12	EPA 8270E	9-12-23	9-12-23	
2,4,6-Trichlorophenol	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
2,3-Dichloroaniline	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
2,4,5-Trichlorophenol	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
2-Chloronaphthalene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2-Nitroaniline	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
1,4-Dinitrobenzene	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
Dimethylphthalate	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
1,3-Dinitrobenzene	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
2,6-Dinitrotoluene	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
1,2-Dinitrobenzene	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
Acenaphthylene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-13-23	
3-Nitroaniline	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-070
Project: Jorgensen Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0912S1					
2,4-Dinitrophenol	**ND**	0.27	EPA 8270E	9-12-23	9-12-23	
Acenaphthene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-13-23	
4-Nitrophenol	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
2,4-Dinitrotoluene	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
Dibenzofuran	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2,3,5,6-Tetrachlorophenol	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
2,3,4,6-Tetrachlorophenol	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
Diethylphthalate	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
4-Chlorophenyl-phenylether	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
4-Nitroaniline	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
Fluorene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-13-23	
4,6-Dinitro-2-methylphenol	**ND**	0.11	EPA 8270E	9-12-23	9-12-23	
n-Nitrosodiphenylamine	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
1,2-Diphenylhydrazine	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
4-Bromophenyl-phenylether	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Hexachlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Pentachlorophenol	**ND**	0.040	EPA 8270E	9-12-23	9-12-23	
Phenanthrene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-13-23	
Anthracene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-13-23	
Carbazole	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Di-n-butylphthalate	**ND**	0.10	EPA 8270E	9-12-23	9-12-23	
Fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-13-23	
Pyrene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-13-23	
Butylbenzylphthalate	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
bis-2-Ethylhexyladipate	**ND**	0.10	EPA 8270E	9-12-23	9-12-23	
3,3'-Dichlorobenzidine	**ND**	0.13	EPA 8270E	9-12-23	9-12-23	
Benzo[a]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-13-23	
Chrysene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-13-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	9-12-23	9-12-23	
Di-n-octylphthalate	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
Benzo[b]fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-13-23	
Benzo(j,k)fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-13-23	
Benzo[a]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-13-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-13-23	
Dibenz[a,h]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-13-23	
Benzo[g,h,i]perylene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-13-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*77*	*11 - 111*				
Phenol-d6	*69*	*26 - 117*				
Nitrobenzene-d5	*72*	*31 - 111*				
2-Fluorobiphenyl	*76*	*38 - 109*				
2,4,6-Tribromophenol	*81*	*27 - 127*				
Terphenyl-d14	*71*	*37 - 116*				

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-070
Project: Jorgensen Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
QUALITY CONTROL
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Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0912S1									
	SB	SBD	SB	SBD	SB	SBD				
n-Nitrosodimethylamine	**0.504**	**0.523**	0.667	0.667	76	78	20 - 120	4	30	
Pyridine	**0.312**	**0.311**	0.667	0.667	47	47	20 - 120	0	30	
Phenol	**0.570**	**0.567**	0.667	0.667	85	85	49 - 109	1	23	
Aniline	**0.513**	**0.497**	0.667	0.667	77	75	20 - 120	3	30	
bis(2-Chloroethyl)ether	**0.494**	**0.445**	0.667	0.667	74	67	20 - 120	10	30	
2-Chlorophenol	**0.551**	**0.518**	0.667	0.667	83	78	52 - 105	6	26	
1,3-Dichlorobenzene	**0.506**	**0.482**	0.667	0.667	76	72	20 - 120	5	30	
1,4-Dichlorobenzene	**0.509**	**0.493**	0.667	0.667	76	74	51 - 102	3	28	
Benzyl alcohol	**0.504**	**0.549**	0.667	0.667	76	82	20 - 120	9	30	
1,2-Dichlorobenzene	**0.513**	**0.507**	0.667	0.667	77	76	20 - 120	1	30	
2-Methylphenol (o-Cresol)	**0.525**	**0.534**	0.667	0.667	79	80	20 - 120	2	30	
bis(2-Chloroisopropyl)ether	**0.505**	**0.498**	0.667	0.667	76	75	20 - 120	1	30	
(3+4)-Methylphenol (m,p-Cresol)	**0.574**	**0.573**	0.667	0.667	86	86	20 - 120	0	30	
n-Nitroso-di-n-propylamine	**0.572**	**0.539**	0.667	0.667	86	81	46 - 111	6	25	
Hexachloroethane	**0.422**	**0.424**	0.667	0.667	63	64	20 - 120	0	30	
Nitrobenzene	**0.553**	**0.540**	0.667	0.667	83	81	20 - 120	2	30	
Isophorone	**0.560**	**0.520**	0.667	0.667	84	78	20 - 120	7	30	
2-Nitrophenol	**0.553**	**0.562**	0.667	0.667	83	84	20 - 120	2	30	
2,4-Dimethylphenol	**0.687**	**0.747**	0.667	0.667	103	112	20 - 120	8	30	
bis(2-Chloroethoxy)methane	**0.537**	**0.535**	0.667	0.667	81	80	20 - 120	0	30	
2,4-Dichlorophenol	**0.544**	**0.587**	0.667	0.667	82	88	20 - 120	8	30	
1,2,4-Trichlorobenzene	**0.567**	**0.559**	0.667	0.667	85	84	52 - 106	1	28	
Naphthalene	**0.543**	**0.548**	0.667	0.667	81	82	20 - 120	1	30	
4-Chloroaniline	**0.512**	**0.534**	0.667	0.667	77	80	20 - 120	4	30	
Hexachlorobutadiene	**0.553**	**0.568**	0.667	0.667	83	85	20 - 120	3	30	
4-Chloro-3-methylphenol	**0.555**	**0.593**	0.667	0.667	83	89	54 - 112	7	20	
2-Methylnaphthalene	**0.591**	**0.602**	0.667	0.667	89	90	20 - 120	2	30	
1-Methylnaphthalene	**0.555**	**0.571**	0.667	0.667	83	86	20 - 120	3	30	
Hexachlorocyclopentadiene	**0.174**	**0.178**	0.667	0.667	26	27	20 - 120	2	30	
2,4,6-Trichlorophenol	**0.608**	**0.610**	0.667	0.667	91	91	20 - 120	0	30	
2,3-Dichloroaniline	**0.522**	**0.521**	0.667	0.667	78	78	20 - 120	0	30	
2,4,5-Trichlorophenol	**0.659**	**0.655**	0.667	0.667	99	98	20 - 120	1	30	
2-Chloronaphthalene	**0.594**	**0.572**	0.667	0.667	89	86	20 - 120	4	30	
2-Nitroaniline	**0.594**	**0.585**	0.667	0.667	89	88	20 - 120	2	30	
1,4-Dinitrobenzene	**0.618**	**0.626**	0.667	0.667	93	94	20 - 120	1	30	
Dimethylphthalate	**0.622**	**0.636**	0.667	0.667	93	95	20 - 120	2	30	
1,3-Dinitrobenzene	**0.629**	**0.617**	0.667	0.667	94	93	20 - 120	2	30	
2,6-Dinitrotoluene	**0.592**	**0.624**	0.667	0.667	89	94	20 - 120	5	30	
1,2-Dinitrobenzene	**0.541**	**0.512**	0.667	0.667	81	77	20 - 120	6	30	
Acenaphthylene	**0.566**	**0.579**	0.667	0.667	85	87	20 - 120	2	30	
3-Nitroaniline	**0.584**	**0.559**	0.667	0.667	88	84	20 - 120	4	30	

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Samples Submitted: September 11, 2023
Laboratory Reference: 2309-070
Project: Jorgensen Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
QUALITY CONTROL
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Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0912S1									
	SB	SBD	SB	SBD	SB	SBD				
2,4-Dinitrophenol	**0.198**	**0.179**	0.667	0.667	30	27	20 - 120	10	30	
Acenaphthene	**0.602**	**0.618**	0.667	0.667	90	93	55 - 101	3	20	
4-Nitrophenol	**0.617**	**0.633**	0.667	0.667	93	95	34 - 136	3	22	
2,4-Dinitrotoluene	**0.502**	**0.536**	0.667	0.667	75	80	51 - 111	7	21	
Dibenzofuran	**0.584**	**0.616**	0.667	0.667	88	92	20 - 120	5	30	
2,3,5,6-Tetrachlorophenol	**0.577**	**0.596**	0.667	0.667	87	89	20 - 120	3	30	
2,3,4,6-Tetrachlorophenol	**0.546**	**0.610**	0.667	0.667	82	91	20 - 120	11	30	
Diethylphthalate	**0.606**	**0.610**	0.667	0.667	91	91	20 - 120	1	30	
4-Chlorophenyl-phenylether	**0.635**	**0.632**	0.667	0.667	95	95	20 - 120	0	30	
4-Nitroaniline	**0.581**	**0.506**	0.667	0.667	87	76	20 - 120	14	30	
Fluorene	**0.620**	**0.624**	0.667	0.667	93	94	20 - 120	1	30	
4,6-Dinitro-2-methylphenol	**0.219**	**0.205**	0.667	0.667	33	31	20 - 120	7	30	
n-Nitrosodiphenylamine	**0.587**	**0.553**	0.667	0.667	88	83	20 - 120	6	30	
1,2-Diphenylhydrazine	**0.601**	**0.571**	0.667	0.667	90	86	20 - 120	5	30	
4-Bromophenyl-phenylether	**0.648**	**0.625**	0.667	0.667	97	94	20 - 120	4	30	
Hexachlorobenzene	**0.649**	**0.631**	0.667	0.667	97	95	20 - 120	3	30	
Pentachlorophenol	**0.660**	**0.613**	0.667	0.667	99	92	34 - 134	7	23	
Phenanthrene	**0.583**	**0.603**	0.667	0.667	87	90	20 - 120	3	30	
Anthracene	**0.641**	**0.638**	0.667	0.667	96	96	20 - 120	0	30	
Carbazole	**0.592**	**0.563**	0.667	0.667	89	84	20 - 120	5	30	
Di-n-butylphthalate	**0.633**	**0.597**	0.667	0.667	95	90	20 - 120	6	30	
Fluoranthene	**0.648**	**0.638**	0.667	0.667	97	96	20 - 120	2	30	
Pyrene	**0.639**	**0.651**	0.667	0.667	96	98	53 - 113	2	20	
Butylbenzylphthalate	**0.562**	**0.636**	0.667	0.667	84	95	20 - 120	12	30	
bis-2-Ethylhexyladipate	**0.583**	**0.599**	0.667	0.667	87	90	20 - 120	3	30	
3,3'-Dichlorobenzidine	**0.519**	**0.529**	0.667	0.667	78	79	20 - 120	2	30	
Benzo[a]anthracene	**0.631**	**0.657**	0.667	0.667	95	99	20 - 120	4	30	
Chrysene	**0.627**	**0.696**	0.667	0.667	94	104	20 - 120	10	30	
bis(2-Ethylhexyl)phthalate	**0.546**	**0.551**	0.667	0.667	82	83	20 - 120	1	30	
Di-n-octylphthalate	**0.613**	**0.645**	0.667	0.667	92	97	20 - 120	5	30	
Benzo[b]fluoranthene	**0.622**	**0.639**	0.667	0.667	93	96	20 - 120	3	30	
Benzo(j,k)fluoranthene	**0.680**	**0.692**	0.667	0.667	102	104	20 - 120	2	30	
Benzo[a]pyrene	**0.682**	**0.672**	0.667	0.667	102	101	20 - 120	1	30	
Indeno[1,2,3-cd]pyrene	**0.659**	**0.764**	0.667	0.667	99	115	20 - 120	15	30	
Dibenz[a,h]anthracene	**0.641**	**0.652**	0.667	0.667	96	98	20 - 120	2	30	
Benzo[g,h,i]perylene	**0.637**	**0.647**	0.667	0.667	96	97	20 - 120	2	30	
Surrogate:										
2-Fluorophenol					*81*	*78*	*11 - 111*			
Phenol-d6					*86*	*77*	*26 - 117*			
Nitrobenzene-d5					*83*	*83*	*31 - 111*			
2-Fluorobiphenyl					*95*	*97*	*38 - 109*			
2,4,6-Tribromophenol					*110*	*102*	*27 - 127*			
Terphenyl-d14					*94*	*98*	*37 - 116*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-070
Project: Jorgensen Import Fill Sampling

PCBs EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-01**					
Laboratory ID:	09-070-01					
Aroclor 1016	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1221	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1232	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1242	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1248	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1254	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1260	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1262	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1268	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*83*	*50-127*				
Client ID:	**FS-091123-02**					
Laboratory ID:	09-070-02					
Aroclor 1016	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1221	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1232	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1242	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1248	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1254	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1260	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1262	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1268	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*89*	*50-127*				
Client ID:	**FS-091123-03**					
Laboratory ID:	09-070-03					
Aroclor 1016	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1221	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1232	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1242	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1248	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1254	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1260	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1262	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1268	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*96*	*50-127*				

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-070
Project: Jorgensen Import Fill Sampling

PCBs EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-04**					
Laboratory ID:	09-070-04					
Aroclor 1016	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1221	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1232	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1242	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1248	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1254	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1260	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1262	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1268	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*101*	*50-127*				
Client ID:	**FS-091123-05**					
Laboratory ID:	09-070-05					
Aroclor 1016	**ND**	0.0040	EPA 8082A	9-12-23	9-12-23	
Aroclor 1221	**ND**	0.0040	EPA 8082A	9-12-23	9-12-23	
Aroclor 1232	**ND**	0.0040	EPA 8082A	9-12-23	9-12-23	
Aroclor 1242	**ND**	0.0040	EPA 8082A	9-12-23	9-12-23	
Aroclor 1248	**ND**	0.0040	EPA 8082A	9-12-23	9-12-23	
Aroclor 1254	**ND**	0.0040	EPA 8082A	9-12-23	9-12-23	
Aroclor 1260	**ND**	0.0040	EPA 8082A	9-12-23	9-12-23	
Aroclor 1262	**ND**	0.0040	EPA 8082A	9-12-23	9-12-23	
Aroclor 1268	**ND**	0.0040	EPA 8082A	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*89*	*50-127*				

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-070
Project: Jorgensen Import Fill Sampling

PCBs EPA 8082A
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0912S1					
Aroclor 1016	**ND**	0.0040	EPA 8082A	9-12-23	9-12-23	
Aroclor 1221	**ND**	0.0040	EPA 8082A	9-12-23	9-12-23	
Aroclor 1232	**ND**	0.0040	EPA 8082A	9-12-23	9-12-23	
Aroclor 1242	**ND**	0.0040	EPA 8082A	9-12-23	9-12-23	
Aroclor 1248	**ND**	0.0040	EPA 8082A	9-12-23	9-12-23	
Aroclor 1254	**ND**	0.0040	EPA 8082A	9-12-23	9-12-23	
Aroclor 1260	**ND**	0.0040	EPA 8082A	9-12-23	9-12-23	
Aroclor 1262	**ND**	0.0040	EPA 8082A	9-12-23	9-12-23	
Aroclor 1268	**ND**	0.0040	EPA 8082A	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*88*	*50-127*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS											
Laboratory ID:	SB0912S1										
	SB	SBD	SB	SBD		SB	SBD				
Aroclor 1260	**0.444**	**0.392**	0.500	0.500	N/A	**89**	**78**	55-119	12	34	
Surrogate:											
DCB						*85*	*74*	*50-127*			

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-070
Project: Jorgensen Import Fill Sampling

TOTAL METALS
EPA 6020B/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-01**					
Laboratory ID:	09-070-01					
Arsenic	**1.7**	0.52	EPA 6020B	9-12-23	9-12-23	
Cadmium	**ND**	0.052	EPA 6020B	9-12-23	9-12-23	
Chromium	**6.3**	0.52	EPA 6020B	9-12-23	9-12-23	
Cobalt	**3.4**	0.13	EPA 6020B	9-12-23	9-12-23	
Copper	**11**	0.52	EPA 6020B	9-12-23	9-12-23	
Lead	**1.2**	0.52	EPA 6020B	9-12-23	9-12-23	
Mercury	**ND**	0.052	EPA 7471B	9-12-23	9-12-23	
Nickel	**9.3**	0.52	EPA 6020B	9-12-23	9-12-23	
Selenium	**ND**	0.13	EPA 6020B	9-12-23	9-12-23	
Silver	**ND**	0.052	EPA 6020B	9-12-23	9-12-23	
Vanadium	**8.5**	0.52	EPA 6020B	9-12-23	9-12-23	
Zinc	**13**	0.52	EPA 6020B	9-12-23	9-12-23	
Client ID:	**FS-091123-02**					
Laboratory ID:	09-070-02					
Arsenic	**1.6**	0.52	EPA 6020B	9-12-23	9-12-23	
Cadmium	**ND**	0.052	EPA 6020B	9-12-23	9-12-23	
Chromium	**7.0**	0.52	EPA 6020B	9-12-23	9-12-23	
Cobalt	**3.6**	0.13	EPA 6020B	9-12-23	9-12-23	
Copper	**11**	0.52	EPA 6020B	9-12-23	9-12-23	
Lead	**1.2**	0.52	EPA 6020B	9-12-23	9-12-23	
Mercury	**ND**	0.052	EPA 7471B	9-12-23	9-12-23	
Nickel	**11**	0.52	EPA 6020B	9-12-23	9-12-23	
Selenium	**ND**	0.13	EPA 6020B	9-12-23	9-12-23	
Silver	**ND**	0.052	EPA 6020B	9-12-23	9-12-23	
Vanadium	**11**	0.52	EPA 6020B	9-12-23	9-12-23	
Zinc	**15**	0.52	EPA 6020B	9-12-23	9-12-23	

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-070
Project: Jorgensen Import Fill Sampling

TOTAL METALS
EPA 6020B/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-03**					
Laboratory ID:	09-070-03					
Arsenic	**1.3**	0.52	EPA 6020B	9-12-23	9-12-23	
Cadmium	**ND**	0.052	EPA 6020B	9-12-23	9-12-23	
Chromium	**5.4**	0.52	EPA 6020B	9-12-23	9-12-23	
Cobalt	**2.8**	0.13	EPA 6020B	9-12-23	9-12-23	
Copper	**8.8**	0.52	EPA 6020B	9-12-23	9-12-23	
Lead	**0.93**	0.52	EPA 6020B	9-12-23	9-12-23	
Mercury	**ND**	0.052	EPA 7471B	9-12-23	9-12-23	
Nickel	**7.3**	0.52	EPA 6020B	9-12-23	9-12-23	
Selenium	**ND**	0.13	EPA 6020B	9-12-23	9-12-23	
Silver	**ND**	0.052	EPA 6020B	9-12-23	9-12-23	
Vanadium	**8.7**	0.52	EPA 6020B	9-12-23	9-12-23	
Zinc	**11**	0.52	EPA 6020B	9-12-23	9-12-23	
Client ID:	**FS-091123-04**					
Laboratory ID:	09-070-04					
Arsenic	**2.4**	0.51	EPA 6020B	9-12-23	9-12-23	
Cadmium	**ND**	0.051	EPA 6020B	9-12-23	9-12-23	
Chromium	**9.9**	0.51	EPA 6020B	9-12-23	9-12-23	
Cobalt	**4.8**	0.13	EPA 6020B	9-12-23	9-12-23	
Copper	**15**	0.51	EPA 6020B	9-12-23	9-12-23	
Lead	**1.8**	0.51	EPA 6020B	9-12-23	9-12-23	
Mercury	**ND**	0.051	EPA 7471B	9-12-23	9-12-23	
Nickel	**12**	0.51	EPA 6020B	9-12-23	9-12-23	
Selenium	**ND**	0.13	EPA 6020B	9-12-23	9-12-23	
Silver	**ND**	0.051	EPA 6020B	9-12-23	9-12-23	
Vanadium	**17**	0.51	EPA 6020B	9-12-23	9-12-23	
Zinc	**20**	0.51	EPA 6020B	9-12-23	9-12-23	

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-070
Project: Jorgensen Import Fill Sampling

TOTAL METALS
EPA 6020B/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-05**					
Laboratory ID:	09-070-05					
Arsenic	**1.8**	0.51	EPA 6020B	9-12-23	9-12-23	
Cadmium	**ND**	0.051	EPA 6020B	9-12-23	9-12-23	
Chromium	**8.9**	0.51	EPA 6020B	9-12-23	9-12-23	
Cobalt	**3.7**	0.13	EPA 6020B	9-12-23	9-12-23	
Copper	**11**	0.51	EPA 6020B	9-12-23	9-12-23	
Lead	**1.4**	0.51	EPA 6020B	9-12-23	9-12-23	
Mercury	**ND**	0.051	EPA 7471B	9-12-23	9-12-23	
Nickel	**12**	0.51	EPA 6020B	9-12-23	9-12-23	
Selenium	**ND**	0.13	EPA 6020B	9-12-23	9-12-23	
Silver	**ND**	0.051	EPA 6020B	9-12-23	9-12-23	
Vanadium	**14**	0.51	EPA 6020B	9-12-23	9-12-23	
Zinc	**16**	0.51	EPA 6020B	9-12-23	9-12-23	

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-070
Project: Jorgensen Import Fill Sampling

TOTAL METALS
EPA 6020B/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0912SM1					
Arsenic	**ND**	0.500	EPA 6020B	9-12-23	9-12-23	
Cadmium	**ND**	0.0500	EPA 6020B	9-12-23	9-12-23	
Chromium	**ND**	0.500	EPA 6020B	9-12-23	9-12-23	
Cobalt	**ND**	0.125	EPA 6020B	9-12-23	9-12-23	
Copper	**ND**	0.500	EPA 6020B	9-12-23	9-12-23	
Lead	**ND**	0.500	EPA 6020B	9-12-23	9-12-23	
Nickel	**ND**	0.500	EPA 6020B	9-12-23	9-12-23	
Selenium	**ND**	0.125	EPA 6020B	9-12-23	9-12-23	
Silver	**ND**	0.0500	EPA 6020B	9-12-23	9-12-23	
Vanadium	**ND**	0.500	EPA 6020B	9-12-23	9-12-23	
Zinc	**ND**	0.500	EPA 6020B	9-12-23	9-12-23	
Laboratory ID:	SB0912S1					
Mercury	**ND**	0.0500	EPA 7471B	9-12-23	9-12-23	

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-070
Project: Jorgensen Import Fill Sampling

TOTAL METALS
EPA 6020B/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result		Spike Level		Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	09-071-04									
	ORIG	DUP								
Arsenic	**1.98**	**1.86**	NA	NA		NA	NA	6	20	
Cadmium	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Chromium	**11.4**	**10.7**	NA	NA		NA	NA	6	20	
Cobalt	**4.08**	**4.15**	NA	NA		NA	NA	2	20	
Copper	**11.0**	**10.9**	NA	NA		NA	NA	1	20	
Lead	**1.44**	**1.43**	NA	NA		NA	NA	1	20	
Nickel	**11.9**	**12.1**	NA	NA		NA	NA	1	20	
Selenium	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Silver	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Vanadium	**12.9**	**12.2**	NA	NA		NA	NA	6	20	
Zinc	**17.5**	**16.9**	NA	NA		NA	NA	4	20	
Laboratory ID:	09-071-04									
Mercury	**ND**	**ND**	NA	NA		NA	NA	NA	20	
MATRIX SPIKES										
Laboratory ID:	09-071-04									
	MS	MSD	MS	MSD		MS	MSD			
Arsenic	**106**	**108**	100	100	1.98	**104**	**106**	75-125	1	20
Cadmium	**54.5**	**55.0**	50.0	50.0	ND	**109**	**110**	75-125	1	20
Chromium	**113**	**109**	100	100	11.4	**101**	**98**	75-125	3	20
Cobalt	**66.5**	**65.0**	50.0	50.0	4.08	**125**	**122**	75-125	2	20
Copper	**73.0**	**70.0**	50.0	50.0	11.0	**124**	**118**	75-125	4	20
Lead	**275**	**272**	250	250	1.44	**109**	**108**	75-125	1	20
Nickel	**132**	**127**	100	100	11.9	**120**	**115**	75-125	3	20
Selenium	**114**	**113**	100	100	ND	**114**	**113**	75-125	0	20
Silver	**24.9**	**24.8**	25.0	25.0	ND	**100**	**99**	75-125	0	20
Vanadium	**68.0**	**64.0**	50.0	50.0	12.9	**110**	**102**	75-125	6	20
Zinc	**127**	**123**	100	100	17.5	**110**	**106**	75-125	3	20
Laboratory ID:	08-358-03									
Mercury	**0.498**	**0.486**	0.500	0.500	0.0188	**96**	**93**	80-120	2	20

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-070
Project: Jorgensen Import Fill Sampling

% MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
FS-091123-01	09-070-01	**3**	9-12-23
FS-091123-02	09-070-02	**3**	9-12-23
FS-091123-03	09-070-03	**3**	9-12-23
FS-091123-04	09-070-04	**2**	9-12-23
FS-091123-05	09-070-05	**1**	9-12-23

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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Chain of Custody

Page 1 of 1

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: DH Environmental
Project Number:
Project Name: Jorgensen Import Fill Sampling
Project Manager: D. Hill
Sampled by: N. Moxley / B. Johnson

Turnaround Request (in working days)
(Check One)
☐ Same Day ☒ 1 Day
☐ 2 Days ☐ 3 Days
☐ Standard (7 Days)
☒ Best Available (other)

Laboratory Number: 09-070

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (SG Clean-up ☐)	Volatiles 8260	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals * (see list)	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664					% Moisture
1	FS-091123-01	9/11/23	1300	Soil	5			X	X	X			X		X				X								X
2	FS-091123-02		1305					↓	↓	↓			↓		↓				↓								↓
3	FS-091123-03		1310																								
4	FS-091123-04		1315	↓																							
5	FS-091123-05		1320					↓	↓	↓			↓		↓				↓								↓

	Signature	Company	Date	Time
Relinquished		DH Env.	9-11-23	1535
Received		COSE	9/11/23	1535
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
* As, Cd, Cr, Cu, Pb, Hg, Ni, Se, Ag, V, Zn, and Co

Data Package: Standard ☒ Level III ☐ Level IV ☐
Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☒

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

September 13, 2023

David Hill
DH Environmental, Inc.
1011 SW Klickitat Way, Suite 107
Seattle, WA 98103

Re: Analytical Data for Project Jorgensen Import Fill Sampling
Laboratory Reference No. 2309-071

Dear David:

Enclosed are the analytical results and associated quality control data for samples submitted on September 11, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-071
Project: Jorgensen Import Fill Sampling

Case Narrative

Samples were collected on September 11, 2023 and received by the laboratory on September 11, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Volatiles EPA 8260D Analysis

The percent recovery for Styrene is outside the control limits in the Spike Blank Duplicate. The method allows for a percentage of the compounds to fall outside of the control limits due to the large number of analytes being spiked.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-071
Project: Jorgensen Import Fill Sampling

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-06**					
Laboratory ID:	09-071-01					
Gasoline	**ND**	2.9	NWTPH-Gx	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*86*	*65-126*				
Client ID:	**FS-091123-07**					
Laboratory ID:	09-071-02					
Gasoline	**ND**	2.1	NWTPH-Gx	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*85*	*65-126*				
Client ID:	**FS-091123-08**					
Laboratory ID:	09-071-03					
Gasoline	**ND**	2.9	NWTPH-Gx	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*87*	*65-126*				
Client ID:	**FS-091123-09**					
Laboratory ID:	09-071-04					
Gasoline	**ND**	2.5	NWTPH-Gx	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*87*	*65-126*				

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-071
Project: Jorgensen Import Fill Sampling

GASOLINE RANGE ORGANICS
NWTPH-Gx
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0912S1					
Gasoline	**ND**	2.5	NWTPH-Gx	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*86*	*65-126*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	09-070-01										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*74*	*89*	*65-126*			

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-071
Project: Jorgensen Import Fill Sampling

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-06**					
Laboratory ID:	09-071-01					
Diesel Range Organics	**ND**	8.7	NWTPH-Dx	9-12-23	9-13-23	
Lube Oil	**18**	17	NWTPH-Dx	9-12-23	9-13-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*84*	*50-150*				
Client ID:	**FS-091123-07**					
Laboratory ID:	09-071-02					
Diesel Range Organics	**ND**	8.6	NWTPH-Dx	9-12-23	9-13-23	
Lube Oil Range Organics	**ND**	17	NWTPH-Dx	9-12-23	9-13-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*84*	*50-150*				
Client ID:	**FS-091123-08**					
Laboratory ID:	09-071-03					
Diesel Range Organics	**ND**	8.6	NWTPH-Dx	9-12-23	9-13-23	
Lube Oil Range Organics	**ND**	17	NWTPH-Dx	9-12-23	9-13-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*77*	*50-150*				
Client ID:	**FS-091123-09**					
Laboratory ID:	09-071-04					
Diesel Range Organics	**ND**	8.6	NWTPH-Dx	9-12-23	9-13-23	
Lube Oil Range Organics	**ND**	17	NWTPH-Dx	9-12-23	9-13-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*87*	*50-150*				

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-071
Project: Jorgensen Import Fill Sampling

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0912S1					
Diesel Range Organics	**ND**	8.3	NWTPH-Dx	9-12-23	9-12-23	
Lube Oil Range Organics	**ND**	17	NWTPH-Dx	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*85*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	09-079-01									
	ORIG	DUP								
Diesel Range	**ND**	**ND**	NA	NA		NA	NA	NA	40	
Lube Oil Range	**ND**	**ND**	NA	NA		NA	NA	NA	40	
Surrogate:										
o-Terphenyl						*74* *78*	*50-150*			

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-071
Project: Jorgensen Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-06**					
Laboratory ID:	09-071-01					
Dichlorodifluoromethane	ND	0.00074	EPA 8260D	9-12-23	9-12-23	
Chloromethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Vinyl Chloride	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Bromomethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Chloroethane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Trichlorofluoromethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,1-Dichloroethene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Acetone	ND	0.0050	EPA 8260D	9-12-23	9-12-23	
Iodomethane	ND	0.0050	EPA 8260D	9-12-23	9-12-23	
Carbon Disulfide	ND	0.0013	EPA 8260D	9-12-23	9-12-23	
Methylene Chloride	ND	0.0050	EPA 8260D	9-12-23	9-12-23	
(trans) 1,2-Dichloroethene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Methyl t-Butyl Ether	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,1-Dichloroethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Vinyl Acetate	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
2,2-Dichloropropane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
(cis) 1,2-Dichloroethene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
2-Butanone	ND	0.0050	EPA 8260D	9-12-23	9-12-23	
Bromochloromethane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Chloroform	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,1,1-Trichloroethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Carbon Tetrachloride	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,1-Dichloropropene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Benzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,2-Dichloroethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Trichloroethene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,2-Dichloropropane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Dibromomethane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Bromodichloromethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260D	9-12-23	9-12-23	
(cis) 1,3-Dichloropropene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Methyl Isobutyl Ketone	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Toluene	ND	0.0010	EPA 8260D	9-12-23	9-12-23	

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Samples Submitted: September 11, 2023
Laboratory Reference: 2309-071
Project: Jorgensen Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-06**					
Laboratory ID:	09-071-01					
(trans) 1,3-Dichloropropene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,1,2-Trichloroethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Tetrachloroethene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,3-Dichloropropane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
2-Hexanone	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Dibromochloromethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,2-Dibromoethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Chlorobenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Ethylbenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
m,p-Xylene	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
o-Xylene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Styrene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Bromoform	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Isopropylbenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Bromobenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
n-Propylbenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
2-Chlorotoluene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
4-Chlorotoluene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,3,5-Trimethylbenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
tert-Butylbenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,2,4-Trimethylbenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
sec-Butylbenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,3-Dichlorobenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
p-Isopropyltoluene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,4-Dichlorobenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,2-Dichlorobenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
n-Butylbenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260D	9-12-23	9-12-23	
1,2,4-Trichlorobenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Hexachlorobutadiene	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Naphthalene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,2,3-Trichlorobenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*98*	*75-130*				
Toluene-d8	*93*	*78-128*				
4-Bromofluorobenzene	*94*	*71-130*				

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-071
Project: Jorgensen Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-07**					
Laboratory ID:	09-071-02					
Dichlorodifluoromethane	ND	0.00075	EPA 8260D	9-12-23	9-12-23	
Chloromethane	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
Vinyl Chloride	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
Bromomethane	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
Chloroethane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Trichlorofluoromethane	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
1,1-Dichloroethene	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
Acetone	ND	0.0051	EPA 8260D	9-12-23	9-12-23	
Iodomethane	ND	0.0051	EPA 8260D	9-12-23	9-12-23	
Carbon Disulfide	ND	0.0013	EPA 8260D	9-12-23	9-12-23	
Methylene Chloride	ND	0.0051	EPA 8260D	9-12-23	9-12-23	
(trans) 1,2-Dichloroethene	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
Methyl t-Butyl Ether	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
1,1-Dichloroethane	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
Vinyl Acetate	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
2,2-Dichloropropane	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
(cis) 1,2-Dichloroethene	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
2-Butanone	ND	0.0051	EPA 8260D	9-12-23	9-12-23	
Bromochloromethane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Chloroform	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
1,1,1-Trichloroethane	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
Carbon Tetrachloride	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
1,1-Dichloropropene	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
Benzene	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
1,2-Dichloroethane	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
Trichloroethene	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
1,2-Dichloropropane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Dibromomethane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Bromodichloromethane	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
2-Chloroethyl Vinyl Ether	ND	0.0051	EPA 8260D	9-12-23	9-12-23	
(cis) 1,3-Dichloropropene	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
Methyl Isobutyl Ketone	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Toluene	ND	0.0010	EPA 8260D	9-12-23	9-12-23	

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-071
Project: Jorgensen Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-07**					
Laboratory ID:	09-071-02					
(trans) 1,3-Dichloropropene	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
1,1,2-Trichloroethane	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
Tetrachloroethene	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
1,3-Dichloropropane	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
2-Hexanone	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Dibromochloromethane	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
1,2-Dibromoethane	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
Chlorobenzene	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Ethylbenzene	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
m,p-Xylene	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
o-Xylene	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
Styrene	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
Bromoform	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Isopropylbenzene	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
Bromobenzene	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
n-Propylbenzene	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
2-Chlorotoluene	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
4-Chlorotoluene	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
1,3,5-Trimethylbenzene	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
tert-Butylbenzene	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
1,2,4-Trimethylbenzene	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
sec-Butylbenzene	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
1,3-Dichlorobenzene	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
p-Isopropyltoluene	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
1,4-Dichlorobenzene	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
1,2-Dichlorobenzene	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
n-Butylbenzene	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
1,2-Dibromo-3-chloropropane	ND	0.0051	EPA 8260D	9-12-23	9-12-23	
1,2,4-Trichlorobenzene	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
Hexachlorobutadiene	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Naphthalene	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
1,2,3-Trichlorobenzene	ND	0.00051	EPA 8260D	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*96*	*75-130*				
Toluene-d8	*94*	*78-128*				
4-Bromofluorobenzene	*94*	*71-130*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-071
Project: Jorgensen Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-08**					
Laboratory ID:	09-071-03					
Dichlorodifluoromethane	ND	0.00074	EPA 8260D	9-12-23	9-12-23	
Chloromethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Vinyl Chloride	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Bromomethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Chloroethane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Trichlorofluoromethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,1-Dichloroethene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Acetone	0.0080	0.0050	EPA 8260D	9-12-23	9-12-23	
Iodomethane	ND	0.0050	EPA 8260D	9-12-23	9-12-23	
Carbon Disulfide	ND	0.0013	EPA 8260D	9-12-23	9-12-23	
Methylene Chloride	ND	0.0050	EPA 8260D	9-12-23	9-12-23	
(trans) 1,2-Dichloroethene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Methyl t-Butyl Ether	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,1-Dichloroethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Vinyl Acetate	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
2,2-Dichloropropane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
(cis) 1,2-Dichloroethene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
2-Butanone	ND	0.0050	EPA 8260D	9-12-23	9-12-23	
Bromochloromethane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Chloroform	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,1,1-Trichloroethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Carbon Tetrachloride	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,1-Dichloropropene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Benzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,2-Dichloroethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Trichloroethene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,2-Dichloropropane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Dibromomethane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Bromodichloromethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260D	9-12-23	9-12-23	
(cis) 1,3-Dichloropropene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Methyl Isobutyl Ketone	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Toluene	ND	0.0010	EPA 8260D	9-12-23	9-12-23	

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-071
Project: Jorgensen Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-08**					
Laboratory ID:	09-071-03					
(trans) 1,3-Dichloropropene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,1,2-Trichloroethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Tetrachloroethene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,3-Dichloropropane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
2-Hexanone	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Dibromochloromethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,2-Dibromoethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Chlorobenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Ethylbenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
m,p-Xylene	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
o-Xylene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Styrene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Bromoform	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Isopropylbenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Bromobenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
n-Propylbenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
2-Chlorotoluene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
4-Chlorotoluene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,3,5-Trimethylbenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
tert-Butylbenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,2,4-Trimethylbenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
sec-Butylbenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,3-Dichlorobenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
p-Isopropyltoluene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,4-Dichlorobenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,2-Dichlorobenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
n-Butylbenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260D	9-12-23	9-12-23	
1,2,4-Trichlorobenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Hexachlorobutadiene	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Naphthalene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,2,3-Trichlorobenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*96*	*75-130*				
Toluene-d8	*94*	*78-128*				
4-Bromofluorobenzene	*94*	*71-130*				

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-071
Project: Jorgensen Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-09**					
Laboratory ID:	09-071-04					
Dichlorodifluoromethane	ND	0.00073	EPA 8260D	9-12-23	9-12-23	
Chloromethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Vinyl Chloride	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Bromomethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Chloroethane	ND	0.00099	EPA 8260D	9-12-23	9-12-23	
Trichlorofluoromethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,1-Dichloroethene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Acetone	ND	0.0050	EPA 8260D	9-12-23	9-12-23	
Iodomethane	ND	0.0050	EPA 8260D	9-12-23	9-12-23	
Carbon Disulfide	ND	0.0013	EPA 8260D	9-12-23	9-12-23	
Methylene Chloride	ND	0.0050	EPA 8260D	9-12-23	9-12-23	
(trans) 1,2-Dichloroethene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Methyl t-Butyl Ether	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,1-Dichloroethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Vinyl Acetate	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
2,2-Dichloropropane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
(cis) 1,2-Dichloroethene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
2-Butanone	ND	0.0050	EPA 8260D	9-12-23	9-12-23	
Bromochloromethane	ND	0.00099	EPA 8260D	9-12-23	9-12-23	
Chloroform	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,1,1-Trichloroethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Carbon Tetrachloride	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,1-Dichloropropene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Benzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,2-Dichloroethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Trichloroethene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,2-Dichloropropane	ND	0.00099	EPA 8260D	9-12-23	9-12-23	
Dibromomethane	ND	0.00099	EPA 8260D	9-12-23	9-12-23	
Bromodichloromethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260D	9-12-23	9-12-23	
(cis) 1,3-Dichloropropene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Methyl Isobutyl Ketone	ND	0.00099	EPA 8260D	9-12-23	9-12-23	
Toluene	ND	0.00099	EPA 8260D	9-12-23	9-12-23	

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-071
Project: Jorgensen Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-09**					
Laboratory ID:	09-071-04					
(trans) 1,3-Dichloropropene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,1,2-Trichloroethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Tetrachloroethene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,3-Dichloropropane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
2-Hexanone	ND	0.00099	EPA 8260D	9-12-23	9-12-23	
Dibromochloromethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,2-Dibromoethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Chlorobenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,1,1,2-Tetrachloroethane	ND	0.00099	EPA 8260D	9-12-23	9-12-23	
Ethylbenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
m,p-Xylene	ND	0.00099	EPA 8260D	9-12-23	9-12-23	
o-Xylene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Styrene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Bromoform	ND	0.00099	EPA 8260D	9-12-23	9-12-23	
Isopropylbenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Bromobenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,1,2,2-Tetrachloroethane	ND	0.00099	EPA 8260D	9-12-23	9-12-23	
1,2,3-Trichloropropane	ND	0.00099	EPA 8260D	9-12-23	9-12-23	
n-Propylbenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
2-Chlorotoluene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
4-Chlorotoluene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,3,5-Trimethylbenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
tert-Butylbenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,2,4-Trimethylbenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
sec-Butylbenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,3-Dichlorobenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
p-Isopropyltoluene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,4-Dichlorobenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,2-Dichlorobenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
n-Butylbenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260D	9-12-23	9-12-23	
1,2,4-Trichlorobenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Hexachlorobutadiene	ND	0.00099	EPA 8260D	9-12-23	9-12-23	
Naphthalene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,2,3-Trichlorobenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*98*	*75-130*				
Toluene-d8	*93*	*78-128*				
4-Bromofluorobenzene	*92*	*71-130*				

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-071
Project: Jorgensen Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0912S2					
Dichlorodifluoromethane	ND	0.00074	EPA 8260D	9-12-23	9-12-23	
Chloromethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Vinyl Chloride	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Bromomethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Chloroethane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Trichlorofluoromethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,1-Dichloroethene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Acetone	ND	0.0050	EPA 8260D	9-12-23	9-12-23	
Iodomethane	ND	0.0050	EPA 8260D	9-12-23	9-12-23	
Carbon Disulfide	ND	0.0013	EPA 8260D	9-12-23	9-12-23	
Methylene Chloride	ND	0.0050	EPA 8260D	9-12-23	9-12-23	
(trans) 1,2-Dichloroethene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Methyl t-Butyl Ether	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,1-Dichloroethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Vinyl Acetate	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
2,2-Dichloropropane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
(cis) 1,2-Dichloroethene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
2-Butanone	ND	0.0050	EPA 8260D	9-12-23	9-12-23	
Bromochloromethane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Chloroform	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,1,1-Trichloroethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Carbon Tetrachloride	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,1-Dichloropropene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Benzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,2-Dichloroethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Trichloroethene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,2-Dichloropropane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Dibromomethane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Bromodichloromethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260D	9-12-23	9-12-23	
(cis) 1,3-Dichloropropene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Methyl Isobutyl Ketone	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Toluene	ND	0.0010	EPA 8260D	9-12-23	9-12-23	

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-071
Project: Jorgensen Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0912S2					
(trans) 1,3-Dichloropropene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,1,2-Trichloroethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Tetrachloroethene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,3-Dichloropropane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
2-Hexanone	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Dibromochloromethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,2-Dibromoethane	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Chlorobenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Ethylbenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
m,p-Xylene	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
o-Xylene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Styrene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Bromoform	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Isopropylbenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Bromobenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
n-Propylbenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
2-Chlorotoluene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
4-Chlorotoluene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,3,5-Trimethylbenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
tert-Butylbenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,2,4-Trimethylbenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
sec-Butylbenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,3-Dichlorobenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
p-Isopropyltoluene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,4-Dichlorobenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,2-Dichlorobenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
n-Butylbenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260D	9-12-23	9-12-23	
1,2,4-Trichlorobenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Hexachlorobutadiene	ND	0.0010	EPA 8260D	9-12-23	9-12-23	
Naphthalene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
1,2,3-Trichlorobenzene	ND	0.00050	EPA 8260D	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*100*	*75-130*				
Toluene-d8	*93*	*78-128*				
4-Bromofluorobenzene	*93*	*71-130*				

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-071
Project: Jorgensen Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Matrix: Soil
Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0912S2									
	SB	SBD	SB	SBD	SB	SBD				
Dichlorodifluoromethane	**0.0338**	**0.0343**	0.0500	0.0500	68	69	30-160	1	26	
Chloromethane	**0.0445**	**0.0441**	0.0500	0.0500	89	88	59-131	1	26	
Vinyl Chloride	**0.0407**	**0.0422**	0.0500	0.0500	81	84	68-136	4	23	
Bromomethane	**0.0423**	**0.0460**	0.0500	0.0500	85	92	48-155	8	32	
Chloroethane	**0.0454**	**0.0460**	0.0500	0.0500	91	92	67-141	1	16	
Trichlorofluoromethane	**0.0449**	**0.0469**	0.0500	0.0500	90	94	76-127	4	19	
1,1-Dichloroethene	**0.0464**	**0.0500**	0.0500	0.0500	93	100	75-129	7	19	
Acetone	**0.0574**	**0.0586**	0.0500	0.0500	115	117	49-158	2	37	
Iodomethane	**0.0401**	**0.0438**	0.0500	0.0500	80	88	37-140	9	27	
Carbon Disulfide	**0.0393**	**0.0393**	0.0500	0.0500	79	79	41-143	0	19	
Methylene Chloride	**0.0471**	**0.0486**	0.0500	0.0500	94	97	60-124	3	18	
(trans) 1,2-Dichloroethene	**0.0477**	**0.0506**	0.0500	0.0500	95	101	79-133	6	15	
Methyl t-Butyl Ether	**0.0489**	**0.0496**	0.0500	0.0500	98	99	73-125	1	17	
1,1-Dichloroethane	**0.0471**	**0.0490**	0.0500	0.0500	94	98	79-125	4	17	
Vinyl Acetate	**0.0542**	**0.0526**	0.0500	0.0500	108	105	51-145	3	41	
2,2-Dichloropropane	**0.0463**	**0.0510**	0.0500	0.0500	93	102	79-126	10	18	
(cis) 1,2-Dichloroethene	**0.0466**	**0.0486**	0.0500	0.0500	93	97	75-131	4	15	
2-Butanone	**0.0545**	**0.0561**	0.0500	0.0500	109	112	54-145	3	32	
Bromochloromethane	**0.0477**	**0.0494**	0.0500	0.0500	95	99	80-126	4	15	
Chloroform	**0.0476**	**0.0500**	0.0500	0.0500	95	100	80-123	5	15	
1,1,1-Trichloroethane	**0.0466**	**0.0491**	0.0500	0.0500	93	98	78-124	5	21	
Carbon Tetrachloride	**0.0463**	**0.0501**	0.0500	0.0500	93	100	74-127	8	18	
1,1-Dichloropropene	**0.0477**	**0.0513**	0.0500	0.0500	95	103	80-123	7	15	
Benzene	**0.0467**	**0.0492**	0.0500	0.0500	93	98	80-122	5	18	
1,2-Dichloroethane	**0.0469**	**0.0472**	0.0500	0.0500	94	94	75-124	1	15	
Trichloroethene	**0.0460**	**0.0506**	0.0500	0.0500	92	101	80-129	10	18	
1,2-Dichloropropane	**0.0473**	**0.0509**	0.0500	0.0500	95	102	80-123	7	15	
Dibromomethane	**0.0463**	**0.0460**	0.0500	0.0500	93	92	80-123	1	15	
Bromodichloromethane	**0.0473**	**0.0501**	0.0500	0.0500	95	100	80-129	6	15	
(cis) 1,3-Dichloropropene	**0.0508**	**0.0535**	0.0500	0.0500	102	107	80-130	5	15	
Methyl Isobutyl Ketone	**0.0525**	**0.0529**	0.0500	0.0500	105	106	63-137	1	27	
Toluene	**0.0437**	**0.0468**	0.0500	0.0500	87	94	80-120	7	18	
(trans) 1,3-Dichloropropene	**0.0533**	**0.0560**	0.0500	0.0500	107	112	80-124	5	15	

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-071
Project: Jorgensen Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0912S2									
	SB	SBD	SB	SBD	SB	SBD				
1,1,2-Trichloroethane	**0.0526**	**0.0538**	0.0500	0.0500	105	108	80-120	2	15	
Tetrachloroethene	**0.0521**	**0.0571**	0.0500	0.0500	104	114	77-126	9	15	
1,3-Dichloropropane	**0.0505**	**0.0538**	0.0500	0.0500	101	108	77-123	6	15	
2-Hexanone	**0.0569**	**0.0580**	0.0500	0.0500	114	116	53-137	2	29	
Dibromochloromethane	**0.0519**	**0.0537**	0.0500	0.0500	104	107	80-128	3	16	
1,2-Dibromoethane	**0.0517**	**0.0544**	0.0500	0.0500	103	109	80-122	5	20	
Chlorobenzene	**0.0502**	**0.0543**	0.0500	0.0500	100	109	80-120	8	18	
1,1,1,2-Tetrachloroethane	**0.0500**	**0.0540**	0.0500	0.0500	100	108	80-120	8	15	
Ethylbenzene	**0.0507**	**0.0558**	0.0500	0.0500	101	112	80-120	10	15	
m,p-Xylene	**0.099**	**0.109**	0.100	0.100	99	109	80-120	10	15	
o-Xylene	**0.0501**	**0.0540**	0.0500	0.0500	100	108	80-120	7	15	
Styrene	**0.0566**	**0.0622**	0.0500	0.0500	113	124	80-122	9	15	I
Bromoform	**0.0495**	**0.0523**	0.0500	0.0500	99	105	78-126	6	15	
Isopropylbenzene	**0.0530**	**0.0585**	0.0500	0.0500	106	117	80-125	10	15	
Bromobenzene	**0.0539**	**0.0576**	0.0500	0.0500	108	115	79-124	7	15	
1,1,2,2-Tetrachloroethane	**0.0548**	**0.0558**	0.0500	0.0500	110	112	75-122	2	17	
1,2,3-Trichloropropane	**0.0557**	**0.0586**	0.0500	0.0500	111	117	72-125	5	20	
n-Propylbenzene	**0.0537**	**0.0598**	0.0500	0.0500	107	120	77-126	11	16	
2-Chlorotoluene	**0.0543**	**0.0583**	0.0500	0.0500	109	117	75-128	7	15	
4-Chlorotoluene	**0.0557**	**0.0603**	0.0500	0.0500	111	121	78-127	8	16	
1,3,5-Trimethylbenzene	**0.0560**	**0.0618**	0.0500	0.0500	112	124	77-128	10	15	
tert-Butylbenzene	**0.0559**	**0.0611**	0.0500	0.0500	112	122	73-130	9	20	
1,2,4-Trimethylbenzene	**0.0547**	**0.0601**	0.0500	0.0500	109	120	77-125	9	16	
sec-Butylbenzene	**0.0560**	**0.0628**	0.0500	0.0500	112	126	75-130	11	17	
1,3-Dichlorobenzene	**0.0509**	**0.0565**	0.0500	0.0500	102	113	78-123	10	17	
p-Isopropyltoluene	**0.0558**	**0.0645**	0.0500	0.0500	112	129	75-130	14	18	
1,4-Dichlorobenzene	**0.0521**	**0.0580**	0.0500	0.0500	104	116	77-121	11	17	
1,2-Dichlorobenzene	**0.0534**	**0.0575**	0.0500	0.0500	107	115	80-120	7	15	
n-Butylbenzene	**0.0569**	**0.0640**	0.0500	0.0500	114	128	76-131	12	20	
1,2-Dibromo-3-chloropropane	**0.0561**	**0.0577**	0.0500	0.0500	112	115	61-137	3	28	
1,2,4-Trichlorobenzene	**0.0537**	**0.0612**	0.0500	0.0500	107	122	77-127	13	17	
Hexachlorobutadiene	**0.0468**	**0.0522**	0.0500	0.0500	94	104	77-125	11	22	
Naphthalene	**0.0561**	**0.0596**	0.0500	0.0500	112	119	68-129	6	19	
1,2,3-Trichlorobenzene	**0.0560**	**0.0614**	0.0500	0.0500	112	123	77-124	9	19	
Surrogate:										
Dibromofluoromethane					*98*	*93*	*75-130*			
Toluene-d8					*94*	*94*	*78-128*			
4-Bromofluorobenzene					*99*	*103*	*71-130*			

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-071
Project: Jorgensen Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-06**					
Laboratory ID:	09-071-01					
n-Nitrosodimethylamine	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Pyridine	**ND**	0.21	EPA 8270E	9-12-23	9-12-23	
Phenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Aniline	**ND**	0.10	EPA 8270E	9-12-23	9-12-23	
bis(2-Chloroethyl)ether	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2-Chlorophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
1,3-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
1,4-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Benzyl alcohol	**ND**	0.042	EPA 8270E	9-12-23	9-12-23	
1,2-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2-Methylphenol (o-Cresol)	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
bis(2-Chloroisopropyl)ether	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
n-Nitroso-di-n-propylamine	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Hexachloroethane	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Nitrobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Isophorone	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2-Nitrophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2,4-Dimethylphenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
bis(2-Chloroethoxy)methane	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2,4-Dichlorophenol	**ND**	0.042	EPA 8270E	9-12-23	9-12-23	
1,2,4-Trichlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Naphthalene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
4-Chloroaniline	**ND**	0.042	EPA 8270E	9-12-23	9-12-23	
Hexachlorobutadiene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
4-Chloro-3-methylphenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
1-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Hexachlorocyclopentadiene	**ND**	0.12	EPA 8270E	9-12-23	9-12-23	
2,4,6-Trichlorophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2,3-Dichloroaniline	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2,4,5-Trichlorophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2-Chloronaphthalene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2-Nitroaniline	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
1,4-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Dimethylphthalate	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
1,3-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2,6-Dinitrotoluene	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
1,2-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Acenaphthylene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
3-Nitroaniline	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-071
Project: Jorgensen Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-06**					
Laboratory ID:	09-071-01					
2,4-Dinitrophenol	**ND**	0.28	EPA 8270E	9-12-23	9-12-23	
Acenaphthene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
4-Nitrophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2,4-Dinitrotoluene	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Dibenzofuran	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2,3,5,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2,3,4,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Diethylphthalate	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
4-Chlorophenyl-phenylether	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
4-Nitroaniline	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Fluorene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
4,6-Dinitro-2-methylphenol	**ND**	0.12	EPA 8270E	9-12-23	9-12-23	
n-Nitrosodiphenylamine	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
1,2-Diphenylhydrazine	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
4-Bromophenyl-phenylether	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Hexachlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Pentachlorophenol	**ND**	0.042	EPA 8270E	9-12-23	9-12-23	
Phenanthrene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Anthracene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Carbazole	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Di-n-butylphthalate	**ND**	0.10	EPA 8270E	9-12-23	9-12-23	
Fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Pyrene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Butylbenzylphthalate	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
bis-2-Ethylhexyladipate	**ND**	0.10	EPA 8270E	9-12-23	9-12-23	
3,3'-Dichlorobenzidine	**ND**	0.13	EPA 8270E	9-12-23	9-12-23	
Benzo[a]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Chrysene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	9-12-23	9-12-23	
Di-n-octylphthalate	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Benzo[b]fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Benzo(j,k)fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Benzo[a]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Dibenz[a,h]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Benzo[g,h,i]perylene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*63*	*11 - 111*				
Phenol-d6	*58*	*26 - 117*				
Nitrobenzene-d5	*63*	*31 - 111*				
2-Fluorobiphenyl	*72*	*38 - 109*				
2,4,6-Tribromophenol	*83*	*27 - 127*				
Terphenyl-d14	*76*	*37 - 116*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-071
Project: Jorgensen Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-07**					
Laboratory ID:	09-071-02					
n-Nitrosodimethylamine	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Pyridine	**ND**	0.21	EPA 8270E	9-12-23	9-12-23	
Phenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Aniline	**ND**	0.10	EPA 8270E	9-12-23	9-12-23	
bis(2-Chloroethyl)ether	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2-Chlorophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
1,3-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
1,4-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Benzyl alcohol	**ND**	0.041	EPA 8270E	9-12-23	9-12-23	
1,2-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2-Methylphenol (o-Cresol)	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
bis(2-Chloroisopropyl)ether	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
n-Nitroso-di-n-propylamine	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Hexachloroethane	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Nitrobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Isophorone	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2-Nitrophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2,4-Dimethylphenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
bis(2-Chloroethoxy)methane	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2,4-Dichlorophenol	**ND**	0.041	EPA 8270E	9-12-23	9-12-23	
1,2,4-Trichlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Naphthalene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
4-Chloroaniline	**ND**	0.041	EPA 8270E	9-12-23	9-12-23	
Hexachlorobutadiene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
4-Chloro-3-methylphenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
1-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Hexachlorocyclopentadiene	**ND**	0.12	EPA 8270E	9-12-23	9-12-23	
2,4,6-Trichlorophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2,3-Dichloroaniline	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2,4,5-Trichlorophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2-Chloronaphthalene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2-Nitroaniline	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
1,4-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Dimethylphthalate	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
1,3-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2,6-Dinitrotoluene	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
1,2-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Acenaphthylene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
3-Nitroaniline	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-071
Project: Jorgensen Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-07**					
Laboratory ID:	09-071-02					
2,4-Dinitrophenol	**ND**	0.28	EPA 8270E	9-12-23	9-12-23	
Acenaphthene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
4-Nitrophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2,4-Dinitrotoluene	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Dibenzofuran	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2,3,5,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2,3,4,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Diethylphthalate	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
4-Chlorophenyl-phenylether	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
4-Nitroaniline	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Fluorene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
4,6-Dinitro-2-methylphenol	**ND**	0.12	EPA 8270E	9-12-23	9-12-23	
n-Nitrosodiphenylamine	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
1,2-Diphenylhydrazine	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
4-Bromophenyl-phenylether	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Hexachlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Pentachlorophenol	**ND**	0.041	EPA 8270E	9-12-23	9-12-23	
Phenanthrene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Anthracene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Carbazole	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Di-n-butylphthalate	**ND**	0.10	EPA 8270E	9-12-23	9-12-23	
Fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Pyrene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Butylbenzylphthalate	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
bis-2-Ethylhexyladipate	**ND**	0.10	EPA 8270E	9-12-23	9-12-23	
3,3'-Dichlorobenzidine	**ND**	0.13	EPA 8270E	9-12-23	9-12-23	
Benzo[a]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Chrysene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	9-12-23	9-12-23	
Di-n-octylphthalate	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Benzo[b]fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Benzo(j,k)fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Benzo[a]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Dibenz[a,h]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Benzo[g,h,i]perylene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*55*	*11 - 111*				
Phenol-d6	*59*	*26 - 117*				
Nitrobenzene-d5	*56*	*31 - 111*				
2-Fluorobiphenyl	*72*	*38 - 109*				
2,4,6-Tribromophenol	*91*	*27 - 127*				
Terphenyl-d14	*84*	*37 - 116*				

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-071
Project: Jorgensen Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-08**					
Laboratory ID:	09-071-03					
n-Nitrosodimethylamine	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Pyridine	**ND**	0.21	EPA 8270E	9-12-23	9-12-23	
Phenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Aniline	**ND**	0.10	EPA 8270E	9-12-23	9-12-23	
bis(2-Chloroethyl)ether	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2-Chlorophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
1,3-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
1,4-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Benzyl alcohol	**ND**	0.041	EPA 8270E	9-12-23	9-12-23	
1,2-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2-Methylphenol (o-Cresol)	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
bis(2-Chloroisopropyl)ether	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
n-Nitroso-di-n-propylamine	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Hexachloroethane	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Nitrobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Isophorone	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2-Nitrophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2,4-Dimethylphenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
bis(2-Chloroethoxy)methane	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2,4-Dichlorophenol	**ND**	0.041	EPA 8270E	9-12-23	9-12-23	
1,2,4-Trichlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Naphthalene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
4-Chloroaniline	**ND**	0.041	EPA 8270E	9-12-23	9-12-23	
Hexachlorobutadiene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
4-Chloro-3-methylphenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
1-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Hexachlorocyclopentadiene	**ND**	0.12	EPA 8270E	9-12-23	9-12-23	
2,4,6-Trichlorophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2,3-Dichloroaniline	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2,4,5-Trichlorophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2-Chloronaphthalene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2-Nitroaniline	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
1,4-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Dimethylphthalate	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
1,3-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2,6-Dinitrotoluene	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
1,2-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Acenaphthylene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
3-Nitroaniline	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-071
Project: Jorgensen Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-08**					
Laboratory ID:	09-071-03					
2,4-Dinitrophenol	**ND**	0.28	EPA 8270E	9-12-23	9-12-23	
Acenaphthene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
4-Nitrophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2,4-Dinitrotoluene	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Dibenzofuran	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2,3,5,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2,3,4,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Diethylphthalate	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
4-Chlorophenyl-phenylether	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
4-Nitroaniline	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Fluorene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
4,6-Dinitro-2-methylphenol	**ND**	0.12	EPA 8270E	9-12-23	9-12-23	
n-Nitrosodiphenylamine	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
1,2-Diphenylhydrazine	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
4-Bromophenyl-phenylether	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Hexachlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Pentachlorophenol	**ND**	0.041	EPA 8270E	9-12-23	9-12-23	
Phenanthrene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Anthracene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Carbazole	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Di-n-butylphthalate	**ND**	0.10	EPA 8270E	9-12-23	9-12-23	
Fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Pyrene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Butylbenzylphthalate	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
bis-2-Ethylhexyladipate	**ND**	0.10	EPA 8270E	9-12-23	9-12-23	
3,3'-Dichlorobenzidine	**ND**	0.13	EPA 8270E	9-12-23	9-12-23	
Benzo[a]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Chrysene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	9-12-23	9-12-23	
Di-n-octylphthalate	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Benzo[b]fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Benzo(j,k)fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Benzo[a]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Dibenz[a,h]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Benzo[g,h,i]perylene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*68*	*11 - 111*				
Phenol-d6	*71*	*26 - 117*				
Nitrobenzene-d5	*76*	*31 - 111*				
2-Fluorobiphenyl	*86*	*38 - 109*				
2,4,6-Tribromophenol	*98*	*27 - 127*				
Terphenyl-d14	*92*	*37 - 116*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-071
Project: Jorgensen Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-09**					
Laboratory ID:	09-071-04					
n-Nitrosodimethylamine	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Pyridine	**ND**	0.21	EPA 8270E	9-12-23	9-12-23	
Phenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Aniline	**ND**	0.10	EPA 8270E	9-12-23	9-12-23	
bis(2-Chloroethyl)ether	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2-Chlorophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
1,3-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
1,4-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Benzyl alcohol	**ND**	0.041	EPA 8270E	9-12-23	9-12-23	
1,2-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2-Methylphenol (o-Cresol)	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
bis(2-Chloroisopropyl)ether	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
n-Nitroso-di-n-propylamine	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Hexachloroethane	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Nitrobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Isophorone	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2-Nitrophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2,4-Dimethylphenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
bis(2-Chloroethoxy)methane	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2,4-Dichlorophenol	**ND**	0.041	EPA 8270E	9-12-23	9-12-23	
1,2,4-Trichlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Naphthalene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
4-Chloroaniline	**ND**	0.041	EPA 8270E	9-12-23	9-12-23	
Hexachlorobutadiene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
4-Chloro-3-methylphenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
1-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Hexachlorocyclopentadiene	**ND**	0.12	EPA 8270E	9-12-23	9-12-23	
2,4,6-Trichlorophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2,3-Dichloroaniline	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2,4,5-Trichlorophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2-Chloronaphthalene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2-Nitroaniline	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
1,4-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Dimethylphthalate	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
1,3-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2,6-Dinitrotoluene	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
1,2-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Acenaphthylene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
3-Nitroaniline	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-071
Project: Jorgensen Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-09**					
Laboratory ID:	09-071-04					
2,4-Dinitrophenol	**ND**	0.28	EPA 8270E	9-12-23	9-12-23	
Acenaphthene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
4-Nitrophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2,4-Dinitrotoluene	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Dibenzofuran	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2,3,5,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
2,3,4,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Diethylphthalate	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
4-Chlorophenyl-phenylether	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
4-Nitroaniline	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Fluorene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
4,6-Dinitro-2-methylphenol	**ND**	0.12	EPA 8270E	9-12-23	9-12-23	
n-Nitrosodiphenylamine	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
1,2-Diphenylhydrazine	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
4-Bromophenyl-phenylether	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Hexachlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Pentachlorophenol	**ND**	0.041	EPA 8270E	9-12-23	9-12-23	
Phenanthrene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Anthracene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Carbazole	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Di-n-butylphthalate	**ND**	0.10	EPA 8270E	9-12-23	9-12-23	
Fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Pyrene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Butylbenzylphthalate	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
bis-2-Ethylhexyladipate	**ND**	0.10	EPA 8270E	9-12-23	9-12-23	
3,3'-Dichlorobenzidine	**ND**	0.13	EPA 8270E	9-12-23	9-12-23	
Benzo[a]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Chrysene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	9-12-23	9-12-23	
Di-n-octylphthalate	**ND**	0.021	EPA 8270E	9-12-23	9-12-23	
Benzo[b]fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Benzo(j,k)fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Benzo[a]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Dibenz[a,h]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Benzo[g,h,i]perylene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*37*	*11 - 111*				
Phenol-d6	*43*	*26 - 117*				
Nitrobenzene-d5	*38*	*31 - 111*				
2-Fluorobiphenyl	*53*	*38 - 109*				
2,4,6-Tribromophenol	*73*	*27 - 127*				
Terphenyl-d14	*70*	*37 - 116*				

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-071
Project: Jorgensen Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
QUALITY CONTROL
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0912S1					
n-Nitrosodimethylamine	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
Pyridine	**ND**	0.20	EPA 8270E	9-12-23	9-12-23	
Phenol	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
Aniline	**ND**	0.10	EPA 8270E	9-12-23	9-12-23	
bis(2-Chloroethyl)ether	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2-Chlorophenol	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
1,3-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
1,4-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Benzyl alcohol	**ND**	0.040	EPA 8270E	9-12-23	9-12-23	
1,2-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2-Methylphenol (o-Cresol)	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
bis(2-Chloroisopropyl)ether	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
n-Nitroso-di-n-propylamine	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Hexachloroethane	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Nitrobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Isophorone	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2-Nitrophenol	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
2,4-Dimethylphenol	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
bis(2-Chloroethoxy)methane	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2,4-Dichlorophenol	**ND**	0.040	EPA 8270E	9-12-23	9-12-23	
1,2,4-Trichlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Naphthalene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-13-23	
4-Chloroaniline	**ND**	0.040	EPA 8270E	9-12-23	9-12-23	
Hexachlorobutadiene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
4-Chloro-3-methylphenol	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
2-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-13-23	
1-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-13-23	
Hexachlorocyclopentadiene	**ND**	0.12	EPA 8270E	9-12-23	9-12-23	
2,4,6-Trichlorophenol	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
2,3-Dichloroaniline	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
2,4,5-Trichlorophenol	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
2-Chloronaphthalene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2-Nitroaniline	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
1,4-Dinitrobenzene	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
Dimethylphthalate	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
1,3-Dinitrobenzene	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
2,6-Dinitrotoluene	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
1,2-Dinitrobenzene	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
Acenaphthylene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-13-23	
3-Nitroaniline	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-071
Project: Jorgensen Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0912S1					
2,4-Dinitrophenol	**ND**	0.27	EPA 8270E	9-12-23	9-12-23	
Acenaphthene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-13-23	
4-Nitrophenol	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
2,4-Dinitrotoluene	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
Dibenzofuran	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
2,3,5,6-Tetrachlorophenol	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
2,3,4,6-Tetrachlorophenol	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
Diethylphthalate	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
4-Chlorophenyl-phenylether	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
4-Nitroaniline	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
Fluorene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-13-23	
4,6-Dinitro-2-methylphenol	**ND**	0.11	EPA 8270E	9-12-23	9-12-23	
n-Nitrosodiphenylamine	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
1,2-Diphenylhydrazine	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
4-Bromophenyl-phenylether	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Hexachlorobenzene	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Pentachlorophenol	**ND**	0.040	EPA 8270E	9-12-23	9-12-23	
Phenanthrene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-13-23	
Anthracene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-13-23	
Carbazole	**ND**	0.010	EPA 8270E	9-12-23	9-12-23	
Di-n-butylphthalate	**ND**	0.10	EPA 8270E	9-12-23	9-12-23	
Fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-13-23	
Pyrene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-13-23	
Butylbenzylphthalate	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
bis-2-Ethylhexyladipate	**ND**	0.10	EPA 8270E	9-12-23	9-12-23	
3,3'-Dichlorobenzidine	**ND**	0.13	EPA 8270E	9-12-23	9-12-23	
Benzo[a]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-13-23	
Chrysene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-13-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	9-12-23	9-12-23	
Di-n-octylphthalate	**ND**	0.020	EPA 8270E	9-12-23	9-12-23	
Benzo[b]fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-13-23	
Benzo(j,k)fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-13-23	
Benzo[a]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-13-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-13-23	
Dibenz[a,h]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-13-23	
Benzo[g,h,i]perylene	**ND**	0.0020	EPA 8270E/SIM	9-12-23	9-13-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*77*	*11 - 111*				
Phenol-d6	*69*	*26 - 117*				
Nitrobenzene-d5	*72*	*31 - 111*				
2-Fluorobiphenyl	*76*	*38 - 109*				
2,4,6-Tribromophenol	*81*	*27 - 127*				
Terphenyl-d14	*71*	*37 - 116*				

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-071
Project: Jorgensen Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
QUALITY CONTROL
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Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0912S1									
	SB	SBD	SB	SBD	SB	SBD				
n-Nitrosodimethylamine	**0.504**	**0.523**	0.667	0.667	76	78	20 - 120	4	30	
Pyridine	**0.312**	**0.311**	0.667	0.667	47	47	20 - 120	0	30	
Phenol	**0.570**	**0.567**	0.667	0.667	85	85	49 - 109	1	23	
Aniline	**0.513**	**0.497**	0.667	0.667	77	75	20 - 120	3	30	
bis(2-Chloroethyl)ether	**0.494**	**0.445**	0.667	0.667	74	67	20 - 120	10	30	
2-Chlorophenol	**0.551**	**0.518**	0.667	0.667	83	78	52 - 105	6	26	
1,3-Dichlorobenzene	**0.506**	**0.482**	0.667	0.667	76	72	20 - 120	5	30	
1,4-Dichlorobenzene	**0.509**	**0.493**	0.667	0.667	76	74	51 - 102	3	28	
Benzyl alcohol	**0.504**	**0.549**	0.667	0.667	76	82	20 - 120	9	30	
1,2-Dichlorobenzene	**0.513**	**0.507**	0.667	0.667	77	76	20 - 120	1	30	
2-Methylphenol (o-Cresol)	**0.525**	**0.534**	0.667	0.667	79	80	20 - 120	2	30	
bis(2-Chloroisopropyl)ether	**0.505**	**0.498**	0.667	0.667	76	75	20 - 120	1	30	
(3+4)-Methylphenol (m,p-Cresol)	**0.574**	**0.573**	0.667	0.667	86	86	20 - 120	0	30	
n-Nitroso-di-n-propylamine	**0.572**	**0.539**	0.667	0.667	86	81	46 - 111	6	25	
Hexachloroethane	**0.422**	**0.424**	0.667	0.667	63	64	20 - 120	0	30	
Nitrobenzene	**0.553**	**0.540**	0.667	0.667	83	81	20 - 120	2	30	
Isophorone	**0.560**	**0.520**	0.667	0.667	84	78	20 - 120	7	30	
2-Nitrophenol	**0.553**	**0.562**	0.667	0.667	83	84	20 - 120	2	30	
2,4-Dimethylphenol	**0.687**	**0.747**	0.667	0.667	103	112	20 - 120	8	30	
bis(2-Chloroethoxy)methane	**0.537**	**0.535**	0.667	0.667	81	80	20 - 120	0	30	
2,4-Dichlorophenol	**0.544**	**0.587**	0.667	0.667	82	88	20 - 120	8	30	
1,2,4-Trichlorobenzene	**0.567**	**0.559**	0.667	0.667	85	84	52 - 106	1	28	
Naphthalene	**0.543**	**0.548**	0.667	0.667	81	82	20 - 120	1	30	
4-Chloroaniline	**0.512**	**0.534**	0.667	0.667	77	80	20 - 120	4	30	
Hexachlorobutadiene	**0.553**	**0.568**	0.667	0.667	83	85	20 - 120	3	30	
4-Chloro-3-methylphenol	**0.555**	**0.593**	0.667	0.667	83	89	54 - 112	7	20	
2-Methylnaphthalene	**0.591**	**0.602**	0.667	0.667	89	90	20 - 120	2	30	
1-Methylnaphthalene	**0.555**	**0.571**	0.667	0.667	83	86	20 - 120	3	30	
Hexachlorocyclopentadiene	**0.174**	**0.178**	0.667	0.667	26	27	20 - 120	2	30	
2,4,6-Trichlorophenol	**0.608**	**0.610**	0.667	0.667	91	91	20 - 120	0	30	
2,3-Dichloroaniline	**0.522**	**0.521**	0.667	0.667	78	78	20 - 120	0	30	
2,4,5-Trichlorophenol	**0.659**	**0.655**	0.667	0.667	99	98	20 - 120	1	30	
2-Chloronaphthalene	**0.594**	**0.572**	0.667	0.667	89	86	20 - 120	4	30	
2-Nitroaniline	**0.594**	**0.585**	0.667	0.667	89	88	20 - 120	2	30	
1,4-Dinitrobenzene	**0.618**	**0.626**	0.667	0.667	93	94	20 - 120	1	30	
Dimethylphthalate	**0.622**	**0.636**	0.667	0.667	93	95	20 - 120	2	30	
1,3-Dinitrobenzene	**0.629**	**0.617**	0.667	0.667	94	93	20 - 120	2	30	
2,6-Dinitrotoluene	**0.592**	**0.624**	0.667	0.667	89	94	20 - 120	5	30	
1,2-Dinitrobenzene	**0.541**	**0.512**	0.667	0.667	81	77	20 - 120	6	30	
Acenaphthylene	**0.566**	**0.579**	0.667	0.667	85	87	20 - 120	2	30	
3-Nitroaniline	**0.584**	**0.559**	0.667	0.667	88	84	20 - 120	4	30	

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Laboratory Reference: 2309-071
Project: Jorgensen Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
QUALITY CONTROL
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Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0912S1									
	SB	SBD	SB	SBD	SB	SBD				
2,4-Dinitrophenol	**0.198**	**0.179**	0.667	0.667	30	27	20 - 120	10	30	
Acenaphthene	**0.602**	**0.618**	0.667	0.667	90	93	55 - 101	3	20	
4-Nitrophenol	**0.617**	**0.633**	0.667	0.667	93	95	34 - 136	3	22	
2,4-Dinitrotoluene	**0.502**	**0.536**	0.667	0.667	75	80	51 - 111	7	21	
Dibenzofuran	**0.584**	**0.616**	0.667	0.667	88	92	20 - 120	5	30	
2,3,5,6-Tetrachlorophenol	**0.577**	**0.596**	0.667	0.667	87	89	20 - 120	3	30	
2,3,4,6-Tetrachlorophenol	**0.546**	**0.610**	0.667	0.667	82	91	20 - 120	11	30	
Diethylphthalate	**0.606**	**0.610**	0.667	0.667	91	91	20 - 120	1	30	
4-Chlorophenyl-phenylether	**0.635**	**0.632**	0.667	0.667	95	95	20 - 120	0	30	
4-Nitroaniline	**0.581**	**0.506**	0.667	0.667	87	76	20 - 120	14	30	
Fluorene	**0.620**	**0.624**	0.667	0.667	93	94	20 - 120	1	30	
4,6-Dinitro-2-methylphenol	**0.219**	**0.205**	0.667	0.667	33	31	20 - 120	7	30	
n-Nitrosodiphenylamine	**0.587**	**0.553**	0.667	0.667	88	83	20 - 120	6	30	
1,2-Diphenylhydrazine	**0.601**	**0.571**	0.667	0.667	90	86	20 - 120	5	30	
4-Bromophenyl-phenylether	**0.648**	**0.625**	0.667	0.667	97	94	20 - 120	4	30	
Hexachlorobenzene	**0.649**	**0.631**	0.667	0.667	97	95	20 - 120	3	30	
Pentachlorophenol	**0.660**	**0.613**	0.667	0.667	99	92	34 - 134	7	23	
Phenanthrene	**0.583**	**0.603**	0.667	0.667	87	90	20 - 120	3	30	
Anthracene	**0.641**	**0.638**	0.667	0.667	96	96	20 - 120	0	30	
Carbazole	**0.592**	**0.563**	0.667	0.667	89	84	20 - 120	5	30	
Di-n-butylphthalate	**0.633**	**0.597**	0.667	0.667	95	90	20 - 120	6	30	
Fluoranthene	**0.648**	**0.638**	0.667	0.667	97	96	20 - 120	2	30	
Pyrene	**0.639**	**0.651**	0.667	0.667	96	98	53 - 113	2	20	
Butylbenzylphthalate	**0.562**	**0.636**	0.667	0.667	84	95	20 - 120	12	30	
bis-2-Ethylhexyladipate	**0.583**	**0.599**	0.667	0.667	87	90	20 - 120	3	30	
3,3'-Dichlorobenzidine	**0.519**	**0.529**	0.667	0.667	78	79	20 - 120	2	30	
Benzo[a]anthracene	**0.631**	**0.657**	0.667	0.667	95	99	20 - 120	4	30	
Chrysene	**0.627**	**0.696**	0.667	0.667	94	104	20 - 120	10	30	
bis(2-Ethylhexyl)phthalate	**0.546**	**0.551**	0.667	0.667	82	83	20 - 120	1	30	
Di-n-octylphthalate	**0.613**	**0.645**	0.667	0.667	92	97	20 - 120	5	30	
Benzo[b]fluoranthene	**0.622**	**0.639**	0.667	0.667	93	96	20 - 120	3	30	
Benzo(j,k)fluoranthene	**0.680**	**0.692**	0.667	0.667	102	104	20 - 120	2	30	
Benzo[a]pyrene	**0.682**	**0.672**	0.667	0.667	102	101	20 - 120	1	30	
Indeno[1,2,3-cd]pyrene	**0.659**	**0.764**	0.667	0.667	99	115	20 - 120	15	30	
Dibenz[a,h]anthracene	**0.641**	**0.652**	0.667	0.667	96	98	20 - 120	2	30	
Benzo[g,h,i]perylene	**0.637**	**0.647**	0.667	0.667	96	97	20 - 120	2	30	
Surrogate:										
2-Fluorophenol					*81*	*78*	*11 - 111*			
Phenol-d6					*86*	*77*	*26 - 117*			
Nitrobenzene-d5					*83*	*83*	*31 - 111*			
2-Fluorobiphenyl					*95*	*97*	*38 - 109*			
2,4,6-Tribromophenol					*110*	*102*	*27 - 127*			
Terphenyl-d14					*94*	*98*	*37 - 116*			

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-071
Project: Jorgensen Import Fill Sampling

PCBs EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-06**					
Laboratory ID:	09-071-01					
Aroclor 1016	**ND**	0.0042	EPA 8082A	9-12-23	9-12-23	
Aroclor 1221	**ND**	0.0042	EPA 8082A	9-12-23	9-12-23	
Aroclor 1232	**ND**	0.0042	EPA 8082A	9-12-23	9-12-23	
Aroclor 1242	**ND**	0.0042	EPA 8082A	9-12-23	9-12-23	
Aroclor 1248	**ND**	0.0042	EPA 8082A	9-12-23	9-12-23	
Aroclor 1254	**ND**	0.0042	EPA 8082A	9-12-23	9-12-23	
Aroclor 1260	**ND**	0.0042	EPA 8082A	9-12-23	9-12-23	
Aroclor 1262	**ND**	0.0042	EPA 8082A	9-12-23	9-12-23	
Aroclor 1268	**ND**	0.0042	EPA 8082A	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*91*	*50-127*				
Client ID:	**FS-091123-07**					
Laboratory ID:	09-071-02					
Aroclor 1016	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1221	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1232	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1242	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1248	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1254	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1260	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1262	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1268	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*92*	*50-127*				
Client ID:	**FS-091123-08**					
Laboratory ID:	09-071-03					
Aroclor 1016	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1221	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1232	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1242	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1248	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1254	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1260	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1262	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1268	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*92*	*50-127*				

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-071
Project: Jorgensen Import Fill Sampling

PCBs EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-09**					
Laboratory ID:	09-071-04					
Aroclor 1016	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1221	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1232	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1242	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1248	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1254	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1260	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1262	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Aroclor 1268	**ND**	0.0041	EPA 8082A	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*91*	*50-127*				

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-071
Project: Jorgensen Import Fill Sampling

PCBs EPA 8082A
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0912S1					
Aroclor 1016	**ND**	0.0040	EPA 8082A	9-12-23	9-12-23	
Aroclor 1221	**ND**	0.0040	EPA 8082A	9-12-23	9-12-23	
Aroclor 1232	**ND**	0.0040	EPA 8082A	9-12-23	9-12-23	
Aroclor 1242	**ND**	0.0040	EPA 8082A	9-12-23	9-12-23	
Aroclor 1248	**ND**	0.0040	EPA 8082A	9-12-23	9-12-23	
Aroclor 1254	**ND**	0.0040	EPA 8082A	9-12-23	9-12-23	
Aroclor 1260	**ND**	0.0040	EPA 8082A	9-12-23	9-12-23	
Aroclor 1262	**ND**	0.0040	EPA 8082A	9-12-23	9-12-23	
Aroclor 1268	**ND**	0.0040	EPA 8082A	9-12-23	9-12-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*88*	*50-127*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS											
Laboratory ID:	SB0912S1										
	SB	SBD	SB	SBD		SB	SBD				
Aroclor 1260	**0.444**	**0.392**	0.500	0.500	N/A	**89**	**78**	55-119	12	34	
Surrogate:											
DCB						*85*	*74*	*50-127*			

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-071
Project: Jorgensen Import Fill Sampling

TOTAL METALS
EPA 6020B/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-06**					
Laboratory ID:	09-071-01					
Arsenic	**2.2**	0.52	EPA 6020B	9-12-23	9-12-23	
Cadmium	**0.12**	0.052	EPA 6020B	9-12-23	9-12-23	
Chromium	**13**	0.52	EPA 6020B	9-12-23	9-12-23	
Cobalt	**4.6**	0.13	EPA 6020B	9-12-23	9-12-23	
Copper	**15**	0.52	EPA 6020B	9-12-23	9-12-23	
Lead	**2.1**	0.52	EPA 6020B	9-12-23	9-12-23	
Mercury	**ND**	0.052	EPA 7471B	9-12-23	9-12-23	
Nickel	**13**	0.52	EPA 6020B	9-12-23	9-12-23	
Selenium	**0.15**	0.13	EPA 6020B	9-12-23	9-12-23	
Silver	**0.071**	0.052	EPA 6020B	9-12-23	9-12-23	
Vanadium	**16**	0.52	EPA 6020B	9-12-23	9-12-23	
Zinc	**19**	0.52	EPA 6020B	9-12-23	9-12-23	
Client ID:	**FS-091123-07**					
Laboratory ID:	09-071-02					
Arsenic	**1.7**	0.52	EPA 6020B	9-12-23	9-12-23	
Cadmium	**ND**	0.052	EPA 6020B	9-12-23	9-12-23	
Chromium	**8.0**	0.52	EPA 6020B	9-12-23	9-12-23	
Cobalt	**4.3**	0.13	EPA 6020B	9-12-23	9-12-23	
Copper	**11**	0.52	EPA 6020B	9-12-23	9-12-23	
Lead	**1.7**	0.52	EPA 6020B	9-12-23	9-12-23	
Mercury	**ND**	0.052	EPA 7471B	9-12-23	9-12-23	
Nickel	**10**	0.52	EPA 6020B	9-12-23	9-12-23	
Selenium	**ND**	0.13	EPA 6020B	9-12-23	9-12-23	
Silver	**ND**	0.052	EPA 6020B	9-12-23	9-12-23	
Vanadium	**13**	0.52	EPA 6020B	9-12-23	9-12-23	
Zinc	**16**	0.52	EPA 6020B	9-12-23	9-12-23	

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-071
Project: Jorgensen Import Fill Sampling

TOTAL METALS
EPA 6020B/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-091123-08**					
Laboratory ID:	09-071-03					
Arsenic	**1.9**	0.52	EPA 6020B	9-12-23	9-12-23	
Cadmium	**ND**	0.052	EPA 6020B	9-12-23	9-12-23	
Chromium	**9.3**	0.52	EPA 6020B	9-12-23	9-12-23	
Cobalt	**4.2**	0.13	EPA 6020B	9-12-23	9-12-23	
Copper	**12**	0.52	EPA 6020B	9-12-23	9-12-23	
Lead	**1.6**	0.52	EPA 6020B	9-12-23	9-12-23	
Mercury	**ND**	0.052	EPA 7471B	9-12-23	9-12-23	
Nickel	**12**	0.52	EPA 6020B	9-12-23	9-12-23	
Selenium	**ND**	0.13	EPA 6020B	9-12-23	9-12-23	
Silver	**ND**	0.052	EPA 6020B	9-12-23	9-12-23	
Vanadium	**16**	0.52	EPA 6020B	9-12-23	9-12-23	
Zinc	**18**	0.52	EPA 6020B	9-12-23	9-12-23	
Client ID:	**FS-091123-09**					
Laboratory ID:	09-071-04					
Arsenic	**2.0**	0.51	EPA 6020B	9-12-23	9-12-23	
Cadmium	**ND**	0.051	EPA 6020B	9-12-23	9-12-23	
Chromium	**12**	0.51	EPA 6020B	9-12-23	9-12-23	
Cobalt	**4.2**	0.13	EPA 6020B	9-12-23	9-12-23	
Copper	**11**	0.51	EPA 6020B	9-12-23	9-12-23	
Lead	**1.5**	0.51	EPA 6020B	9-12-23	9-12-23	
Mercury	**ND**	0.051	EPA 7471B	9-12-23	9-12-23	
Nickel	**12**	0.51	EPA 6020B	9-12-23	9-12-23	
Selenium	**ND**	0.13	EPA 6020B	9-12-23	9-12-23	
Silver	**ND**	0.051	EPA 6020B	9-12-23	9-12-23	
Vanadium	**13**	2.6	EPA 6020B	9-12-23	9-12-23	
Zinc	**18**	2.6	EPA 6020B	9-12-23	9-12-23	

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-071
Project: Jorgensen Import Fill Sampling

TOTAL METALS
EPA 6020B/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0912SM1					
Arsenic	**ND**	0.500	EPA 6020B	9-12-23	9-12-23	
Cadmium	**ND**	0.0500	EPA 6020B	9-12-23	9-12-23	
Chromium	**ND**	0.500	EPA 6020B	9-12-23	9-12-23	
Cobalt	**ND**	0.125	EPA 6020B	9-12-23	9-12-23	
Copper	**ND**	0.500	EPA 6020B	9-12-23	9-12-23	
Lead	**ND**	0.500	EPA 6020B	9-12-23	9-12-23	
Nickel	**ND**	0.500	EPA 6020B	9-12-23	9-12-23	
Selenium	**ND**	0.125	EPA 6020B	9-12-23	9-12-23	
Silver	**ND**	0.0500	EPA 6020B	9-12-23	9-12-23	
Vanadium	**ND**	0.500	EPA 6020B	9-12-23	9-12-23	
Zinc	**ND**	0.500	EPA 6020B	9-12-23	9-12-23	
Laboratory ID:	SB0912S1					
Mercury	**ND**	0.0500	EPA 7471B	9-12-23	9-12-23	

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-071
Project: Jorgensen Import Fill Sampling

TOTAL METALS
EPA 6020B/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	09-071-04										
	ORIG	DUP									
Arsenic	**1.98**	**1.86**	NA	NA		NA		NA	6	20	
Cadmium	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Chromium	**11.4**	**10.7**	NA	NA		NA		NA	6	20	
Cobalt	**4.08**	**4.15**	NA	NA		NA		NA	2	20	
Copper	**11.0**	**10.9**	NA	NA		NA		NA	1	20	
Lead	**1.44**	**1.43**	NA	NA		NA		NA	1	20	
Nickel	**11.9**	**12.1**	NA	NA		NA		NA	1	20	
Selenium	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Silver	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Vanadium	**12.9**	**12.2**	NA	NA		NA		NA	6	20	
Zinc	**17.5**	**16.9**	NA	NA		NA		NA	4	20	
Laboratory ID:	09-071-04										
Mercury	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	09-071-04										
	MS	MSD	MS	MSD		MS	MSD				
Arsenic	**106**	**108**	100	100	1.98	**104**	**106**	75-125	1	20	
Cadmium	**54.5**	**55.0**	50.0	50.0	ND	**109**	**110**	75-125	1	20	
Chromium	**113**	**109**	100	100	11.4	**101**	**98**	75-125	3	20	
Cobalt	**66.5**	**65.0**	50.0	50.0	4.08	**125**	**122**	75-125	2	20	
Copper	**73.0**	**70.0**	50.0	50.0	11.0	**124**	**118**	75-125	4	20	
Lead	**275**	**272**	250	250	1.44	**109**	**108**	75-125	1	20	
Nickel	**132**	**127**	100	100	11.9	**120**	**115**	75-125	3	20	
Selenium	**114**	**113**	100	100	ND	**114**	**113**	75-125	0	20	
Silver	**24.9**	**24.8**	25.0	25.0	ND	**100**	**99**	75-125	0	20	
Vanadium	**68.0**	**64.0**	50.0	50.0	12.9	**110**	**102**	75-125	6	20	
Zinc	**127**	**123**	100	100	17.5	**110**	**106**	75-125	3	20	
Laboratory ID:	08-358-03										
Mercury	**0.498**	**0.486**	0.500	0.500	0.0188	**96**	**93**	80-120	2	20	

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Date of Report: September 13, 2023
Samples Submitted: September 11, 2023
Laboratory Reference: 2309-071
Project: Jorgensen Import Fill Sampling

% MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
FS-091123-06	09-071-01	**4**	9-12-23
FS-091123-07	09-071-02	**3**	9-12-23
FS-091123-08	09-071-03	**3**	9-12-23
FS-091123-09	09-071-04	**3**	9-12-23

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: DH Environmental
Project Number:
Project Name: Torgenson Import Fill Sampling
Project Manager: D. Hill
Sampled by: N. Moxley / B. Johnson

Turnaround Request (in working days)
(Check One)
☐ Same Day ☒ 1 Day ☐ 2 Days ☐ 3 Days ☐ Standard (7 Days)
☒ Best Available (other)

Laboratory Number: 09-071

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (SG Clean-up☐)	Volatiles 8260	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals * (see list)	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664	% Moisture
1	FS-091123-06	9/11/23	1325	Soil	5			X	X	X			X		X				X				X
2	FS-091123-07		1330																				
3	FS-091123-08		1335																				
4	FS-091123-09		1340																				
~~5~~	~~FS-091123-10~~		~~1345~~																				

Cancelled PB 9/11/23

	Signature	Company	Date	Time
Relinquished		DH Env.	9-11-23	1535
Received		ONE	9/11/23	1535
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
* As, Cd, Cr, Cu, Pb, Hg, Ni, Se, Ag, V, Zn, and Co

Data Package: Standard ☒ Level III ☐ Level IV ☐
Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☒

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

October 3, 2023

David Hill
DH Environmental, Inc.
1011 SW Klickitat Way, Suite 107
Seattle, WA 98103

Re: Analytical Data for Project Jorgenson Import Fill Sampling
Laboratory Reference No. 2309-278

Dear David:

Enclosed are the analytical results and associated quality control data for samples submitted on September 26, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

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Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

Case Narrative

Samples were collected on September 26, 2023 and received by the laboratory on September 26, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below. However the soil results for the QA/QC samples are reported on a wet-weight basis.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Semivolatiles EPA 8270E/SIM Analysis

The RPD for Hexachloroethane, Hexachlorocyclopentadiene, 2,4-Dinitrophenol, 4-Nitrophenol, and 4,6-Dinitro-2-methylphenol is outside the control limits for the Spike Blank/Spike Blank Duplicate. The percent recoveries on both spike blanks are within recovery limits. The method allows for a percentage of the compounds to fall outside of the control limits due to the large number of analytes being spiked.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

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Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-01**					
Laboratory ID:	09-278-01					
Gasoline	**ND**	2.7	NWTPH-Gx	9-26-23	9-26-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*86*	*65-126*				
Client ID:	**FS-092623-02**					
Laboratory ID:	09-278-02					
Gasoline	**ND**	3.1	NWTPH-Gx	9-26-23	9-26-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*87*	*65-126*				
Client ID:	**FS-092623-03**					
Laboratory ID:	09-278-03					
Gasoline	**ND**	3.1	NWTPH-Gx	9-26-23	9-26-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*86*	*65-126*				
Client ID:	**FS-092623-04**					
Laboratory ID:	09-278-04					
Gasoline	**ND**	2.8	NWTPH-Gx	9-26-23	9-26-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*85*	*65-126*				
Client ID:	**FS-092623-05**					
Laboratory ID:	09-278-05					
Gasoline	**ND**	2.7	NWTPH-Gx	9-26-23	9-26-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*83*	*65-126*				
Client ID:	**FS-092623-06**					
Laboratory ID:	09-278-06					
Gasoline	**ND**	3.0	NWTPH-Gx	9-26-23	9-26-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*84*	*65-126*				
Client ID:	**FS-092623-07**					
Laboratory ID:	09-278-07					
Gasoline	**ND**	2.8	NWTPH-Gx	9-26-23	9-26-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*87*	*65-126*				

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Date of Report: October 3, 2023
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Project: Jorgenson Import Fill Sampling

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-08**					
Laboratory ID:	09-278-08					
Gasoline	**ND**	2.8	NWTPH-Gx	9-26-23	9-26-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*82*	*65-126*				
Client ID:	**FS-092623-09**					
Laboratory ID:	09-278-09					
Gasoline	**ND**	2.5	NWTPH-Gx	9-26-23	9-26-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*86*	*65-126*				
Client ID:	**FS-092623-10**					
Laboratory ID:	09-278-10					
Gasoline	**ND**	2.4	NWTPH-Gx	9-26-23	9-26-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*83*	*65-126*				

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Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

GASOLINE RANGE ORGANICS
NWTPH-Gx
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0926S2					
Gasoline	**ND**	2.5	NWTPH-Gx	9-26-23	9-26-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*85*	*65-126*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	09-278-01										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*86*	*87*	*65-126*			

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Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-01**					
Laboratory ID:	09-278-01					
Diesel Range Organics	**ND**	8.7	NWTPH-Dx	9-28-23	9-29-23	
Lube Oil Range Organics	**ND**	17	NWTPH-Dx	9-28-23	9-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*83*	*50-150*				
Client ID:	**FS-092623-02**					
Laboratory ID:	09-278-02					
Diesel Range Organics	**ND**	8.7	NWTPH-Dx	9-28-23	9-29-23	
Lube Oil Range Organics	**ND**	17	NWTPH-Dx	9-28-23	9-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*81*	*50-150*				
Client ID:	**FS-092623-03**					
Laboratory ID:	09-278-03					
Diesel Range Organics	**ND**	8.7	NWTPH-Dx	9-28-23	9-29-23	
Lube Oil Range Organics	**ND**	17	NWTPH-Dx	9-28-23	9-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*86*	*50-150*				
Client ID:	**FS-092623-04**					
Laboratory ID:	09-278-04					
Diesel Range Organics	**ND**	8.7	NWTPH-Dx	9-28-23	9-29-23	
Lube Oil Range Organics	**ND**	17	NWTPH-Dx	9-28-23	9-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*84*	*50-150*				
Client ID:	**FS-092623-05**					
Laboratory ID:	09-278-05					
Diesel Range Organics	**ND**	8.7	NWTPH-Dx	9-28-23	9-29-23	
Lube Oil Range Organics	**ND**	17	NWTPH-Dx	9-28-23	9-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*85*	*50-150*				
Client ID:	**FS-092623-06**					
Laboratory ID:	09-278-06					
Diesel Range Organics	**ND**	8.7	NWTPH-Dx	9-28-23	9-29-23	
Lube Oil Range Organics	**ND**	17	NWTPH-Dx	9-28-23	9-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*75*	*50-150*				

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Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-07**					
Laboratory ID:	09-278-07					
Diesel Range Organics	**ND**	8.7	NWTPH-Dx	9-28-23	9-29-23	
Lube Oil Range Organics	**ND**	17	NWTPH-Dx	9-28-23	9-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*79*	*50-150*				
Client ID:	**FS-092623-08**					
Laboratory ID:	09-278-08					
Diesel Range Organics	**ND**	8.6	NWTPH-Dx	9-28-23	9-29-23	
Lube Oil Range Organics	**ND**	17	NWTPH-Dx	9-28-23	9-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*87*	*50-150*				
Client ID:	**FS-092623-09**					
Laboratory ID:	09-278-09					
Diesel Range Organics	**ND**	8.7	NWTPH-Dx	9-28-23	9-29-23	
Lube Oil Range Organics	**ND**	18	NWTPH-Dx	9-28-23	9-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*80*	*50-150*				
Client ID:	**FS-092623-10**					
Laboratory ID:	09-278-10					
Diesel Range Organics	**ND**	8.7	NWTPH-Dx	9-28-23	9-29-23	
Lube Oil Range Organics	**ND**	18	NWTPH-Dx	9-28-23	9-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*77*	*50-150*				

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Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0928S1					
Diesel Range Organics	**ND**	8.3	NWTPH-Dx	9-28-23	9-28-23	
Lube Oil Range Organics	**ND**	17	NWTPH-Dx	9-28-23	9-28-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*73*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	SB0928S1										
	ORIG	DUP									
Diesel Fuel #2	**77.3**	**76.5**	NA	NA		NA		NA	1	40	
Surrogate:											
o-Terphenyl						*73*	*73*	*50-150*			

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Date of Report: October 3, 2023
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Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-01**					
Laboratory ID:	09-278-01					
Dichlorodifluoromethane	ND	0.00080	EPA 8260D	9-29-23	9-29-23	
Chloromethane	ND	0.00060	EPA 8260D	9-29-23	9-29-23	
Vinyl Chloride	ND	0.00060	EPA 8260D	9-29-23	9-29-23	
Bromomethane	ND	0.00060	EPA 8260D	9-29-23	9-29-23	
Chloroethane	ND	0.0012	EPA 8260D	9-29-23	9-29-23	
Trichlorofluoromethane	ND	0.00060	EPA 8260D	9-29-23	9-29-23	
1,1-Dichloroethene	ND	0.00060	EPA 8260D	9-29-23	9-29-23	
Acetone	ND	0.0060	EPA 8260D	9-29-23	9-29-23	
Iodomethane	ND	0.0060	EPA 8260D	9-29-23	9-29-23	
Carbon Disulfide	ND	0.0012	EPA 8260D	9-29-23	9-29-23	
Methylene Chloride	ND	0.0060	EPA 8260D	9-29-23	9-29-23	
(trans) 1,2-Dichloroethene	ND	0.00060	EPA 8260D	9-29-23	9-29-23	
Methyl t-Butyl Ether	ND	0.00060	EPA 8260D	9-29-23	9-29-23	
1,1-Dichloroethane	ND	0.00060	EPA 8260D	9-29-23	9-29-23	
Vinyl Acetate	ND	0.00060	EPA 8260D	9-29-23	9-29-23	
2,2-Dichloropropane	ND	0.00060	EPA 8260D	9-29-23	9-29-23	
(cis) 1,2-Dichloroethene	ND	0.00060	EPA 8260D	9-29-23	9-29-23	
2-Butanone	ND	0.0060	EPA 8260D	9-29-23	9-29-23	
Bromochloromethane	ND	0.0012	EPA 8260D	9-29-23	9-29-23	
Chloroform	ND	0.0012	EPA 8260D	9-29-23	9-29-23	
1,1,1-Trichloroethane	ND	0.00060	EPA 8260D	9-29-23	9-29-23	
Carbon Tetrachloride	ND	0.00060	EPA 8260D	9-29-23	9-29-23	
1,1-Dichloropropene	ND	0.00060	EPA 8260D	9-29-23	9-29-23	
Benzene	ND	0.00060	EPA 8260D	9-29-23	9-29-23	
1,2-Dichloroethane	ND	0.00060	EPA 8260D	9-29-23	9-29-23	
Trichloroethene	ND	0.00060	EPA 8260D	9-29-23	9-29-23	
1,2-Dichloropropane	ND	0.0012	EPA 8260D	9-29-23	9-29-23	
Dibromomethane	ND	0.0012	EPA 8260D	9-29-23	9-29-23	
Bromodichloromethane	ND	0.00060	EPA 8260D	9-29-23	9-29-23	
2-Chloroethyl Vinyl Ether	ND	0.0060	EPA 8260D	9-29-23	9-29-23	
(cis) 1,3-Dichloropropene	ND	0.00060	EPA 8260D	9-29-23	9-29-23	
Methyl Isobutyl Ketone	ND	0.0012	EPA 8260D	9-29-23	9-29-23	
Toluene	ND	0.0012	EPA 8260D	9-29-23	9-29-23	

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VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-01**					
Laboratory ID:	09-278-01					
(trans) 1,3-Dichloropropene	ND	0.00060	EPA 8260D	9-29-23	9-29-23	
1,1,2-Trichloroethane	ND	0.00060	EPA 8260D	9-29-23	9-29-23	
Tetrachloroethene	ND	0.00060	EPA 8260D	9-29-23	9-29-23	
1,3-Dichloropropane	ND	0.00060	EPA 8260D	9-29-23	9-29-23	
2-Hexanone	ND	0.0012	EPA 8260D	9-29-23	9-29-23	
Dibromochloromethane	ND	0.00060	EPA 8260D	9-29-23	9-29-23	
1,2-Dibromoethane	ND	0.00060	EPA 8260D	9-29-23	9-29-23	
Chlorobenzene	ND	0.00060	EPA 8260D	9-29-23	9-29-23	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260D	9-29-23	9-29-23	
Ethylbenzene	ND	0.00060	EPA 8260D	9-29-23	9-29-23	
m,p-Xylene	ND	0.0012	EPA 8260D	9-29-23	9-29-23	
o-Xylene	ND	0.00060	EPA 8260D	9-29-23	9-29-23	
Styrene	ND	0.00060	EPA 8260D	9-29-23	9-29-23	
Bromoform	ND	0.0012	EPA 8260D	9-29-23	9-29-23	
Isopropylbenzene	ND	0.00060	EPA 8260D	9-29-23	9-29-23	
Bromobenzene	ND	0.00060	EPA 8260D	9-29-23	9-29-23	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260D	9-29-23	9-29-23	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260D	9-29-23	9-29-23	
n-Propylbenzene	ND	0.00060	EPA 8260D	9-29-23	9-29-23	
2-Chlorotoluene	ND	0.00060	EPA 8260D	9-29-23	9-29-23	
4-Chlorotoluene	ND	0.00060	EPA 8260D	9-29-23	9-29-23	
1,3,5-Trimethylbenzene	ND	0.00060	EPA 8260D	9-29-23	9-29-23	
tert-Butylbenzene	ND	0.00060	EPA 8260D	9-29-23	9-29-23	
1,2,4-Trimethylbenzene	ND	0.00060	EPA 8260D	9-29-23	9-29-23	
sec-Butylbenzene	ND	0.00060	EPA 8260D	9-29-23	9-29-23	
1,3-Dichlorobenzene	ND	0.00060	EPA 8260D	9-29-23	9-29-23	
p-Isopropyltoluene	ND	0.00060	EPA 8260D	9-29-23	9-29-23	
1,4-Dichlorobenzene	ND	0.00060	EPA 8260D	9-29-23	9-29-23	
1,2-Dichlorobenzene	ND	0.00060	EPA 8260D	9-29-23	9-29-23	
n-Butylbenzene	ND	0.00060	EPA 8260D	9-29-23	9-29-23	
1,2-Dibromo-3-chloropropane	ND	0.0060	EPA 8260D	9-29-23	9-29-23	
1,2,4-Trichlorobenzene	ND	0.00060	EPA 8260D	9-29-23	9-29-23	
Hexachlorobutadiene	ND	0.0012	EPA 8260D	9-29-23	9-29-23	
Naphthalene	ND	0.0024	EPA 8260D	9-29-23	9-29-23	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260D	9-29-23	9-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*107*	*75-130*				
Toluene-d8	*95*	*78-128*				
4-Bromofluorobenzene	*100*	*71-130*				

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Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-02**					
Laboratory ID:	09-278-02					
Dichlorodifluoromethane	ND	0.00081	EPA 8260D	9-29-23	9-29-23	
Chloromethane	ND	0.00061	EPA 8260D	9-29-23	9-29-23	
Vinyl Chloride	ND	0.00061	EPA 8260D	9-29-23	9-29-23	
Bromomethane	ND	0.00061	EPA 8260D	9-29-23	9-29-23	
Chloroethane	ND	0.0012	EPA 8260D	9-29-23	9-29-23	
Trichlorofluoromethane	ND	0.00061	EPA 8260D	9-29-23	9-29-23	
1,1-Dichloroethene	ND	0.00061	EPA 8260D	9-29-23	9-29-23	
Acetone	ND	0.0061	EPA 8260D	9-29-23	9-29-23	
Iodomethane	ND	0.0061	EPA 8260D	9-29-23	9-29-23	
Carbon Disulfide	ND	0.0012	EPA 8260D	9-29-23	9-29-23	
Methylene Chloride	ND	0.0061	EPA 8260D	9-29-23	9-29-23	
(trans) 1,2-Dichloroethene	ND	0.00061	EPA 8260D	9-29-23	9-29-23	
Methyl t-Butyl Ether	ND	0.00061	EPA 8260D	9-29-23	9-29-23	
1,1-Dichloroethane	ND	0.00061	EPA 8260D	9-29-23	9-29-23	
Vinyl Acetate	ND	0.00061	EPA 8260D	9-29-23	9-29-23	
2,2-Dichloropropane	ND	0.00061	EPA 8260D	9-29-23	9-29-23	
(cis) 1,2-Dichloroethene	ND	0.00061	EPA 8260D	9-29-23	9-29-23	
2-Butanone	ND	0.0061	EPA 8260D	9-29-23	9-29-23	
Bromochloromethane	ND	0.0012	EPA 8260D	9-29-23	9-29-23	
Chloroform	ND	0.0012	EPA 8260D	9-29-23	9-29-23	
1,1,1-Trichloroethane	ND	0.00061	EPA 8260D	9-29-23	9-29-23	
Carbon Tetrachloride	ND	0.00061	EPA 8260D	9-29-23	9-29-23	
1,1-Dichloropropene	ND	0.00061	EPA 8260D	9-29-23	9-29-23	
Benzene	ND	0.00061	EPA 8260D	9-29-23	9-29-23	
1,2-Dichloroethane	ND	0.00061	EPA 8260D	9-29-23	9-29-23	
Trichloroethene	ND	0.00061	EPA 8260D	9-29-23	9-29-23	
1,2-Dichloropropane	ND	0.0012	EPA 8260D	9-29-23	9-29-23	
Dibromomethane	ND	0.0012	EPA 8260D	9-29-23	9-29-23	
Bromodichloromethane	ND	0.00061	EPA 8260D	9-29-23	9-29-23	
2-Chloroethyl Vinyl Ether	ND	0.0061	EPA 8260D	9-29-23	9-29-23	
(cis) 1,3-Dichloropropene	ND	0.00061	EPA 8260D	9-29-23	9-29-23	
Methyl Isobutyl Ketone	ND	0.0012	EPA 8260D	9-29-23	9-29-23	
Toluene	ND	0.0012	EPA 8260D	9-29-23	9-29-23	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-02**					
Laboratory ID:	09-278-02					
(trans) 1,3-Dichloropropene	ND	0.00061	EPA 8260D	9-29-23	9-29-23	
1,1,2-Trichloroethane	ND	0.00061	EPA 8260D	9-29-23	9-29-23	
Tetrachloroethene	ND	0.00061	EPA 8260D	9-29-23	9-29-23	
1,3-Dichloropropane	ND	0.00061	EPA 8260D	9-29-23	9-29-23	
2-Hexanone	ND	0.0012	EPA 8260D	9-29-23	9-29-23	
Dibromochloromethane	ND	0.00061	EPA 8260D	9-29-23	9-29-23	
1,2-Dibromoethane	ND	0.00061	EPA 8260D	9-29-23	9-29-23	
Chlorobenzene	ND	0.00061	EPA 8260D	9-29-23	9-29-23	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260D	9-29-23	9-29-23	
Ethylbenzene	ND	0.00061	EPA 8260D	9-29-23	9-29-23	
m,p-Xylene	ND	0.0012	EPA 8260D	9-29-23	9-29-23	
o-Xylene	ND	0.00061	EPA 8260D	9-29-23	9-29-23	
Styrene	ND	0.00061	EPA 8260D	9-29-23	9-29-23	
Bromoform	ND	0.0012	EPA 8260D	9-29-23	9-29-23	
Isopropylbenzene	ND	0.00061	EPA 8260D	9-29-23	9-29-23	
Bromobenzene	ND	0.00061	EPA 8260D	9-29-23	9-29-23	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260D	9-29-23	9-29-23	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260D	9-29-23	9-29-23	
n-Propylbenzene	ND	0.00061	EPA 8260D	9-29-23	9-29-23	
2-Chlorotoluene	ND	0.00061	EPA 8260D	9-29-23	9-29-23	
4-Chlorotoluene	ND	0.00061	EPA 8260D	9-29-23	9-29-23	
1,3,5-Trimethylbenzene	ND	0.00061	EPA 8260D	9-29-23	9-29-23	
tert-Butylbenzene	ND	0.00061	EPA 8260D	9-29-23	9-29-23	
1,2,4-Trimethylbenzene	ND	0.00061	EPA 8260D	9-29-23	9-29-23	
sec-Butylbenzene	ND	0.00061	EPA 8260D	9-29-23	9-29-23	
1,3-Dichlorobenzene	ND	0.00061	EPA 8260D	9-29-23	9-29-23	
p-Isopropyltoluene	ND	0.00061	EPA 8260D	9-29-23	9-29-23	
1,4-Dichlorobenzene	ND	0.00061	EPA 8260D	9-29-23	9-29-23	
1,2-Dichlorobenzene	ND	0.00061	EPA 8260D	9-29-23	9-29-23	
n-Butylbenzene	ND	0.00061	EPA 8260D	9-29-23	9-29-23	
1,2-Dibromo-3-chloropropane	ND	0.0061	EPA 8260D	9-29-23	9-29-23	
1,2,4-Trichlorobenzene	ND	0.00061	EPA 8260D	9-29-23	9-29-23	
Hexachlorobutadiene	ND	0.0012	EPA 8260D	9-29-23	9-29-23	
Naphthalene	ND	0.0024	EPA 8260D	9-29-23	9-29-23	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260D	9-29-23	9-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*109*	*75-130*				
Toluene-d8	*96*	*78-128*				
4-Bromofluorobenzene	*98*	*71-130*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-03**					
Laboratory ID:	09-278-03					
Dichlorodifluoromethane	ND	0.00052	EPA 8260D	10-3-23	10-3-23	
Chloromethane	ND	0.00052	EPA 8260D	10-3-23	10-3-23	
Vinyl Chloride	ND	0.00052	EPA 8260D	10-3-23	10-3-23	
Bromomethane	ND	0.00052	EPA 8260D	10-3-23	10-3-23	
Chloroethane	ND	0.0010	EPA 8260D	10-3-23	10-3-23	
Trichlorofluoromethane	ND	0.00052	EPA 8260D	10-3-23	10-3-23	
1,1-Dichloroethene	ND	0.00052	EPA 8260D	10-3-23	10-3-23	
Acetone	ND	0.0052	EPA 8260D	10-3-23	10-3-23	
Iodomethane	ND	0.0068	EPA 8260D	10-3-23	10-3-23	
Carbon Disulfide	ND	0.0010	EPA 8260D	10-3-23	10-3-23	
Methylene Chloride	ND	0.0052	EPA 8260D	10-3-23	10-3-23	
(trans) 1,2-Dichloroethene	ND	0.00052	EPA 8260D	10-3-23	10-3-23	
Methyl t-Butyl Ether	ND	0.00052	EPA 8260D	10-3-23	10-3-23	
1,1-Dichloroethane	ND	0.00052	EPA 8260D	10-3-23	10-3-23	
Vinyl Acetate	ND	0.00052	EPA 8260D	10-3-23	10-3-23	
2,2-Dichloropropane	ND	0.00052	EPA 8260D	10-3-23	10-3-23	
(cis) 1,2-Dichloroethene	ND	0.00052	EPA 8260D	10-3-23	10-3-23	
2-Butanone	ND	0.0052	EPA 8260D	10-3-23	10-3-23	
Bromochloromethane	ND	0.0010	EPA 8260D	10-3-23	10-3-23	
Chloroform	ND	0.0010	EPA 8260D	10-3-23	10-3-23	
1,1,1-Trichloroethane	ND	0.00052	EPA 8260D	10-3-23	10-3-23	
Carbon Tetrachloride	ND	0.00052	EPA 8260D	10-3-23	10-3-23	
1,1-Dichloropropene	ND	0.00052	EPA 8260D	10-3-23	10-3-23	
Benzene	ND	0.00052	EPA 8260D	10-3-23	10-3-23	
1,2-Dichloroethane	ND	0.00052	EPA 8260D	10-3-23	10-3-23	
Trichloroethene	ND	0.00052	EPA 8260D	10-3-23	10-3-23	
1,2-Dichloropropane	ND	0.0010	EPA 8260D	10-3-23	10-3-23	
Dibromomethane	ND	0.0010	EPA 8260D	10-3-23	10-3-23	
Bromodichloromethane	ND	0.00052	EPA 8260D	10-3-23	10-3-23	
2-Chloroethyl Vinyl Ether	ND	0.0052	EPA 8260D	10-3-23	10-3-23	
(cis) 1,3-Dichloropropene	ND	0.00052	EPA 8260D	10-3-23	10-3-23	
Methyl Isobutyl Ketone	ND	0.0010	EPA 8260D	10-3-23	10-3-23	
Toluene	ND	0.0010	EPA 8260D	10-3-23	10-3-23	

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Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-03**					
Laboratory ID:	09-278-03					
(trans) 1,3-Dichloropropene	ND	0.00052	EPA 8260D	10-3-23	10-3-23	
1,1,2-Trichloroethane	ND	0.00052	EPA 8260D	10-3-23	10-3-23	
Tetrachloroethene	ND	0.00052	EPA 8260D	10-3-23	10-3-23	
1,3-Dichloropropane	ND	0.00052	EPA 8260D	10-3-23	10-3-23	
2-Hexanone	ND	0.0010	EPA 8260D	10-3-23	10-3-23	
Dibromochloromethane	ND	0.00052	EPA 8260D	10-3-23	10-3-23	
1,2-Dibromoethane	ND	0.00052	EPA 8260D	10-3-23	10-3-23	
Chlorobenzene	ND	0.00052	EPA 8260D	10-3-23	10-3-23	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260D	10-3-23	10-3-23	
Ethylbenzene	ND	0.00052	EPA 8260D	10-3-23	10-3-23	
m,p-Xylene	ND	0.0010	EPA 8260D	10-3-23	10-3-23	
o-Xylene	ND	0.00052	EPA 8260D	10-3-23	10-3-23	
Styrene	ND	0.00052	EPA 8260D	10-3-23	10-3-23	
Bromoform	ND	0.0010	EPA 8260D	10-3-23	10-3-23	
Isopropylbenzene	ND	0.00052	EPA 8260D	10-3-23	10-3-23	
Bromobenzene	ND	0.00052	EPA 8260D	10-3-23	10-3-23	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260D	10-3-23	10-3-23	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260D	10-3-23	10-3-23	
n-Propylbenzene	ND	0.00052	EPA 8260D	10-3-23	10-3-23	
2-Chlorotoluene	ND	0.00052	EPA 8260D	10-3-23	10-3-23	
4-Chlorotoluene	ND	0.00052	EPA 8260D	10-3-23	10-3-23	
1,3,5-Trimethylbenzene	ND	0.00052	EPA 8260D	10-3-23	10-3-23	
tert-Butylbenzene	ND	0.00052	EPA 8260D	10-3-23	10-3-23	
1,2,4-Trimethylbenzene	ND	0.00052	EPA 8260D	10-3-23	10-3-23	
sec-Butylbenzene	ND	0.00052	EPA 8260D	10-3-23	10-3-23	
1,3-Dichlorobenzene	ND	0.00052	EPA 8260D	10-3-23	10-3-23	
p-Isopropyltoluene	ND	0.00052	EPA 8260D	10-3-23	10-3-23	
1,4-Dichlorobenzene	ND	0.00052	EPA 8260D	10-3-23	10-3-23	
1,2-Dichlorobenzene	ND	0.00052	EPA 8260D	10-3-23	10-3-23	
n-Butylbenzene	ND	0.00052	EPA 8260D	10-3-23	10-3-23	
1,2-Dibromo-3-chloropropane	ND	0.0052	EPA 8260D	10-3-23	10-3-23	
1,2,4-Trichlorobenzene	ND	0.00052	EPA 8260D	10-3-23	10-3-23	
Hexachlorobutadiene	ND	0.0010	EPA 8260D	10-3-23	10-3-23	
Naphthalene	ND	0.0021	EPA 8260D	10-3-23	10-3-23	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260D	10-3-23	10-3-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*90*	*75-130*				
Toluene-d8	*91*	*78-128*				
4-Bromofluorobenzene	*104*	*71-130*				

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Date of Report: October 3, 2023
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Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-04**					
Laboratory ID:	09-278-04					
Dichlorodifluoromethane	ND	0.00076	EPA 8260D	9-29-23	9-29-23	
Chloromethane	ND	0.00057	EPA 8260D	9-29-23	9-29-23	
Vinyl Chloride	ND	0.00057	EPA 8260D	9-29-23	9-29-23	
Bromomethane	ND	0.00057	EPA 8260D	9-29-23	9-29-23	
Chloroethane	ND	0.0011	EPA 8260D	9-29-23	9-29-23	
Trichlorofluoromethane	ND	0.00057	EPA 8260D	9-29-23	9-29-23	
1,1-Dichloroethene	ND	0.00057	EPA 8260D	9-29-23	9-29-23	
Acetone	ND	0.0057	EPA 8260D	9-29-23	9-29-23	
Iodomethane	ND	0.0057	EPA 8260D	9-29-23	9-29-23	
Carbon Disulfide	ND	0.0011	EPA 8260D	9-29-23	9-29-23	
Methylene Chloride	ND	0.0057	EPA 8260D	9-29-23	9-29-23	
(trans) 1,2-Dichloroethene	ND	0.00057	EPA 8260D	9-29-23	9-29-23	
Methyl t-Butyl Ether	ND	0.00057	EPA 8260D	9-29-23	9-29-23	
1,1-Dichloroethane	ND	0.00057	EPA 8260D	9-29-23	9-29-23	
Vinyl Acetate	ND	0.00057	EPA 8260D	9-29-23	9-29-23	
2,2-Dichloropropane	ND	0.00057	EPA 8260D	9-29-23	9-29-23	
(cis) 1,2-Dichloroethene	ND	0.00057	EPA 8260D	9-29-23	9-29-23	
2-Butanone	ND	0.0057	EPA 8260D	9-29-23	9-29-23	
Bromochloromethane	ND	0.0011	EPA 8260D	9-29-23	9-29-23	
Chloroform	ND	0.0011	EPA 8260D	9-29-23	9-29-23	
1,1,1-Trichloroethane	ND	0.00057	EPA 8260D	9-29-23	9-29-23	
Carbon Tetrachloride	ND	0.00057	EPA 8260D	9-29-23	9-29-23	
1,1-Dichloropropene	ND	0.00057	EPA 8260D	9-29-23	9-29-23	
Benzene	ND	0.00057	EPA 8260D	9-29-23	9-29-23	
1,2-Dichloroethane	ND	0.00057	EPA 8260D	9-29-23	9-29-23	
Trichloroethene	ND	0.00057	EPA 8260D	9-29-23	9-29-23	
1,2-Dichloropropane	ND	0.0011	EPA 8260D	9-29-23	9-29-23	
Dibromomethane	ND	0.0011	EPA 8260D	9-29-23	9-29-23	
Bromodichloromethane	ND	0.00057	EPA 8260D	9-29-23	9-29-23	
2-Chloroethyl Vinyl Ether	ND	0.0057	EPA 8260D	9-29-23	9-29-23	
(cis) 1,3-Dichloropropene	ND	0.00057	EPA 8260D	9-29-23	9-29-23	
Methyl Isobutyl Ketone	ND	0.0011	EPA 8260D	9-29-23	9-29-23	
Toluene	ND	0.0011	EPA 8260D	9-29-23	9-29-23	

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Project: Jorgenson Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-04**					
Laboratory ID:	09-278-04					
(trans) 1,3-Dichloropropene	ND	0.00057	EPA 8260D	9-29-23	9-29-23	
1,1,2-Trichloroethane	ND	0.00057	EPA 8260D	9-29-23	9-29-23	
Tetrachloroethene	ND	0.00057	EPA 8260D	9-29-23	9-29-23	
1,3-Dichloropropane	ND	0.00057	EPA 8260D	9-29-23	9-29-23	
2-Hexanone	ND	0.0011	EPA 8260D	9-29-23	9-29-23	
Dibromochloromethane	ND	0.00057	EPA 8260D	9-29-23	9-29-23	
1,2-Dibromoethane	ND	0.00057	EPA 8260D	9-29-23	9-29-23	
Chlorobenzene	ND	0.00057	EPA 8260D	9-29-23	9-29-23	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260D	9-29-23	9-29-23	
Ethylbenzene	ND	0.00057	EPA 8260D	9-29-23	9-29-23	
m,p-Xylene	ND	0.0011	EPA 8260D	9-29-23	9-29-23	
o-Xylene	ND	0.00057	EPA 8260D	9-29-23	9-29-23	
Styrene	ND	0.00057	EPA 8260D	9-29-23	9-29-23	
Bromoform	ND	0.0011	EPA 8260D	9-29-23	9-29-23	
Isopropylbenzene	ND	0.00057	EPA 8260D	9-29-23	9-29-23	
Bromobenzene	ND	0.00057	EPA 8260D	9-29-23	9-29-23	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260D	9-29-23	9-29-23	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260D	9-29-23	9-29-23	
n-Propylbenzene	ND	0.00057	EPA 8260D	9-29-23	9-29-23	
2-Chlorotoluene	ND	0.00057	EPA 8260D	9-29-23	9-29-23	
4-Chlorotoluene	ND	0.00057	EPA 8260D	9-29-23	9-29-23	
1,3,5-Trimethylbenzene	ND	0.00057	EPA 8260D	9-29-23	9-29-23	
tert-Butylbenzene	ND	0.00057	EPA 8260D	9-29-23	9-29-23	
1,2,4-Trimethylbenzene	ND	0.00057	EPA 8260D	9-29-23	9-29-23	
sec-Butylbenzene	ND	0.00057	EPA 8260D	9-29-23	9-29-23	
1,3-Dichlorobenzene	ND	0.00057	EPA 8260D	9-29-23	9-29-23	
p-Isopropyltoluene	ND	0.00057	EPA 8260D	9-29-23	9-29-23	
1,4-Dichlorobenzene	ND	0.00057	EPA 8260D	9-29-23	9-29-23	
1,2-Dichlorobenzene	ND	0.00057	EPA 8260D	9-29-23	9-29-23	
n-Butylbenzene	ND	0.00057	EPA 8260D	9-29-23	9-29-23	
1,2-Dibromo-3-chloropropane	ND	0.0057	EPA 8260D	9-29-23	9-29-23	
1,2,4-Trichlorobenzene	ND	0.00057	EPA 8260D	9-29-23	9-29-23	
Hexachlorobutadiene	ND	0.0011	EPA 8260D	9-29-23	9-29-23	
Naphthalene	ND	0.0023	EPA 8260D	9-29-23	9-29-23	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260D	9-29-23	9-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*108*	*75-130*				
Toluene-d8	*95*	*78-128*				
4-Bromofluorobenzene	*100*	*71-130*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-05**					
Laboratory ID:	09-278-05					
Dichlorodifluoromethane	ND	0.00087	EPA 8260D	9-29-23	9-29-23	
Chloromethane	ND	0.00065	EPA 8260D	9-29-23	9-29-23	
Vinyl Chloride	ND	0.00065	EPA 8260D	9-29-23	9-29-23	
Bromomethane	ND	0.00065	EPA 8260D	9-29-23	9-29-23	
Chloroethane	ND	0.0013	EPA 8260D	9-29-23	9-29-23	
Trichlorofluoromethane	ND	0.00065	EPA 8260D	9-29-23	9-29-23	
1,1-Dichloroethene	ND	0.00065	EPA 8260D	9-29-23	9-29-23	
Acetone	ND	0.0065	EPA 8260D	9-29-23	9-29-23	
Iodomethane	ND	0.0065	EPA 8260D	9-29-23	9-29-23	
Carbon Disulfide	ND	0.0013	EPA 8260D	9-29-23	9-29-23	
Methylene Chloride	ND	0.0065	EPA 8260D	9-29-23	9-29-23	
(trans) 1,2-Dichloroethene	ND	0.00065	EPA 8260D	9-29-23	9-29-23	
Methyl t-Butyl Ether	ND	0.00065	EPA 8260D	9-29-23	9-29-23	
1,1-Dichloroethane	ND	0.00065	EPA 8260D	9-29-23	9-29-23	
Vinyl Acetate	ND	0.00065	EPA 8260D	9-29-23	9-29-23	
2,2-Dichloropropane	ND	0.00065	EPA 8260D	9-29-23	9-29-23	
(cis) 1,2-Dichloroethene	ND	0.00065	EPA 8260D	9-29-23	9-29-23	
2-Butanone	ND	0.0065	EPA 8260D	9-29-23	9-29-23	
Bromochloromethane	ND	0.0013	EPA 8260D	9-29-23	9-29-23	
Chloroform	ND	0.0013	EPA 8260D	9-29-23	9-29-23	
1,1,1-Trichloroethane	ND	0.00065	EPA 8260D	9-29-23	9-29-23	
Carbon Tetrachloride	ND	0.00065	EPA 8260D	9-29-23	9-29-23	
1,1-Dichloropropene	ND	0.00065	EPA 8260D	9-29-23	9-29-23	
Benzene	ND	0.00065	EPA 8260D	9-29-23	9-29-23	
1,2-Dichloroethane	ND	0.00065	EPA 8260D	9-29-23	9-29-23	
Trichloroethene	ND	0.00065	EPA 8260D	9-29-23	9-29-23	
1,2-Dichloropropane	ND	0.0013	EPA 8260D	9-29-23	9-29-23	
Dibromomethane	ND	0.0013	EPA 8260D	9-29-23	9-29-23	
Bromodichloromethane	ND	0.00065	EPA 8260D	9-29-23	9-29-23	
2-Chloroethyl Vinyl Ether	ND	0.0065	EPA 8260D	9-29-23	9-29-23	
(cis) 1,3-Dichloropropene	ND	0.00065	EPA 8260D	9-29-23	9-29-23	
Methyl Isobutyl Ketone	ND	0.0013	EPA 8260D	9-29-23	9-29-23	
Toluene	ND	0.0013	EPA 8260D	9-29-23	9-29-23	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-05**					
Laboratory ID:	09-278-05					
(trans) 1,3-Dichloropropene	ND	0.00065	EPA 8260D	9-29-23	9-29-23	
1,1,2-Trichloroethane	ND	0.00065	EPA 8260D	9-29-23	9-29-23	
Tetrachloroethene	ND	0.00065	EPA 8260D	9-29-23	9-29-23	
1,3-Dichloropropane	ND	0.00065	EPA 8260D	9-29-23	9-29-23	
2-Hexanone	ND	0.0013	EPA 8260D	9-29-23	9-29-23	
Dibromochloromethane	ND	0.00065	EPA 8260D	9-29-23	9-29-23	
1,2-Dibromoethane	ND	0.00065	EPA 8260D	9-29-23	9-29-23	
Chlorobenzene	ND	0.00065	EPA 8260D	9-29-23	9-29-23	
1,1,1,2-Tetrachloroethane	ND	0.0013	EPA 8260D	9-29-23	9-29-23	
Ethylbenzene	ND	0.00065	EPA 8260D	9-29-23	9-29-23	
m,p-Xylene	ND	0.0013	EPA 8260D	9-29-23	9-29-23	
o-Xylene	ND	0.00065	EPA 8260D	9-29-23	9-29-23	
Styrene	ND	0.00065	EPA 8260D	9-29-23	9-29-23	
Bromoform	ND	0.0013	EPA 8260D	9-29-23	9-29-23	
Isopropylbenzene	ND	0.00065	EPA 8260D	9-29-23	9-29-23	
Bromobenzene	ND	0.00065	EPA 8260D	9-29-23	9-29-23	
1,1,2,2-Tetrachloroethane	ND	0.0013	EPA 8260D	9-29-23	9-29-23	
1,2,3-Trichloropropane	ND	0.0013	EPA 8260D	9-29-23	9-29-23	
n-Propylbenzene	ND	0.00065	EPA 8260D	9-29-23	9-29-23	
2-Chlorotoluene	ND	0.00065	EPA 8260D	9-29-23	9-29-23	
4-Chlorotoluene	ND	0.00065	EPA 8260D	9-29-23	9-29-23	
1,3,5-Trimethylbenzene	ND	0.00065	EPA 8260D	9-29-23	9-29-23	
tert-Butylbenzene	ND	0.00065	EPA 8260D	9-29-23	9-29-23	
1,2,4-Trimethylbenzene	ND	0.00065	EPA 8260D	9-29-23	9-29-23	
sec-Butylbenzene	ND	0.00065	EPA 8260D	9-29-23	9-29-23	
1,3-Dichlorobenzene	ND	0.00065	EPA 8260D	9-29-23	9-29-23	
p-Isopropyltoluene	ND	0.00065	EPA 8260D	9-29-23	9-29-23	
1,4-Dichlorobenzene	ND	0.00065	EPA 8260D	9-29-23	9-29-23	
1,2-Dichlorobenzene	ND	0.00065	EPA 8260D	9-29-23	9-29-23	
n-Butylbenzene	ND	0.00065	EPA 8260D	9-29-23	9-29-23	
1,2-Dibromo-3-chloropropane	ND	0.0065	EPA 8260D	9-29-23	9-29-23	
1,2,4-Trichlorobenzene	ND	0.00065	EPA 8260D	9-29-23	9-29-23	
Hexachlorobutadiene	ND	0.0013	EPA 8260D	9-29-23	9-29-23	
Naphthalene	ND	0.0026	EPA 8260D	9-29-23	9-29-23	
1,2,3-Trichlorobenzene	ND	0.0013	EPA 8260D	9-29-23	9-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*109*	*75-130*				
Toluene-d8	*94*	*78-128*				
4-Bromofluorobenzene	*98*	*71-130*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-06**					
Laboratory ID:	09-278-06					
Dichlorodifluoromethane	ND	0.00069	EPA 8260D	9-29-23	9-29-23	
Chloromethane	ND	0.00051	EPA 8260D	9-29-23	9-29-23	
Vinyl Chloride	ND	0.00051	EPA 8260D	9-29-23	9-29-23	
Bromomethane	ND	0.00051	EPA 8260D	9-29-23	9-29-23	
Chloroethane	ND	0.0010	EPA 8260D	9-29-23	9-29-23	
Trichlorofluoromethane	ND	0.00051	EPA 8260D	9-29-23	9-29-23	
1,1-Dichloroethene	ND	0.00051	EPA 8260D	9-29-23	9-29-23	
Acetone	ND	0.0051	EPA 8260D	9-29-23	9-29-23	
Iodomethane	ND	0.0051	EPA 8260D	9-29-23	9-29-23	
Carbon Disulfide	ND	0.0010	EPA 8260D	9-29-23	9-29-23	
Methylene Chloride	ND	0.0051	EPA 8260D	9-29-23	9-29-23	
(trans) 1,2-Dichloroethene	ND	0.00051	EPA 8260D	9-29-23	9-29-23	
Methyl t-Butyl Ether	ND	0.00051	EPA 8260D	9-29-23	9-29-23	
1,1-Dichloroethane	ND	0.00051	EPA 8260D	9-29-23	9-29-23	
Vinyl Acetate	ND	0.00051	EPA 8260D	9-29-23	9-29-23	
2,2-Dichloropropane	ND	0.00051	EPA 8260D	9-29-23	9-29-23	
(cis) 1,2-Dichloroethene	ND	0.00051	EPA 8260D	9-29-23	9-29-23	
2-Butanone	ND	0.0051	EPA 8260D	9-29-23	9-29-23	
Bromochloromethane	ND	0.0010	EPA 8260D	9-29-23	9-29-23	
Chloroform	ND	0.0010	EPA 8260D	9-29-23	9-29-23	
1,1,1-Trichloroethane	ND	0.00051	EPA 8260D	9-29-23	9-29-23	
Carbon Tetrachloride	ND	0.00051	EPA 8260D	9-29-23	9-29-23	
1,1-Dichloropropene	ND	0.00051	EPA 8260D	9-29-23	9-29-23	
Benzene	ND	0.00051	EPA 8260D	9-29-23	9-29-23	
1,2-Dichloroethane	ND	0.00051	EPA 8260D	9-29-23	9-29-23	
Trichloroethene	ND	0.00051	EPA 8260D	9-29-23	9-29-23	
1,2-Dichloropropane	ND	0.0010	EPA 8260D	9-29-23	9-29-23	
Dibromomethane	ND	0.0010	EPA 8260D	9-29-23	9-29-23	
Bromodichloromethane	ND	0.00051	EPA 8260D	9-29-23	9-29-23	
2-Chloroethyl Vinyl Ether	ND	0.0051	EPA 8260D	9-29-23	9-29-23	
(cis) 1,3-Dichloropropene	ND	0.00051	EPA 8260D	9-29-23	9-29-23	
Methyl Isobutyl Ketone	ND	0.0010	EPA 8260D	9-29-23	9-29-23	
Toluene	ND	0.0010	EPA 8260D	9-29-23	9-29-23	

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Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-06**					
Laboratory ID:	09-278-06					
(trans) 1,3-Dichloropropene	ND	0.00051	EPA 8260D	9-29-23	9-29-23	
1,1,2-Trichloroethane	ND	0.00051	EPA 8260D	9-29-23	9-29-23	
Tetrachloroethene	ND	0.00051	EPA 8260D	9-29-23	9-29-23	
1,3-Dichloropropane	ND	0.00051	EPA 8260D	9-29-23	9-29-23	
2-Hexanone	ND	0.0010	EPA 8260D	9-29-23	9-29-23	
Dibromochloromethane	ND	0.00051	EPA 8260D	9-29-23	9-29-23	
1,2-Dibromoethane	ND	0.00051	EPA 8260D	9-29-23	9-29-23	
Chlorobenzene	ND	0.00051	EPA 8260D	9-29-23	9-29-23	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260D	9-29-23	9-29-23	
Ethylbenzene	ND	0.00051	EPA 8260D	9-29-23	9-29-23	
m,p-Xylene	ND	0.0010	EPA 8260D	9-29-23	9-29-23	
o-Xylene	ND	0.00051	EPA 8260D	9-29-23	9-29-23	
Styrene	ND	0.00051	EPA 8260D	9-29-23	9-29-23	
Bromoform	ND	0.0010	EPA 8260D	9-29-23	9-29-23	
Isopropylbenzene	ND	0.00051	EPA 8260D	9-29-23	9-29-23	
Bromobenzene	ND	0.00051	EPA 8260D	9-29-23	9-29-23	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260D	9-29-23	9-29-23	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260D	9-29-23	9-29-23	
n-Propylbenzene	ND	0.00051	EPA 8260D	9-29-23	9-29-23	
2-Chlorotoluene	ND	0.00051	EPA 8260D	9-29-23	9-29-23	
4-Chlorotoluene	ND	0.00051	EPA 8260D	9-29-23	9-29-23	
1,3,5-Trimethylbenzene	ND	0.00051	EPA 8260D	9-29-23	9-29-23	
tert-Butylbenzene	ND	0.00051	EPA 8260D	9-29-23	9-29-23	
1,2,4-Trimethylbenzene	ND	0.00051	EPA 8260D	9-29-23	9-29-23	
sec-Butylbenzene	ND	0.00051	EPA 8260D	9-29-23	9-29-23	
1,3-Dichlorobenzene	ND	0.00051	EPA 8260D	9-29-23	9-29-23	
p-Isopropyltoluene	ND	0.00051	EPA 8260D	9-29-23	9-29-23	
1,4-Dichlorobenzene	ND	0.00051	EPA 8260D	9-29-23	9-29-23	
1,2-Dichlorobenzene	ND	0.00051	EPA 8260D	9-29-23	9-29-23	
n-Butylbenzene	ND	0.00051	EPA 8260D	9-29-23	9-29-23	
1,2-Dibromo-3-chloropropane	ND	0.0051	EPA 8260D	9-29-23	9-29-23	
1,2,4-Trichlorobenzene	ND	0.00051	EPA 8260D	9-29-23	9-29-23	
Hexachlorobutadiene	ND	0.0010	EPA 8260D	9-29-23	9-29-23	
Naphthalene	ND	0.0021	EPA 8260D	9-29-23	9-29-23	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260D	9-29-23	9-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*107*	*75-130*				
Toluene-d8	*94*	*78-128*				
4-Bromofluorobenzene	*102*	*71-130*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-07**					
Laboratory ID:	09-278-07					
Dichlorodifluoromethane	ND	0.00079	EPA 8260D	9-29-23	9-29-23	
Chloromethane	ND	0.00059	EPA 8260D	9-29-23	9-29-23	
Vinyl Chloride	ND	0.00059	EPA 8260D	9-29-23	9-29-23	
Bromomethane	ND	0.00059	EPA 8260D	9-29-23	9-29-23	
Chloroethane	ND	0.0012	EPA 8260D	9-29-23	9-29-23	
Trichlorofluoromethane	ND	0.00059	EPA 8260D	9-29-23	9-29-23	
1,1-Dichloroethene	ND	0.00059	EPA 8260D	9-29-23	9-29-23	
Acetone	ND	0.0059	EPA 8260D	9-29-23	9-29-23	
Iodomethane	ND	0.0059	EPA 8260D	9-29-23	9-29-23	
Carbon Disulfide	ND	0.0012	EPA 8260D	9-29-23	9-29-23	
Methylene Chloride	ND	0.0059	EPA 8260D	9-29-23	9-29-23	
(trans) 1,2-Dichloroethene	ND	0.00059	EPA 8260D	9-29-23	9-29-23	
Methyl t-Butyl Ether	ND	0.00059	EPA 8260D	9-29-23	9-29-23	
1,1-Dichloroethane	ND	0.00059	EPA 8260D	9-29-23	9-29-23	
Vinyl Acetate	ND	0.00059	EPA 8260D	9-29-23	9-29-23	
2,2-Dichloropropane	ND	0.00059	EPA 8260D	9-29-23	9-29-23	
(cis) 1,2-Dichloroethene	ND	0.00059	EPA 8260D	9-29-23	9-29-23	
2-Butanone	ND	0.0059	EPA 8260D	9-29-23	9-29-23	
Bromochloromethane	ND	0.0012	EPA 8260D	9-29-23	9-29-23	
Chloroform	ND	0.0012	EPA 8260D	9-29-23	9-29-23	
1,1,1-Trichloroethane	ND	0.00059	EPA 8260D	9-29-23	9-29-23	
Carbon Tetrachloride	ND	0.00059	EPA 8260D	9-29-23	9-29-23	
1,1-Dichloropropene	ND	0.00059	EPA 8260D	9-29-23	9-29-23	
Benzene	ND	0.00059	EPA 8260D	9-29-23	9-29-23	
1,2-Dichloroethane	ND	0.00059	EPA 8260D	9-29-23	9-29-23	
Trichloroethene	ND	0.00059	EPA 8260D	9-29-23	9-29-23	
1,2-Dichloropropane	ND	0.0012	EPA 8260D	9-29-23	9-29-23	
Dibromomethane	ND	0.0012	EPA 8260D	9-29-23	9-29-23	
Bromodichloromethane	ND	0.00059	EPA 8260D	9-29-23	9-29-23	
2-Chloroethyl Vinyl Ether	ND	0.0059	EPA 8260D	9-29-23	9-29-23	
(cis) 1,3-Dichloropropene	ND	0.00059	EPA 8260D	9-29-23	9-29-23	
Methyl Isobutyl Ketone	ND	0.0012	EPA 8260D	9-29-23	9-29-23	
Toluene	ND	0.0012	EPA 8260D	9-29-23	9-29-23	

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Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-07**					
Laboratory ID:	09-278-07					
(trans) 1,3-Dichloropropene	ND	0.00059	EPA 8260D	9-29-23	9-29-23	
1,1,2-Trichloroethane	ND	0.00059	EPA 8260D	9-29-23	9-29-23	
Tetrachloroethene	ND	0.00059	EPA 8260D	9-29-23	9-29-23	
1,3-Dichloropropane	ND	0.00059	EPA 8260D	9-29-23	9-29-23	
2-Hexanone	ND	0.0012	EPA 8260D	9-29-23	9-29-23	
Dibromochloromethane	ND	0.00059	EPA 8260D	9-29-23	9-29-23	
1,2-Dibromoethane	ND	0.00059	EPA 8260D	9-29-23	9-29-23	
Chlorobenzene	ND	0.00059	EPA 8260D	9-29-23	9-29-23	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260D	9-29-23	9-29-23	
Ethylbenzene	ND	0.00059	EPA 8260D	9-29-23	9-29-23	
m,p-Xylene	ND	0.0012	EPA 8260D	9-29-23	9-29-23	
o-Xylene	ND	0.00059	EPA 8260D	9-29-23	9-29-23	
Styrene	ND	0.00059	EPA 8260D	9-29-23	9-29-23	
Bromoform	ND	0.0012	EPA 8260D	9-29-23	9-29-23	
Isopropylbenzene	ND	0.00059	EPA 8260D	9-29-23	9-29-23	
Bromobenzene	ND	0.00059	EPA 8260D	9-29-23	9-29-23	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260D	9-29-23	9-29-23	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260D	9-29-23	9-29-23	
n-Propylbenzene	ND	0.00059	EPA 8260D	9-29-23	9-29-23	
2-Chlorotoluene	ND	0.00059	EPA 8260D	9-29-23	9-29-23	
4-Chlorotoluene	ND	0.00059	EPA 8260D	9-29-23	9-29-23	
1,3,5-Trimethylbenzene	ND	0.00059	EPA 8260D	9-29-23	9-29-23	
tert-Butylbenzene	ND	0.00059	EPA 8260D	9-29-23	9-29-23	
1,2,4-Trimethylbenzene	ND	0.00059	EPA 8260D	9-29-23	9-29-23	
sec-Butylbenzene	ND	0.00059	EPA 8260D	9-29-23	9-29-23	
1,3-Dichlorobenzene	ND	0.00059	EPA 8260D	9-29-23	9-29-23	
p-Isopropyltoluene	ND	0.00059	EPA 8260D	9-29-23	9-29-23	
1,4-Dichlorobenzene	ND	0.00059	EPA 8260D	9-29-23	9-29-23	
1,2-Dichlorobenzene	ND	0.00059	EPA 8260D	9-29-23	9-29-23	
n-Butylbenzene	ND	0.00059	EPA 8260D	9-29-23	9-29-23	
1,2-Dibromo-3-chloropropane	ND	0.0059	EPA 8260D	9-29-23	9-29-23	
1,2,4-Trichlorobenzene	ND	0.00059	EPA 8260D	9-29-23	9-29-23	
Hexachlorobutadiene	ND	0.0012	EPA 8260D	9-29-23	9-29-23	
Naphthalene	ND	0.0024	EPA 8260D	9-29-23	9-29-23	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260D	9-29-23	9-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*109*	*75-130*				
Toluene-d8	*93*	*78-128*				
4-Bromofluorobenzene	*100*	*71-130*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-08**					
Laboratory ID:	09-278-08					
Dichlorodifluoromethane	ND	0.00092	EPA 8260D	9-29-23	9-29-23	
Chloromethane	ND	0.00069	EPA 8260D	9-29-23	9-29-23	
Vinyl Chloride	ND	0.00069	EPA 8260D	9-29-23	9-29-23	
Bromomethane	ND	0.00069	EPA 8260D	9-29-23	9-29-23	
Chloroethane	ND	0.0014	EPA 8260D	9-29-23	9-29-23	
Trichlorofluoromethane	ND	0.00069	EPA 8260D	9-29-23	9-29-23	
1,1-Dichloroethene	ND	0.00069	EPA 8260D	9-29-23	9-29-23	
Acetone	ND	0.0069	EPA 8260D	9-29-23	9-29-23	
Iodomethane	ND	0.0069	EPA 8260D	9-29-23	9-29-23	
Carbon Disulfide	ND	0.0014	EPA 8260D	9-29-23	9-29-23	
Methylene Chloride	ND	0.0069	EPA 8260D	9-29-23	9-29-23	
(trans) 1,2-Dichloroethene	ND	0.00069	EPA 8260D	9-29-23	9-29-23	
Methyl t-Butyl Ether	ND	0.00069	EPA 8260D	9-29-23	9-29-23	
1,1-Dichloroethane	ND	0.00069	EPA 8260D	9-29-23	9-29-23	
Vinyl Acetate	ND	0.00069	EPA 8260D	9-29-23	9-29-23	
2,2-Dichloropropane	ND	0.00069	EPA 8260D	9-29-23	9-29-23	
(cis) 1,2-Dichloroethene	ND	0.00069	EPA 8260D	9-29-23	9-29-23	
2-Butanone	ND	0.0069	EPA 8260D	9-29-23	9-29-23	
Bromochloromethane	ND	0.0014	EPA 8260D	9-29-23	9-29-23	
Chloroform	ND	0.0014	EPA 8260D	9-29-23	9-29-23	
1,1,1-Trichloroethane	ND	0.00069	EPA 8260D	9-29-23	9-29-23	
Carbon Tetrachloride	ND	0.00069	EPA 8260D	9-29-23	9-29-23	
1,1-Dichloropropene	ND	0.00069	EPA 8260D	9-29-23	9-29-23	
Benzene	ND	0.00069	EPA 8260D	9-29-23	9-29-23	
1,2-Dichloroethane	ND	0.00069	EPA 8260D	9-29-23	9-29-23	
Trichloroethene	ND	0.00069	EPA 8260D	9-29-23	9-29-23	
1,2-Dichloropropane	ND	0.0014	EPA 8260D	9-29-23	9-29-23	
Dibromomethane	ND	0.0014	EPA 8260D	9-29-23	9-29-23	
Bromodichloromethane	ND	0.00069	EPA 8260D	9-29-23	9-29-23	
2-Chloroethyl Vinyl Ether	ND	0.0069	EPA 8260D	9-29-23	9-29-23	
(cis) 1,3-Dichloropropene	ND	0.00069	EPA 8260D	9-29-23	9-29-23	
Methyl Isobutyl Ketone	ND	0.0014	EPA 8260D	9-29-23	9-29-23	
Toluene	ND	0.0014	EPA 8260D	9-29-23	9-29-23	

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Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-08**					
Laboratory ID:	09-278-08					
(trans) 1,3-Dichloropropene	ND	0.00069	EPA 8260D	9-29-23	9-29-23	
1,1,2-Trichloroethane	ND	0.00069	EPA 8260D	9-29-23	9-29-23	
Tetrachloroethene	ND	0.00069	EPA 8260D	9-29-23	9-29-23	
1,3-Dichloropropane	ND	0.00069	EPA 8260D	9-29-23	9-29-23	
2-Hexanone	ND	0.0014	EPA 8260D	9-29-23	9-29-23	
Dibromochloromethane	ND	0.00069	EPA 8260D	9-29-23	9-29-23	
1,2-Dibromoethane	ND	0.00069	EPA 8260D	9-29-23	9-29-23	
Chlorobenzene	ND	0.00069	EPA 8260D	9-29-23	9-29-23	
1,1,1,2-Tetrachloroethane	ND	0.0014	EPA 8260D	9-29-23	9-29-23	
Ethylbenzene	ND	0.00069	EPA 8260D	9-29-23	9-29-23	
m,p-Xylene	ND	0.0014	EPA 8260D	9-29-23	9-29-23	
o-Xylene	ND	0.00069	EPA 8260D	9-29-23	9-29-23	
Styrene	ND	0.00069	EPA 8260D	9-29-23	9-29-23	
Bromoform	ND	0.0014	EPA 8260D	9-29-23	9-29-23	
Isopropylbenzene	ND	0.00069	EPA 8260D	9-29-23	9-29-23	
Bromobenzene	ND	0.00069	EPA 8260D	9-29-23	9-29-23	
1,1,2,2-Tetrachloroethane	ND	0.0014	EPA 8260D	9-29-23	9-29-23	
1,2,3-Trichloropropane	ND	0.0014	EPA 8260D	9-29-23	9-29-23	
n-Propylbenzene	ND	0.00069	EPA 8260D	9-29-23	9-29-23	
2-Chlorotoluene	ND	0.00069	EPA 8260D	9-29-23	9-29-23	
4-Chlorotoluene	ND	0.00069	EPA 8260D	9-29-23	9-29-23	
1,3,5-Trimethylbenzene	ND	0.00069	EPA 8260D	9-29-23	9-29-23	
tert-Butylbenzene	ND	0.00069	EPA 8260D	9-29-23	9-29-23	
1,2,4-Trimethylbenzene	ND	0.00069	EPA 8260D	9-29-23	9-29-23	
sec-Butylbenzene	ND	0.00069	EPA 8260D	9-29-23	9-29-23	
1,3-Dichlorobenzene	ND	0.00069	EPA 8260D	9-29-23	9-29-23	
p-Isopropyltoluene	ND	0.00069	EPA 8260D	9-29-23	9-29-23	
1,4-Dichlorobenzene	ND	0.00069	EPA 8260D	9-29-23	9-29-23	
1,2-Dichlorobenzene	ND	0.00069	EPA 8260D	9-29-23	9-29-23	
n-Butylbenzene	ND	0.00069	EPA 8260D	9-29-23	9-29-23	
1,2-Dibromo-3-chloropropane	ND	0.0069	EPA 8260D	9-29-23	9-29-23	
1,2,4-Trichlorobenzene	ND	0.00069	EPA 8260D	9-29-23	9-29-23	
Hexachlorobutadiene	ND	0.0014	EPA 8260D	9-29-23	9-29-23	
Naphthalene	ND	0.0028	EPA 8260D	9-29-23	9-29-23	
1,2,3-Trichlorobenzene	ND	0.0014	EPA 8260D	9-29-23	9-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*107*	*75-130*				
Toluene-d8	*95*	*78-128*				
4-Bromofluorobenzene	*98*	*71-130*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-09**					
Laboratory ID:	09-278-09					
Dichlorodifluoromethane	ND	0.00054	EPA 8260D	10-3-23	10-3-23	
Chloromethane	ND	0.00054	EPA 8260D	10-3-23	10-3-23	
Vinyl Chloride	ND	0.00054	EPA 8260D	10-3-23	10-3-23	
Bromomethane	ND	0.00054	EPA 8260D	10-3-23	10-3-23	
Chloroethane	ND	0.0011	EPA 8260D	10-3-23	10-3-23	
Trichlorofluoromethane	ND	0.00054	EPA 8260D	10-3-23	10-3-23	
1,1-Dichloroethene	ND	0.00054	EPA 8260D	10-3-23	10-3-23	
Acetone	ND	0.0054	EPA 8260D	10-3-23	10-3-23	
Iodomethane	ND	0.0070	EPA 8260D	10-3-23	10-3-23	
Carbon Disulfide	ND	0.0011	EPA 8260D	10-3-23	10-3-23	
Methylene Chloride	ND	0.0054	EPA 8260D	10-3-23	10-3-23	
(trans) 1,2-Dichloroethene	ND	0.00054	EPA 8260D	10-3-23	10-3-23	
Methyl t-Butyl Ether	ND	0.00054	EPA 8260D	10-3-23	10-3-23	
1,1-Dichloroethane	ND	0.00054	EPA 8260D	10-3-23	10-3-23	
Vinyl Acetate	ND	0.00054	EPA 8260D	10-3-23	10-3-23	
2,2-Dichloropropane	ND	0.00054	EPA 8260D	10-3-23	10-3-23	
(cis) 1,2-Dichloroethene	ND	0.00054	EPA 8260D	10-3-23	10-3-23	
2-Butanone	ND	0.0054	EPA 8260D	10-3-23	10-3-23	
Bromochloromethane	ND	0.0011	EPA 8260D	10-3-23	10-3-23	
Chloroform	ND	0.0011	EPA 8260D	10-3-23	10-3-23	
1,1,1-Trichloroethane	ND	0.00054	EPA 8260D	10-3-23	10-3-23	
Carbon Tetrachloride	ND	0.00054	EPA 8260D	10-3-23	10-3-23	
1,1-Dichloropropene	ND	0.00054	EPA 8260D	10-3-23	10-3-23	
Benzene	ND	0.00054	EPA 8260D	10-3-23	10-3-23	
1,2-Dichloroethane	ND	0.00054	EPA 8260D	10-3-23	10-3-23	
Trichloroethene	ND	0.00054	EPA 8260D	10-3-23	10-3-23	
1,2-Dichloropropane	ND	0.0011	EPA 8260D	10-3-23	10-3-23	
Dibromomethane	ND	0.0011	EPA 8260D	10-3-23	10-3-23	
Bromodichloromethane	ND	0.00054	EPA 8260D	10-3-23	10-3-23	
2-Chloroethyl Vinyl Ether	ND	0.0054	EPA 8260D	10-3-23	10-3-23	
(cis) 1,3-Dichloropropene	ND	0.00054	EPA 8260D	10-3-23	10-3-23	
Methyl Isobutyl Ketone	ND	0.0011	EPA 8260D	10-3-23	10-3-23	
Toluene	ND	0.0011	EPA 8260D	10-3-23	10-3-23	

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Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-09**					
Laboratory ID:	09-278-09					
(trans) 1,3-Dichloropropene	ND	0.00054	EPA 8260D	10-3-23	10-3-23	
1,1,2-Trichloroethane	ND	0.00054	EPA 8260D	10-3-23	10-3-23	
Tetrachloroethene	ND	0.00054	EPA 8260D	10-3-23	10-3-23	
1,3-Dichloropropane	ND	0.00054	EPA 8260D	10-3-23	10-3-23	
2-Hexanone	ND	0.0011	EPA 8260D	10-3-23	10-3-23	
Dibromochloromethane	ND	0.00054	EPA 8260D	10-3-23	10-3-23	
1,2-Dibromoethane	ND	0.00054	EPA 8260D	10-3-23	10-3-23	
Chlorobenzene	ND	0.00054	EPA 8260D	10-3-23	10-3-23	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260D	10-3-23	10-3-23	
Ethylbenzene	ND	0.00054	EPA 8260D	10-3-23	10-3-23	
m,p-Xylene	ND	0.0011	EPA 8260D	10-3-23	10-3-23	
o-Xylene	ND	0.00054	EPA 8260D	10-3-23	10-3-23	
Styrene	ND	0.00054	EPA 8260D	10-3-23	10-3-23	
Bromoform	ND	0.0011	EPA 8260D	10-3-23	10-3-23	
Isopropylbenzene	ND	0.00054	EPA 8260D	10-3-23	10-3-23	
Bromobenzene	ND	0.00054	EPA 8260D	10-3-23	10-3-23	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260D	10-3-23	10-3-23	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260D	10-3-23	10-3-23	
n-Propylbenzene	ND	0.00054	EPA 8260D	10-3-23	10-3-23	
2-Chlorotoluene	ND	0.00054	EPA 8260D	10-3-23	10-3-23	
4-Chlorotoluene	ND	0.00054	EPA 8260D	10-3-23	10-3-23	
1,3,5-Trimethylbenzene	ND	0.00054	EPA 8260D	10-3-23	10-3-23	
tert-Butylbenzene	ND	0.00054	EPA 8260D	10-3-23	10-3-23	
1,2,4-Trimethylbenzene	ND	0.00054	EPA 8260D	10-3-23	10-3-23	
sec-Butylbenzene	ND	0.00054	EPA 8260D	10-3-23	10-3-23	
1,3-Dichlorobenzene	ND	0.00054	EPA 8260D	10-3-23	10-3-23	
p-Isopropyltoluene	ND	0.00054	EPA 8260D	10-3-23	10-3-23	
1,4-Dichlorobenzene	ND	0.00054	EPA 8260D	10-3-23	10-3-23	
1,2-Dichlorobenzene	ND	0.00054	EPA 8260D	10-3-23	10-3-23	
n-Butylbenzene	ND	0.00054	EPA 8260D	10-3-23	10-3-23	
1,2-Dibromo-3-chloropropane	ND	0.0054	EPA 8260D	10-3-23	10-3-23	
1,2,4-Trichlorobenzene	ND	0.00054	EPA 8260D	10-3-23	10-3-23	
Hexachlorobutadiene	ND	0.0011	EPA 8260D	10-3-23	10-3-23	
Naphthalene	ND	0.0021	EPA 8260D	10-3-23	10-3-23	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260D	10-3-23	10-3-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*95*	*75-130*				
Toluene-d8	*90*	*78-128*				
4-Bromofluorobenzene	*105*	*71-130*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-10**					
Laboratory ID:	09-278-10					
Dichlorodifluoromethane	ND	0.00066	EPA 8260D	9-29-23	9-29-23	
Chloromethane	ND	0.00049	EPA 8260D	9-29-23	9-29-23	
Vinyl Chloride	ND	0.00049	EPA 8260D	9-29-23	9-29-23	
Bromomethane	ND	0.00049	EPA 8260D	9-29-23	9-29-23	
Chloroethane	ND	0.00099	EPA 8260D	9-29-23	9-29-23	
Trichlorofluoromethane	ND	0.00049	EPA 8260D	9-29-23	9-29-23	
1,1-Dichloroethene	ND	0.00049	EPA 8260D	9-29-23	9-29-23	
Acetone	ND	0.0049	EPA 8260D	9-29-23	9-29-23	
Iodomethane	ND	0.0049	EPA 8260D	9-29-23	9-29-23	
Carbon Disulfide	ND	0.00099	EPA 8260D	9-29-23	9-29-23	
Methylene Chloride	ND	0.0049	EPA 8260D	9-29-23	9-29-23	
(trans) 1,2-Dichloroethene	ND	0.00049	EPA 8260D	9-29-23	9-29-23	
Methyl t-Butyl Ether	ND	0.00049	EPA 8260D	9-29-23	9-29-23	
1,1-Dichloroethane	ND	0.00049	EPA 8260D	9-29-23	9-29-23	
Vinyl Acetate	ND	0.00049	EPA 8260D	9-29-23	9-29-23	
2,2-Dichloropropane	ND	0.00049	EPA 8260D	9-29-23	9-29-23	
(cis) 1,2-Dichloroethene	ND	0.00049	EPA 8260D	9-29-23	9-29-23	
2-Butanone	ND	0.0049	EPA 8260D	9-29-23	9-29-23	
Bromochloromethane	ND	0.00099	EPA 8260D	9-29-23	9-29-23	
Chloroform	ND	0.00099	EPA 8260D	9-29-23	9-29-23	
1,1,1-Trichloroethane	ND	0.00049	EPA 8260D	9-29-23	9-29-23	
Carbon Tetrachloride	ND	0.00049	EPA 8260D	9-29-23	9-29-23	
1,1-Dichloropropene	ND	0.00049	EPA 8260D	9-29-23	9-29-23	
Benzene	ND	0.00049	EPA 8260D	9-29-23	9-29-23	
1,2-Dichloroethane	ND	0.00049	EPA 8260D	9-29-23	9-29-23	
Trichloroethene	ND	0.00049	EPA 8260D	9-29-23	9-29-23	
1,2-Dichloropropane	ND	0.00099	EPA 8260D	9-29-23	9-29-23	
Dibromomethane	ND	0.00099	EPA 8260D	9-29-23	9-29-23	
Bromodichloromethane	ND	0.00049	EPA 8260D	9-29-23	9-29-23	
2-Chloroethyl Vinyl Ether	ND	0.0049	EPA 8260D	9-29-23	9-29-23	
(cis) 1,3-Dichloropropene	ND	0.00049	EPA 8260D	9-29-23	9-29-23	
Methyl Isobutyl Ketone	ND	0.00099	EPA 8260D	9-29-23	9-29-23	
Toluene	ND	0.00099	EPA 8260D	9-29-23	9-29-23	

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Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-10**					
Laboratory ID:	09-278-10					
(trans) 1,3-Dichloropropene	ND	0.00049	EPA 8260D	9-29-23	9-29-23	
1,1,2-Trichloroethane	ND	0.00049	EPA 8260D	9-29-23	9-29-23	
Tetrachloroethene	ND	0.00049	EPA 8260D	9-29-23	9-29-23	
1,3-Dichloropropane	ND	0.00049	EPA 8260D	9-29-23	9-29-23	
2-Hexanone	ND	0.00099	EPA 8260D	9-29-23	9-29-23	
Dibromochloromethane	ND	0.00049	EPA 8260D	9-29-23	9-29-23	
1,2-Dibromoethane	ND	0.00049	EPA 8260D	9-29-23	9-29-23	
Chlorobenzene	ND	0.00049	EPA 8260D	9-29-23	9-29-23	
1,1,1,2-Tetrachloroethane	ND	0.00099	EPA 8260D	9-29-23	9-29-23	
Ethylbenzene	ND	0.00049	EPA 8260D	9-29-23	9-29-23	
m,p-Xylene	ND	0.00099	EPA 8260D	9-29-23	9-29-23	
o-Xylene	ND	0.00049	EPA 8260D	9-29-23	9-29-23	
Styrene	ND	0.00049	EPA 8260D	9-29-23	9-29-23	
Bromoform	ND	0.00099	EPA 8260D	9-29-23	9-29-23	
Isopropylbenzene	ND	0.00049	EPA 8260D	9-29-23	9-29-23	
Bromobenzene	ND	0.00049	EPA 8260D	9-29-23	9-29-23	
1,1,2,2-Tetrachloroethane	ND	0.00099	EPA 8260D	9-29-23	9-29-23	
1,2,3-Trichloropropane	ND	0.00099	EPA 8260D	9-29-23	9-29-23	
n-Propylbenzene	ND	0.00049	EPA 8260D	9-29-23	9-29-23	
2-Chlorotoluene	ND	0.00049	EPA 8260D	9-29-23	9-29-23	
4-Chlorotoluene	ND	0.00049	EPA 8260D	9-29-23	9-29-23	
1,3,5-Trimethylbenzene	ND	0.00049	EPA 8260D	9-29-23	9-29-23	
tert-Butylbenzene	ND	0.00049	EPA 8260D	9-29-23	9-29-23	
1,2,4-Trimethylbenzene	ND	0.00049	EPA 8260D	9-29-23	9-29-23	
sec-Butylbenzene	ND	0.00049	EPA 8260D	9-29-23	9-29-23	
1,3-Dichlorobenzene	ND	0.00049	EPA 8260D	9-29-23	9-29-23	
p-Isopropyltoluene	ND	0.00049	EPA 8260D	9-29-23	9-29-23	
1,4-Dichlorobenzene	ND	0.00049	EPA 8260D	9-29-23	9-29-23	
1,2-Dichlorobenzene	ND	0.00049	EPA 8260D	9-29-23	9-29-23	
n-Butylbenzene	ND	0.00049	EPA 8260D	9-29-23	9-29-23	
1,2-Dibromo-3-chloropropane	ND	0.0049	EPA 8260D	9-29-23	9-29-23	
1,2,4-Trichlorobenzene	ND	0.00049	EPA 8260D	9-29-23	9-29-23	
Hexachlorobutadiene	ND	0.00099	EPA 8260D	9-29-23	9-29-23	
Naphthalene	ND	0.0020	EPA 8260D	9-29-23	9-29-23	
1,2,3-Trichlorobenzene	ND	0.00099	EPA 8260D	9-29-23	9-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*108*	*75-130*				
Toluene-d8	*94*	*78-128*				
4-Bromofluorobenzene	*101*	*71-130*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0929S1					
Dichlorodifluoromethane	ND	0.00067	EPA 8260D	9-29-23	9-29-23	
Chloromethane	ND	0.00050	EPA 8260D	9-29-23	9-29-23	
Vinyl Chloride	ND	0.00050	EPA 8260D	9-29-23	9-29-23	
Bromomethane	ND	0.00050	EPA 8260D	9-29-23	9-29-23	
Chloroethane	ND	0.0010	EPA 8260D	9-29-23	9-29-23	
Trichlorofluoromethane	ND	0.00050	EPA 8260D	9-29-23	9-29-23	
1,1-Dichloroethene	ND	0.00050	EPA 8260D	9-29-23	9-29-23	
Acetone	ND	0.0050	EPA 8260D	9-29-23	9-29-23	
Iodomethane	ND	0.0050	EPA 8260D	9-29-23	9-29-23	
Carbon Disulfide	ND	0.0010	EPA 8260D	9-29-23	9-29-23	
Methylene Chloride	ND	0.0050	EPA 8260D	9-29-23	9-29-23	
(trans) 1,2-Dichloroethene	ND	0.00050	EPA 8260D	9-29-23	9-29-23	
Methyl t-Butyl Ether	ND	0.00050	EPA 8260D	9-29-23	9-29-23	
1,1-Dichloroethane	ND	0.00050	EPA 8260D	9-29-23	9-29-23	
Vinyl Acetate	ND	0.00050	EPA 8260D	9-29-23	9-29-23	
2,2-Dichloropropane	ND	0.00050	EPA 8260D	9-29-23	9-29-23	
(cis) 1,2-Dichloroethene	ND	0.00050	EPA 8260D	9-29-23	9-29-23	
2-Butanone	ND	0.0050	EPA 8260D	9-29-23	9-29-23	
Bromochloromethane	ND	0.0010	EPA 8260D	9-29-23	9-29-23	
Chloroform	ND	0.0010	EPA 8260D	9-29-23	9-29-23	
1,1,1-Trichloroethane	ND	0.00050	EPA 8260D	9-29-23	9-29-23	
Carbon Tetrachloride	ND	0.00050	EPA 8260D	9-29-23	9-29-23	
1,1-Dichloropropene	ND	0.00050	EPA 8260D	9-29-23	9-29-23	
Benzene	ND	0.00050	EPA 8260D	9-29-23	9-29-23	
1,2-Dichloroethane	ND	0.00050	EPA 8260D	9-29-23	9-29-23	
Trichloroethene	ND	0.00050	EPA 8260D	9-29-23	9-29-23	
1,2-Dichloropropane	ND	0.0010	EPA 8260D	9-29-23	9-29-23	
Dibromomethane	ND	0.0010	EPA 8260D	9-29-23	9-29-23	
Bromodichloromethane	ND	0.00050	EPA 8260D	9-29-23	9-29-23	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260D	9-29-23	9-29-23	
(cis) 1,3-Dichloropropene	ND	0.00050	EPA 8260D	9-29-23	9-29-23	
Methyl Isobutyl Ketone	ND	0.0010	EPA 8260D	9-29-23	9-29-23	
Toluene	ND	0.0010	EPA 8260D	9-29-23	9-29-23	

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Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0929S1					
(trans) 1,3-Dichloropropene	ND	0.00050	EPA 8260D	9-29-23	9-29-23	
1,1,2-Trichloroethane	ND	0.00050	EPA 8260D	9-29-23	9-29-23	
Tetrachloroethene	ND	0.00050	EPA 8260D	9-29-23	9-29-23	
1,3-Dichloropropane	ND	0.00050	EPA 8260D	9-29-23	9-29-23	
2-Hexanone	ND	0.0010	EPA 8260D	9-29-23	9-29-23	
Dibromochloromethane	ND	0.00050	EPA 8260D	9-29-23	9-29-23	
1,2-Dibromoethane	ND	0.00050	EPA 8260D	9-29-23	9-29-23	
Chlorobenzene	ND	0.00050	EPA 8260D	9-29-23	9-29-23	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260D	9-29-23	9-29-23	
Ethylbenzene	ND	0.00050	EPA 8260D	9-29-23	9-29-23	
m,p-Xylene	ND	0.0010	EPA 8260D	9-29-23	9-29-23	
o-Xylene	ND	0.00050	EPA 8260D	9-29-23	9-29-23	
Styrene	ND	0.00050	EPA 8260D	9-29-23	9-29-23	
Bromoform	ND	0.0010	EPA 8260D	9-29-23	9-29-23	
Isopropylbenzene	ND	0.00050	EPA 8260D	9-29-23	9-29-23	
Bromobenzene	ND	0.00050	EPA 8260D	9-29-23	9-29-23	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260D	9-29-23	9-29-23	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260D	9-29-23	9-29-23	
n-Propylbenzene	ND	0.00050	EPA 8260D	9-29-23	9-29-23	
2-Chlorotoluene	ND	0.00050	EPA 8260D	9-29-23	9-29-23	
4-Chlorotoluene	ND	0.00050	EPA 8260D	9-29-23	9-29-23	
1,3,5-Trimethylbenzene	ND	0.00050	EPA 8260D	9-29-23	9-29-23	
tert-Butylbenzene	ND	0.00050	EPA 8260D	9-29-23	9-29-23	
1,2,4-Trimethylbenzene	ND	0.00050	EPA 8260D	9-29-23	9-29-23	
sec-Butylbenzene	ND	0.00050	EPA 8260D	9-29-23	9-29-23	
1,3-Dichlorobenzene	ND	0.00050	EPA 8260D	9-29-23	9-29-23	
p-Isopropyltoluene	ND	0.00050	EPA 8260D	9-29-23	9-29-23	
1,4-Dichlorobenzene	ND	0.00050	EPA 8260D	9-29-23	9-29-23	
1,2-Dichlorobenzene	ND	0.00050	EPA 8260D	9-29-23	9-29-23	
n-Butylbenzene	ND	0.00050	EPA 8260D	9-29-23	9-29-23	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260D	9-29-23	9-29-23	
1,2,4-Trichlorobenzene	ND	0.00050	EPA 8260D	9-29-23	9-29-23	
Hexachlorobutadiene	ND	0.0010	EPA 8260D	9-29-23	9-29-23	
Naphthalene	ND	0.0020	EPA 8260D	9-29-23	9-29-23	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260D	9-29-23	9-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*108*	*75-130*				
Toluene-d8	*95*	*78-128*				
4-Bromofluorobenzene	*99*	*71-130*				

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Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1003S1					
Dichlorodifluoromethane	ND	0.00050	EPA 8260D	10-3-23	10-3-23	
Chloromethane	ND	0.00050	EPA 8260D	10-3-23	10-3-23	
Vinyl Chloride	ND	0.00050	EPA 8260D	10-3-23	10-3-23	
Bromomethane	ND	0.00050	EPA 8260D	10-3-23	10-3-23	
Chloroethane	ND	0.0010	EPA 8260D	10-3-23	10-3-23	
Trichlorofluoromethane	ND	0.00050	EPA 8260D	10-3-23	10-3-23	
1,1-Dichloroethene	ND	0.00050	EPA 8260D	10-3-23	10-3-23	
Acetone	ND	0.0050	EPA 8260D	10-3-23	10-3-23	
Iodomethane	ND	0.0065	EPA 8260D	10-3-23	10-3-23	
Carbon Disulfide	ND	0.0010	EPA 8260D	10-3-23	10-3-23	
Methylene Chloride	ND	0.0050	EPA 8260D	10-3-23	10-3-23	
(trans) 1,2-Dichloroethene	ND	0.00050	EPA 8260D	10-3-23	10-3-23	
Methyl t-Butyl Ether	ND	0.00050	EPA 8260D	10-3-23	10-3-23	
1,1-Dichloroethane	ND	0.00050	EPA 8260D	10-3-23	10-3-23	
Vinyl Acetate	ND	0.00050	EPA 8260D	10-3-23	10-3-23	
2,2-Dichloropropane	ND	0.00050	EPA 8260D	10-3-23	10-3-23	
(cis) 1,2-Dichloroethene	ND	0.00050	EPA 8260D	10-3-23	10-3-23	
2-Butanone	ND	0.0050	EPA 8260D	10-3-23	10-3-23	
Bromochloromethane	ND	0.0010	EPA 8260D	10-3-23	10-3-23	
Chloroform	ND	0.0010	EPA 8260D	10-3-23	10-3-23	
1,1,1-Trichloroethane	ND	0.00050	EPA 8260D	10-3-23	10-3-23	
Carbon Tetrachloride	ND	0.00050	EPA 8260D	10-3-23	10-3-23	
1,1-Dichloropropene	ND	0.00050	EPA 8260D	10-3-23	10-3-23	
Benzene	ND	0.00050	EPA 8260D	10-3-23	10-3-23	
1,2-Dichloroethane	ND	0.00050	EPA 8260D	10-3-23	10-3-23	
Trichloroethene	ND	0.00050	EPA 8260D	10-3-23	10-3-23	
1,2-Dichloropropane	ND	0.0010	EPA 8260D	10-3-23	10-3-23	
Dibromomethane	ND	0.0010	EPA 8260D	10-3-23	10-3-23	
Bromodichloromethane	ND	0.00050	EPA 8260D	10-3-23	10-3-23	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260D	10-3-23	10-3-23	
(cis) 1,3-Dichloropropene	ND	0.00050	EPA 8260D	10-3-23	10-3-23	
Methyl Isobutyl Ketone	ND	0.0010	EPA 8260D	10-3-23	10-3-23	
Toluene	ND	0.0010	EPA 8260D	10-3-23	10-3-23	

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Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1003S1					
(trans) 1,3-Dichloropropene	ND	0.00050	EPA 8260D	10-3-23	10-3-23	
1,1,2-Trichloroethane	ND	0.00050	EPA 8260D	10-3-23	10-3-23	
Tetrachloroethene	ND	0.00050	EPA 8260D	10-3-23	10-3-23	
1,3-Dichloropropane	ND	0.00050	EPA 8260D	10-3-23	10-3-23	
2-Hexanone	ND	0.0010	EPA 8260D	10-3-23	10-3-23	
Dibromochloromethane	ND	0.00050	EPA 8260D	10-3-23	10-3-23	
1,2-Dibromoethane	ND	0.00050	EPA 8260D	10-3-23	10-3-23	
Chlorobenzene	ND	0.00050	EPA 8260D	10-3-23	10-3-23	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260D	10-3-23	10-3-23	
Ethylbenzene	ND	0.00050	EPA 8260D	10-3-23	10-3-23	
m,p-Xylene	ND	0.0010	EPA 8260D	10-3-23	10-3-23	
o-Xylene	ND	0.00050	EPA 8260D	10-3-23	10-3-23	
Styrene	ND	0.00050	EPA 8260D	10-3-23	10-3-23	
Bromoform	ND	0.0010	EPA 8260D	10-3-23	10-3-23	
Isopropylbenzene	ND	0.00050	EPA 8260D	10-3-23	10-3-23	
Bromobenzene	ND	0.00050	EPA 8260D	10-3-23	10-3-23	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260D	10-3-23	10-3-23	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260D	10-3-23	10-3-23	
n-Propylbenzene	ND	0.00050	EPA 8260D	10-3-23	10-3-23	
2-Chlorotoluene	ND	0.00050	EPA 8260D	10-3-23	10-3-23	
4-Chlorotoluene	ND	0.00050	EPA 8260D	10-3-23	10-3-23	
1,3,5-Trimethylbenzene	ND	0.00050	EPA 8260D	10-3-23	10-3-23	
tert-Butylbenzene	ND	0.00050	EPA 8260D	10-3-23	10-3-23	
1,2,4-Trimethylbenzene	ND	0.00050	EPA 8260D	10-3-23	10-3-23	
sec-Butylbenzene	ND	0.00050	EPA 8260D	10-3-23	10-3-23	
1,3-Dichlorobenzene	ND	0.00050	EPA 8260D	10-3-23	10-3-23	
p-Isopropyltoluene	ND	0.00050	EPA 8260D	10-3-23	10-3-23	
1,4-Dichlorobenzene	ND	0.00050	EPA 8260D	10-3-23	10-3-23	
1,2-Dichlorobenzene	ND	0.00050	EPA 8260D	10-3-23	10-3-23	
n-Butylbenzene	ND	0.00050	EPA 8260D	10-3-23	10-3-23	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260D	10-3-23	10-3-23	
1,2,4-Trichlorobenzene	ND	0.00050	EPA 8260D	10-3-23	10-3-23	
Hexachlorobutadiene	ND	0.0010	EPA 8260D	10-3-23	10-3-23	
Naphthalene	ND	0.0020	EPA 8260D	10-3-23	10-3-23	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260D	10-3-23	10-3-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*97*	*75-130*				
Toluene-d8	*90*	*78-128*				
4-Bromofluorobenzene	*106*	*71-130*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0929S1									
	SB	SBD	SB	SBD	SB	SBD				
Dichlorodifluoromethane	**0.0375**	**0.0318**	0.0500	0.0500	75	64	30-160	16	26	
Chloromethane	**0.0450**	**0.0417**	0.0500	0.0500	90	83	59-131	8	26	
Vinyl Chloride	**0.0450**	**0.0421**	0.0500	0.0500	90	84	68-136	7	23	
Bromomethane	**0.0475**	**0.0468**	0.0500	0.0500	95	94	48-155	1	32	
Chloroethane	**0.0541**	**0.0535**	0.0500	0.0500	108	107	67-141	1	16	
Trichlorofluoromethane	**0.0531**	**0.0516**	0.0500	0.0500	106	103	76-127	3	19	
1,1-Dichloroethene	**0.0553**	**0.0530**	0.0500	0.0500	111	106	75-129	4	19	
Acetone	**0.0708**	**0.0786**	0.0500	0.0500	142	157	49-158	10	37	
Iodomethane	**0.0440**	**0.0458**	0.0500	0.0500	88	92	37-140	4	27	
Carbon Disulfide	**0.0485**	**0.0465**	0.0500	0.0500	97	93	41-143	4	19	
Methylene Chloride	**0.0545**	**0.0534**	0.0500	0.0500	109	107	60-124	2	18	
(trans) 1,2-Dichloroethene	**0.0555**	**0.0547**	0.0500	0.0500	111	109	79-133	1	15	
Methyl t-Butyl Ether	**0.0569**	**0.0605**	0.0500	0.0500	114	121	73-125	6	17	
1,1-Dichloroethane	**0.0550**	**0.0532**	0.0500	0.0500	110	106	79-125	3	17	
Vinyl Acetate	**0.0605**	**0.0661**	0.0500	0.0500	121	132	51-145	9	41	
2,2-Dichloropropane	**0.0556**	**0.0542**	0.0500	0.0500	111	108	79-126	3	18	
(cis) 1,2-Dichloroethene	**0.0550**	**0.0525**	0.0500	0.0500	110	105	75-131	5	15	
2-Butanone	**0.0621**	**0.0715**	0.0500	0.0500	124	143	54-145	14	32	
Bromochloromethane	**0.0562**	**0.0573**	0.0500	0.0500	112	115	80-126	2	15	
Chloroform	**0.0551**	**0.0537**	0.0500	0.0500	110	107	80-123	3	15	
1,1,1-Trichloroethane	**0.0553**	**0.0527**	0.0500	0.0500	111	105	78-124	5	21	
Carbon Tetrachloride	**0.0554**	**0.0530**	0.0500	0.0500	111	106	74-127	4	18	
1,1-Dichloropropene	**0.0549**	**0.0536**	0.0500	0.0500	110	107	80-123	2	15	
Benzene	**0.0543**	**0.0524**	0.0500	0.0500	109	105	80-122	4	18	
1,2-Dichloroethane	**0.0560**	**0.0572**	0.0500	0.0500	112	114	75-124	2	15	
Trichloroethene	**0.0518**	**0.0484**	0.0500	0.0500	104	97	80-129	7	18	
1,2-Dichloropropane	**0.0509**	**0.0495**	0.0500	0.0500	102	99	80-123	3	15	
Dibromomethane	**0.0525**	**0.0513**	0.0500	0.0500	105	103	80-123	2	15	
Bromodichloromethane	**0.0537**	**0.0504**	0.0500	0.0500	107	101	80-129	6	15	
(cis) 1,3-Dichloropropene	**0.0546**	**0.0535**	0.0500	0.0500	109	107	80-130	2	15	
Methyl Isobutyl Ketone	**0.0562**	**0.0633**	0.0500	0.0500	112	127	63-137	12	27	
Toluene	**0.0488**	**0.0458**	0.0500	0.0500	98	92	80-120	6	18	
(trans) 1,3-Dichloropropene	**0.0569**	**0.0555**	0.0500	0.0500	114	111	80-124	2	15	

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Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 2 of 2

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0929S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1,2-Trichloroethane	**0.0555**	**0.0545**	0.0500	0.0500	111	109	80-120	2	15	
Tetrachloroethene	**0.0553**	**0.0502**	0.0500	0.0500	111	100	77-126	10	15	
1,3-Dichloropropane	**0.0555**	**0.0542**	0.0500	0.0500	111	108	77-123	2	15	
2-Hexanone	**0.0571**	**0.0643**	0.0500	0.0500	114	129	53-137	12	29	
Dibromochloromethane	**0.0559**	**0.0536**	0.0500	0.0500	112	107	80-128	4	16	
1,2-Dibromoethane	**0.0559**	**0.0561**	0.0500	0.0500	112	112	80-122	0	20	
Chlorobenzene	**0.0535**	**0.0498**	0.0500	0.0500	107	100	80-120	7	18	
1,1,1,2-Tetrachloroethane	**0.0537**	**0.0499**	0.0500	0.0500	107	100	80-120	7	15	
Ethylbenzene	**0.0537**	**0.0486**	0.0500	0.0500	107	97	80-120	10	15	
m,p-Xylene	**0.108**	**0.100**	0.100	0.100	108	100	80-120	8	15	
o-Xylene	**0.0535**	**0.0501**	0.0500	0.0500	107	100	80-120	7	15	
Styrene	**0.0625**	**0.0584**	0.0500	0.0500	125	117	80-122	7	15	I
Bromoform	**0.0569**	**0.0565**	0.0500	0.0500	114	113	78-126	1	15	
Isopropylbenzene	**0.0575**	**0.0516**	0.0500	0.0500	115	103	80-125	11	15	
Bromobenzene	**0.0535**	**0.0487**	0.0500	0.0500	107	97	79-124	9	15	
1,1,2,2-Tetrachloroethane	**0.0549**	**0.0534**	0.0500	0.0500	110	107	75-122	3	17	
1,2,3-Trichloropropane	**0.0559**	**0.0548**	0.0500	0.0500	112	110	72-125	2	20	
n-Propylbenzene	**0.0544**	**0.0472**	0.0500	0.0500	109	94	77-126	14	16	
2-Chlorotoluene	**0.0531**	**0.0467**	0.0500	0.0500	106	93	75-128	13	15	
4-Chlorotoluene	**0.0577**	**0.0519**	0.0500	0.0500	115	104	78-127	11	16	
1,3,5-Trimethylbenzene	**0.0571**	**0.0510**	0.0500	0.0500	114	102	77-128	11	15	
tert-Butylbenzene	**0.0562**	**0.0491**	0.0500	0.0500	112	98	73-130	13	20	
1,2,4-Trimethylbenzene	**0.0558**	**0.0498**	0.0500	0.0500	112	100	77-125	11	16	
sec-Butylbenzene	**0.0570**	**0.0499**	0.0500	0.0500	114	100	75-130	13	17	
1,3-Dichlorobenzene	**0.0529**	**0.0474**	0.0500	0.0500	106	95	78-123	11	17	
p-Isopropyltoluene	**0.0587**	**0.0524**	0.0500	0.0500	117	105	75-130	11	18	
1,4-Dichlorobenzene	**0.0556**	**0.0498**	0.0500	0.0500	111	100	77-121	11	17	
1,2-Dichlorobenzene	**0.0554**	**0.0515**	0.0500	0.0500	111	103	80-120	7	15	
n-Butylbenzene	**0.0592**	**0.0518**	0.0500	0.0500	118	104	76-131	13	20	
1,2-Dibromo-3-chloropropane	**0.0583**	**0.0599**	0.0500	0.0500	117	120	61-137	3	28	
1,2,4-Trichlorobenzene	**0.0550**	**0.0502**	0.0500	0.0500	110	100	77-127	9	17	
Hexachlorobutadiene	**0.0467**	**0.0402**	0.0500	0.0500	93	80	77-125	15	22	
Naphthalene	**0.0580**	**0.0574**	0.0500	0.0500	116	115	68-129	1	19	
1,2,3-Trichlorobenzene	**0.0587**	**0.0536**	0.0500	0.0500	117	107	77-124	9	19	
Surrogate:										
Dibromofluoromethane					*105*	*109*	*75-130*			
Toluene-d8					*93*	*96*	*78-128*			
4-Bromofluorobenzene					*109*	*112*	*71-130*			

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Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1003S1									
	SB	SBD	SB	SBD	SB	SBD				
Dichlorodifluoromethane	**0.0527**	**0.0524**	0.0500	0.0500	105	105	30-160	1	26	
Chloromethane	**0.0482**	**0.0493**	0.0500	0.0500	96	99	59-131	2	26	
Vinyl Chloride	**0.0453**	**0.0454**	0.0500	0.0500	91	91	68-136	0	23	
Bromomethane	**0.0432**	**0.0467**	0.0500	0.0500	86	93	48-155	8	32	
Chloroethane	**0.0526**	**0.0539**	0.0500	0.0500	105	108	67-141	2	16	
Trichlorofluoromethane	**0.0513**	**0.0541**	0.0500	0.0500	103	108	76-127	5	19	
1,1-Dichloroethene	**0.0503**	**0.0509**	0.0500	0.0500	101	102	75-129	1	19	
Acetone	**0.0654**	**0.0701**	0.0500	0.0500	131	140	49-158	7	37	
Iodomethane	**0.0386**	**0.0447**	0.0500	0.0500	77	89	37-140	15	27	
Carbon Disulfide	**0.0410**	**0.0415**	0.0500	0.0500	82	83	41-143	1	19	
Methylene Chloride	**0.0481**	**0.0492**	0.0500	0.0500	96	98	60-124	2	18	
(trans) 1,2-Dichloroethene	**0.0509**	**0.0517**	0.0500	0.0500	102	103	79-133	2	15	
Methyl t-Butyl Ether	**0.0535**	**0.0538**	0.0500	0.0500	107	108	73-125	1	17	
1,1-Dichloroethane	**0.0491**	**0.0509**	0.0500	0.0500	98	102	79-125	4	17	
Vinyl Acetate	**0.0564**	**0.0584**	0.0500	0.0500	113	117	51-145	3	41	
2,2-Dichloropropane	**0.0500**	**0.0512**	0.0500	0.0500	100	102	79-126	2	18	
(cis) 1,2-Dichloroethene	**0.0491**	**0.0502**	0.0500	0.0500	98	100	75-131	2	15	
2-Butanone	**0.0578**	**0.0588**	0.0500	0.0500	116	118	54-145	2	32	
Bromochloromethane	**0.0522**	**0.0528**	0.0500	0.0500	104	106	80-126	1	15	
Chloroform	**0.0501**	**0.0507**	0.0500	0.0500	100	101	80-123	1	15	
1,1,1-Trichloroethane	**0.0487**	**0.0499**	0.0500	0.0500	97	100	78-124	2	21	
Carbon Tetrachloride	**0.0496**	**0.0510**	0.0500	0.0500	99	102	74-127	3	18	
1,1-Dichloropropene	**0.0493**	**0.0515**	0.0500	0.0500	99	103	80-123	4	15	
Benzene	**0.0488**	**0.0504**	0.0500	0.0500	98	101	80-122	3	18	
1,2-Dichloroethane	**0.0523**	**0.0524**	0.0500	0.0500	105	105	75-124	0	15	
Trichloroethene	**0.0502**	**0.0502**	0.0500	0.0500	100	100	80-129	0	18	
1,2-Dichloropropane	**0.0511**	**0.0511**	0.0500	0.0500	102	102	80-123	0	15	
Dibromomethane	**0.0514**	**0.0518**	0.0500	0.0500	103	104	80-123	1	15	
Bromodichloromethane	**0.0511**	**0.0515**	0.0500	0.0500	102	103	80-129	1	15	
(cis) 1,3-Dichloropropene	**0.0541**	**0.0540**	0.0500	0.0500	108	108	80-130	0	15	
Methyl Isobutyl Ketone	**0.0561**	**0.0556**	0.0500	0.0500	112	111	63-137	1	27	
Toluene	**0.0474**	**0.0483**	0.0500	0.0500	95	97	80-120	2	18	
(trans) 1,3-Dichloropropene	**0.0517**	**0.0540**	0.0500	0.0500	103	108	80-124	4	15	

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Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 2 of 2

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1003S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1,2-Trichloroethane	**0.0510**	**0.0532**	0.0500	0.0500	102	106	80-120	4	15	
Tetrachloroethene	**0.0494**	**0.0513**	0.0500	0.0500	99	103	77-126	4	15	
1,3-Dichloropropane	**0.0508**	**0.0522**	0.0500	0.0500	102	104	77-123	3	15	
2-Hexanone	**0.0526**	**0.0551**	0.0500	0.0500	105	110	53-137	5	29	
Dibromochloromethane	**0.0510**	**0.0528**	0.0500	0.0500	102	106	80-128	3	16	
1,2-Dibromoethane	**0.0521**	**0.0544**	0.0500	0.0500	104	109	80-122	4	20	
Chlorobenzene	**0.0486**	**0.0503**	0.0500	0.0500	97	101	80-120	3	18	
1,1,1,2-Tetrachloroethane	**0.0492**	**0.0500**	0.0500	0.0500	98	100	80-120	2	15	
Ethylbenzene	**0.0485**	**0.0505**	0.0500	0.0500	97	101	80-120	4	15	
m,p-Xylene	**0.0976**	**0.100**	0.100	0.100	98	100	80-120	2	15	
o-Xylene	**0.0490**	**0.0506**	0.0500	0.0500	98	101	80-120	3	15	
Styrene	**0.0566**	**0.0582**	0.0500	0.0500	113	116	80-122	3	15	
Bromoform	**0.0523**	**0.0533**	0.0500	0.0500	105	107	78-126	2	15	
Isopropylbenzene	**0.0515**	**0.0533**	0.0500	0.0500	103	107	80-125	3	15	
Bromobenzene	**0.0476**	**0.0479**	0.0500	0.0500	95	96	79-124	1	15	
1,1,2,2-Tetrachloroethane	**0.0497**	**0.0485**	0.0500	0.0500	99	97	75-122	2	17	
1,2,3-Trichloropropane	**0.0519**	**0.0512**	0.0500	0.0500	104	102	72-125	1	20	
n-Propylbenzene	**0.0480**	**0.0473**	0.0500	0.0500	96	95	77-126	1	16	
2-Chlorotoluene	**0.0470**	**0.0481**	0.0500	0.0500	94	96	75-128	2	15	
4-Chlorotoluene	**0.0513**	**0.0504**	0.0500	0.0500	103	101	78-127	2	16	
1,3,5-Trimethylbenzene	**0.0501**	**0.0505**	0.0500	0.0500	100	101	77-128	1	15	
tert-Butylbenzene	**0.0500**	**0.0500**	0.0500	0.0500	100	100	73-130	0	20	
1,2,4-Trimethylbenzene	**0.0496**	**0.0504**	0.0500	0.0500	99	101	77-125	2	16	
sec-Butylbenzene	**0.0509**	**0.0504**	0.0500	0.0500	102	101	75-130	1	17	
1,3-Dichlorobenzene	**0.0478**	**0.0479**	0.0500	0.0500	96	96	78-123	0	17	
p-Isopropyltoluene	**0.0520**	**0.0528**	0.0500	0.0500	104	106	75-130	2	18	
1,4-Dichlorobenzene	**0.0492**	**0.0494**	0.0500	0.0500	98	99	77-121	0	17	
1,2-Dichlorobenzene	**0.0495**	**0.0501**	0.0500	0.0500	99	100	80-120	1	15	
n-Butylbenzene	**0.0516**	**0.0518**	0.0500	0.0500	103	104	76-131	0	20	
1,2-Dibromo-3-chloropropane	**0.0555**	**0.0535**	0.0500	0.0500	111	107	61-137	4	28	
1,2,4-Trichlorobenzene	**0.0514**	**0.0498**	0.0500	0.0500	103	100	77-127	3	17	
Hexachlorobutadiene	**0.0439**	**0.0419**	0.0500	0.0500	88	84	77-125	5	22	
Naphthalene	**0.0553**	**0.0533**	0.0500	0.0500	111	107	68-129	4	19	
1,2,3-Trichlorobenzene	**0.0549**	**0.0528**	0.0500	0.0500	110	106	77-124	4	19	
Surrogate:										
Dibromofluoromethane					*91*	*93*	*75-130*			
Toluene-d8					*94*	*93*	*78-128*			
4-Bromofluorobenzene					*115*	*116*	*71-130*			

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Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-01**					
Laboratory ID:	09-278-01					
n-Nitrosodimethylamine	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Pyridine	**ND**	0.21	EPA 8270E	9-27-23	9-27-23	
Phenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Aniline	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
bis(2-Chloroethyl)ether	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2-Chlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
1,3-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
1,4-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Benzyl alcohol	**ND**	0.042	EPA 8270E	9-27-23	9-27-23	
1,2-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2-Methylphenol (o-Cresol)	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
bis(2-Chloroisopropyl)ether	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
n-Nitroso-di-n-propylamine	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Hexachloroethane	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Nitrobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Isophorone	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2-Nitrophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,4-Dimethylphenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
bis(2-Chloroethoxy)methane	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2,4-Dichlorophenol	**ND**	0.042	EPA 8270E	9-27-23	9-27-23	
1,2,4-Trichlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Naphthalene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
4-Chloroaniline	**ND**	0.042	EPA 8270E	9-27-23	9-27-23	
Hexachlorobutadiene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
4-Chloro-3-methylphenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
1-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Hexachlorocyclopentadiene	**ND**	0.042	EPA 8270E	9-27-23	9-27-23	
2,4,6-Trichlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,3-Dichloroaniline	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,4,5-Trichlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2-Chloronaphthalene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2-Nitroaniline	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
1,4-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Dimethylphthalate	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
1,3-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,6-Dinitrotoluene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
1,2-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Acenaphthylene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
3-Nitroaniline	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	

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Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-01**					
Laboratory ID:	09-278-01					
2,4-Dinitrophenol	**ND**	0.17	EPA 8270E	9-27-23	9-27-23	
Acenaphthene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
4-Nitrophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,4-Dinitrotoluene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Dibenzofuran	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2,3,5,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,3,4,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Diethylphthalate	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
4-Chlorophenyl-phenylether	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
4-Nitroaniline	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Fluorene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
4,6-Dinitro-2-methylphenol	**ND**	0.054	EPA 8270E	9-27-23	9-27-23	
n-Nitrosodiphenylamine	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
1,2-Diphenylhydrazine	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
4-Bromophenyl-phenylether	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Hexachlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Pentachlorophenol	**ND**	0.053	EPA 8270E	9-27-23	9-27-23	
Phenanthrene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Anthracene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Carbazole	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Di-n-butylphthalate	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
Fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Pyrene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Butylbenzylphthalate	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
bis-2-Ethylhexyladipate	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
3,3'-Dichlorobenzidine	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
Benzo[a]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Chrysene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
Di-n-octylphthalate	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Benzo[b]fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Benzo(j,k)fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Benzo[a]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Dibenz[a,h]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Benzo[g,h,i]perylene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*75*	*11 - 111*				
Phenol-d6	*76*	*26 - 117*				
Nitrobenzene-d5	*73*	*31 - 111*				
2-Fluorobiphenyl	*75*	*38 - 109*				
2,4,6-Tribromophenol	*82*	*27 - 127*				
Terphenyl-d14	*71*	*37 - 116*				

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Project: Jorgenson Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-02**					
Laboratory ID:	09-278-02					
n-Nitrosodimethylamine	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Pyridine	**ND**	0.21	EPA 8270E	9-27-23	9-27-23	
Phenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Aniline	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
bis(2-Chloroethyl)ether	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2-Chlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
1,3-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
1,4-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Benzyl alcohol	**ND**	0.042	EPA 8270E	9-27-23	9-27-23	
1,2-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2-Methylphenol (o-Cresol)	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
bis(2-Chloroisopropyl)ether	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
n-Nitroso-di-n-propylamine	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Hexachloroethane	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Nitrobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Isophorone	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2-Nitrophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,4-Dimethylphenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
bis(2-Chloroethoxy)methane	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2,4-Dichlorophenol	**ND**	0.042	EPA 8270E	9-27-23	9-27-23	
1,2,4-Trichlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Naphthalene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
4-Chloroaniline	**ND**	0.042	EPA 8270E	9-27-23	9-27-23	
Hexachlorobutadiene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
4-Chloro-3-methylphenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
1-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Hexachlorocyclopentadiene	**ND**	0.042	EPA 8270E	9-27-23	9-27-23	
2,4,6-Trichlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,3-Dichloroaniline	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,4,5-Trichlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2-Chloronaphthalene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2-Nitroaniline	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
1,4-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Dimethylphthalate	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
1,3-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,6-Dinitrotoluene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
1,2-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Acenaphthylene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
3-Nitroaniline	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-02**					
Laboratory ID:	09-278-02					
2,4-Dinitrophenol	**ND**	0.17	EPA 8270E	9-27-23	9-27-23	
Acenaphthene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
4-Nitrophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,4-Dinitrotoluene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Dibenzofuran	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2,3,5,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,3,4,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Diethylphthalate	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
4-Chlorophenyl-phenylether	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
4-Nitroaniline	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Fluorene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
4,6-Dinitro-2-methylphenol	**ND**	0.054	EPA 8270E	9-27-23	9-27-23	
n-Nitrosodiphenylamine	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
1,2-Diphenylhydrazine	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
4-Bromophenyl-phenylether	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Hexachlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Pentachlorophenol	**ND**	0.054	EPA 8270E	9-27-23	9-27-23	
Phenanthrene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Anthracene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Carbazole	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Di-n-butylphthalate	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
Fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Pyrene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Butylbenzylphthalate	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
bis-2-Ethylhexyladipate	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
3,3'-Dichlorobenzidine	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
Benzo[a]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Chrysene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
Di-n-octylphthalate	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Benzo[b]fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Benzo(j,k)fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Benzo[a]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Dibenz[a,h]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Benzo[g,h,i]perylene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*83*	*11 - 111*				
Phenol-d6	*88*	*26 - 117*				
Nitrobenzene-d5	*81*	*31 - 111*				
2-Fluorobiphenyl	*84*	*38 - 109*				
2,4,6-Tribromophenol	*95*	*27 - 127*				
Terphenyl-d14	*83*	*37 - 116*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-03**					
Laboratory ID:	09-278-03					
n-Nitrosodimethylamine	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Pyridine	**ND**	0.21	EPA 8270E	9-27-23	9-27-23	
Phenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Aniline	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
bis(2-Chloroethyl)ether	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2-Chlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
1,3-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
1,4-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Benzyl alcohol	**ND**	0.042	EPA 8270E	9-27-23	9-27-23	
1,2-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2-Methylphenol (o-Cresol)	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
bis(2-Chloroisopropyl)ether	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
n-Nitroso-di-n-propylamine	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Hexachloroethane	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Nitrobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Isophorone	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2-Nitrophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,4-Dimethylphenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
bis(2-Chloroethoxy)methane	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2,4-Dichlorophenol	**ND**	0.042	EPA 8270E	9-27-23	9-27-23	
1,2,4-Trichlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Naphthalene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
4-Chloroaniline	**ND**	0.042	EPA 8270E	9-27-23	9-27-23	
Hexachlorobutadiene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
4-Chloro-3-methylphenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
1-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Hexachlorocyclopentadiene	**ND**	0.042	EPA 8270E	9-27-23	9-27-23	
2,4,6-Trichlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,3-Dichloroaniline	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,4,5-Trichlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2-Chloronaphthalene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2-Nitroaniline	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
1,4-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Dimethylphthalate	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
1,3-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,6-Dinitrotoluene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
1,2-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Acenaphthylene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
3-Nitroaniline	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-03**					
Laboratory ID:	09-278-03					
2,4-Dinitrophenol	**ND**	0.17	EPA 8270E	9-27-23	9-27-23	
Acenaphthene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
4-Nitrophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,4-Dinitrotoluene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Dibenzofuran	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2,3,5,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,3,4,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Diethylphthalate	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
4-Chlorophenyl-phenylether	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
4-Nitroaniline	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Fluorene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
4,6-Dinitro-2-methylphenol	**ND**	0.054	EPA 8270E	9-27-23	9-27-23	
n-Nitrosodiphenylamine	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
1,2-Diphenylhydrazine	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
4-Bromophenyl-phenylether	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Hexachlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Pentachlorophenol	**ND**	0.053	EPA 8270E	9-27-23	9-27-23	
Phenanthrene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Anthracene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Carbazole	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Di-n-butylphthalate	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
Fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Pyrene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Butylbenzylphthalate	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
bis-2-Ethylhexyladipate	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
3,3'-Dichlorobenzidine	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
Benzo[a]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Chrysene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
Di-n-octylphthalate	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Benzo[b]fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Benzo(j,k)fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Benzo[a]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Dibenz[a,h]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Benzo[g,h,i]perylene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*63*	*11 - 111*				
Phenol-d6	*68*	*26 - 117*				
Nitrobenzene-d5	*65*	*31 - 111*				
2-Fluorobiphenyl	*65*	*38 - 109*				
2,4,6-Tribromophenol	*71*	*27 - 127*				
Terphenyl-d14	*63*	*37 - 116*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-04**					
Laboratory ID:	09-278-04					
n-Nitrosodimethylamine	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Pyridine	**ND**	0.21	EPA 8270E	9-27-23	9-27-23	
Phenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Aniline	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
bis(2-Chloroethyl)ether	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2-Chlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
1,3-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
1,4-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Benzyl alcohol	**ND**	0.042	EPA 8270E	9-27-23	9-27-23	
1,2-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2-Methylphenol (o-Cresol)	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
bis(2-Chloroisopropyl)ether	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
n-Nitroso-di-n-propylamine	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Hexachloroethane	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Nitrobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Isophorone	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2-Nitrophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,4-Dimethylphenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
bis(2-Chloroethoxy)methane	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2,4-Dichlorophenol	**ND**	0.042	EPA 8270E	9-27-23	9-27-23	
1,2,4-Trichlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Naphthalene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
4-Chloroaniline	**ND**	0.042	EPA 8270E	9-27-23	9-27-23	
Hexachlorobutadiene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
4-Chloro-3-methylphenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
1-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Hexachlorocyclopentadiene	**ND**	0.042	EPA 8270E	9-27-23	9-27-23	
2,4,6-Trichlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,3-Dichloroaniline	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,4,5-Trichlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2-Chloronaphthalene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2-Nitroaniline	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
1,4-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Dimethylphthalate	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
1,3-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,6-Dinitrotoluene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
1,2-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Acenaphthylene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
3-Nitroaniline	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-04**					
Laboratory ID:	09-278-04					
2,4-Dinitrophenol	**ND**	0.17	EPA 8270E	9-27-23	9-27-23	
Acenaphthene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
4-Nitrophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,4-Dinitrotoluene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Dibenzofuran	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2,3,5,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,3,4,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Diethylphthalate	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
4-Chlorophenyl-phenylether	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
4-Nitroaniline	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Fluorene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
4,6-Dinitro-2-methylphenol	**ND**	0.054	EPA 8270E	9-27-23	9-27-23	
n-Nitrosodiphenylamine	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
1,2-Diphenylhydrazine	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
4-Bromophenyl-phenylether	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Hexachlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Pentachlorophenol	**ND**	0.053	EPA 8270E	9-27-23	9-27-23	
Phenanthrene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Anthracene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Carbazole	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Di-n-butylphthalate	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
Fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Pyrene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Butylbenzylphthalate	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
bis-2-Ethylhexyladipate	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
3,3'-Dichlorobenzidine	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
Benzo[a]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Chrysene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
Di-n-octylphthalate	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Benzo[b]fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Benzo(j,k)fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Benzo[a]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Dibenz[a,h]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Benzo[g,h,i]perylene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*67*	*11 - 111*				
Phenol-d6	*75*	*26 - 117*				
Nitrobenzene-d5	*70*	*31 - 111*				
2-Fluorobiphenyl	*74*	*38 - 109*				
2,4,6-Tribromophenol	*87*	*27 - 127*				
Terphenyl-d14	*76*	*37 - 116*				

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Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-05**					
Laboratory ID:	09-278-05					
n-Nitrosodimethylamine	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Pyridine	**ND**	0.21	EPA 8270E	9-27-23	9-27-23	
Phenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Aniline	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
bis(2-Chloroethyl)ether	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2-Chlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
1,3-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
1,4-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Benzyl alcohol	**ND**	0.042	EPA 8270E	9-27-23	9-27-23	
1,2-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2-Methylphenol (o-Cresol)	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
bis(2-Chloroisopropyl)ether	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
n-Nitroso-di-n-propylamine	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Hexachloroethane	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Nitrobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Isophorone	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2-Nitrophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,4-Dimethylphenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
bis(2-Chloroethoxy)methane	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2,4-Dichlorophenol	**ND**	0.042	EPA 8270E	9-27-23	9-27-23	
1,2,4-Trichlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Naphthalene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
4-Chloroaniline	**ND**	0.042	EPA 8270E	9-27-23	9-27-23	
Hexachlorobutadiene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
4-Chloro-3-methylphenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
1-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Hexachlorocyclopentadiene	**ND**	0.042	EPA 8270E	9-27-23	9-27-23	
2,4,6-Trichlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,3-Dichloroaniline	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,4,5-Trichlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2-Chloronaphthalene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2-Nitroaniline	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
1,4-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Dimethylphthalate	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
1,3-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,6-Dinitrotoluene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
1,2-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Acenaphthylene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
3-Nitroaniline	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	

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Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-05**					
Laboratory ID:	09-278-05					
2,4-Dinitrophenol	**ND**	0.17	EPA 8270E	9-27-23	9-27-23	
Acenaphthene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
4-Nitrophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,4-Dinitrotoluene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Dibenzofuran	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2,3,5,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,3,4,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Diethylphthalate	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
4-Chlorophenyl-phenylether	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
4-Nitroaniline	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Fluorene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
4,6-Dinitro-2-methylphenol	**ND**	0.054	EPA 8270E	9-27-23	9-27-23	
n-Nitrosodiphenylamine	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
1,2-Diphenylhydrazine	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
4-Bromophenyl-phenylether	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Hexachlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Pentachlorophenol	**ND**	0.053	EPA 8270E	9-27-23	9-27-23	
Phenanthrene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Anthracene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Carbazole	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Di-n-butylphthalate	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
Fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Pyrene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Butylbenzylphthalate	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
bis-2-Ethylhexyladipate	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
3,3'-Dichlorobenzidine	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
Benzo[a]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Chrysene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
Di-n-octylphthalate	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Benzo[b]fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Benzo(j,k)fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Benzo[a]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Dibenz[a,h]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Benzo[g,h,i]perylene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*83*	*11 - 111*				
Phenol-d6	*86*	*26 - 117*				
Nitrobenzene-d5	*82*	*31 - 111*				
2-Fluorobiphenyl	*81*	*38 - 109*				
2,4,6-Tribromophenol	*89*	*27 - 127*				
Terphenyl-d14	*78*	*37 - 116*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-06**					
Laboratory ID:	09-278-06					
n-Nitrosodimethylamine	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Pyridine	**ND**	0.21	EPA 8270E	9-27-23	9-27-23	
Phenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Aniline	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
bis(2-Chloroethyl)ether	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2-Chlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
1,3-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
1,4-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Benzyl alcohol	**ND**	0.042	EPA 8270E	9-27-23	9-27-23	
1,2-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2-Methylphenol (o-Cresol)	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
bis(2-Chloroisopropyl)ether	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
n-Nitroso-di-n-propylamine	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Hexachloroethane	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Nitrobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Isophorone	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2-Nitrophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,4-Dimethylphenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
bis(2-Chloroethoxy)methane	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2,4-Dichlorophenol	**ND**	0.042	EPA 8270E	9-27-23	9-27-23	
1,2,4-Trichlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Naphthalene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
4-Chloroaniline	**ND**	0.042	EPA 8270E	9-27-23	9-27-23	
Hexachlorobutadiene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
4-Chloro-3-methylphenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
1-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Hexachlorocyclopentadiene	**ND**	0.042	EPA 8270E	9-27-23	9-27-23	
2,4,6-Trichlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,3-Dichloroaniline	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,4,5-Trichlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2-Chloronaphthalene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2-Nitroaniline	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
1,4-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Dimethylphthalate	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
1,3-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,6-Dinitrotoluene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
1,2-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Acenaphthylene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
3-Nitroaniline	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-06**					
Laboratory ID:	09-278-06					
2,4-Dinitrophenol	**ND**	0.17	EPA 8270E	9-27-23	9-27-23	
Acenaphthene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
4-Nitrophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,4-Dinitrotoluene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Dibenzofuran	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2,3,5,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,3,4,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Diethylphthalate	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
4-Chlorophenyl-phenylether	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
4-Nitroaniline	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Fluorene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
4,6-Dinitro-2-methylphenol	**ND**	0.054	EPA 8270E	9-27-23	9-27-23	
n-Nitrosodiphenylamine	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
1,2-Diphenylhydrazine	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
4-Bromophenyl-phenylether	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Hexachlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Pentachlorophenol	**ND**	0.053	EPA 8270E	9-27-23	9-27-23	
Phenanthrene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Anthracene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Carbazole	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Di-n-butylphthalate	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
Fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Pyrene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Butylbenzylphthalate	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
bis-2-Ethylhexyladipate	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
3,3'-Dichlorobenzidine	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
Benzo[a]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Chrysene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
Di-n-octylphthalate	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Benzo[b]fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Benzo(j,k)fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Benzo[a]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Dibenz[a,h]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Benzo[g,h,i]perylene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*83*	*11 - 111*				
Phenol-d6	*86*	*26 - 117*				
Nitrobenzene-d5	*83*	*31 - 111*				
2-Fluorobiphenyl	*82*	*38 - 109*				
2,4,6-Tribromophenol	*88*	*27 - 127*				
Terphenyl-d14	*75*	*37 - 116*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-07**					
Laboratory ID:	09-278-07					
n-Nitrosodimethylamine	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Pyridine	**ND**	0.21	EPA 8270E	9-27-23	9-27-23	
Phenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Aniline	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
bis(2-Chloroethyl)ether	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2-Chlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
1,3-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
1,4-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Benzyl alcohol	**ND**	0.042	EPA 8270E	9-27-23	9-27-23	
1,2-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2-Methylphenol (o-Cresol)	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
bis(2-Chloroisopropyl)ether	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
n-Nitroso-di-n-propylamine	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Hexachloroethane	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Nitrobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Isophorone	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2-Nitrophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,4-Dimethylphenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
bis(2-Chloroethoxy)methane	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2,4-Dichlorophenol	**ND**	0.042	EPA 8270E	9-27-23	9-27-23	
1,2,4-Trichlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Naphthalene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
4-Chloroaniline	**ND**	0.042	EPA 8270E	9-27-23	9-27-23	
Hexachlorobutadiene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
4-Chloro-3-methylphenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
1-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Hexachlorocyclopentadiene	**ND**	0.042	EPA 8270E	9-27-23	9-27-23	
2,4,6-Trichlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,3-Dichloroaniline	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,4,5-Trichlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2-Chloronaphthalene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2-Nitroaniline	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
1,4-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Dimethylphthalate	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
1,3-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,6-Dinitrotoluene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
1,2-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Acenaphthylene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
3-Nitroaniline	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-07**					
Laboratory ID:	09-278-07					
2,4-Dinitrophenol	**ND**	0.17	EPA 8270E	9-27-23	9-27-23	
Acenaphthene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
4-Nitrophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,4-Dinitrotoluene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Dibenzofuran	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2,3,5,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,3,4,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Diethylphthalate	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
4-Chlorophenyl-phenylether	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
4-Nitroaniline	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Fluorene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
4,6-Dinitro-2-methylphenol	**ND**	0.054	EPA 8270E	9-27-23	9-27-23	
n-Nitrosodiphenylamine	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
1,2-Diphenylhydrazine	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
4-Bromophenyl-phenylether	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Hexachlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Pentachlorophenol	**ND**	0.054	EPA 8270E	9-27-23	9-27-23	
Phenanthrene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Anthracene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Carbazole	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Di-n-butylphthalate	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
Fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Pyrene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Butylbenzylphthalate	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
bis-2-Ethylhexyladipate	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
3,3'-Dichlorobenzidine	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
Benzo[a]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Chrysene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
Di-n-octylphthalate	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Benzo[b]fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Benzo(j,k)fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Benzo[a]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Dibenz[a,h]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Benzo[g,h,i]perylene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*92*	*11 - 111*				
Phenol-d6	*96*	*26 - 117*				
Nitrobenzene-d5	*90*	*31 - 111*				
2-Fluorobiphenyl	*86*	*38 - 109*				
2,4,6-Tribromophenol	*99*	*27 - 127*				
Terphenyl-d14	*85*	*37 - 116*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-08**					
Laboratory ID:	09-278-08					
n-Nitrosodimethylamine	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Pyridine	**ND**	0.21	EPA 8270E	9-27-23	9-27-23	
Phenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Aniline	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
bis(2-Chloroethyl)ether	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2-Chlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
1,3-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
1,4-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Benzyl alcohol	**ND**	0.041	EPA 8270E	9-27-23	9-27-23	
1,2-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2-Methylphenol (o-Cresol)	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
bis(2-Chloroisopropyl)ether	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
n-Nitroso-di-n-propylamine	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Hexachloroethane	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Nitrobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Isophorone	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2-Nitrophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,4-Dimethylphenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
bis(2-Chloroethoxy)methane	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2,4-Dichlorophenol	**ND**	0.041	EPA 8270E	9-27-23	9-27-23	
1,2,4-Trichlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Naphthalene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
4-Chloroaniline	**ND**	0.041	EPA 8270E	9-27-23	9-27-23	
Hexachlorobutadiene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
4-Chloro-3-methylphenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
1-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Hexachlorocyclopentadiene	**ND**	0.041	EPA 8270E	9-27-23	9-27-23	
2,4,6-Trichlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,3-Dichloroaniline	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,4,5-Trichlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2-Chloronaphthalene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2-Nitroaniline	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
1,4-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Dimethylphthalate	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
1,3-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,6-Dinitrotoluene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
1,2-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Acenaphthylene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
3-Nitroaniline	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-08**					
Laboratory ID:	09-278-08					
2,4-Dinitrophenol	**ND**	0.17	EPA 8270E	9-27-23	9-27-23	
Acenaphthene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
4-Nitrophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,4-Dinitrotoluene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Dibenzofuran	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2,3,5,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,3,4,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Diethylphthalate	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
4-Chlorophenyl-phenylether	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
4-Nitroaniline	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Fluorene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
4,6-Dinitro-2-methylphenol	**ND**	0.054	EPA 8270E	9-27-23	9-27-23	
n-Nitrosodiphenylamine	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
1,2-Diphenylhydrazine	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
4-Bromophenyl-phenylether	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Hexachlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Pentachlorophenol	**ND**	0.053	EPA 8270E	9-27-23	9-27-23	
Phenanthrene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Anthracene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Carbazole	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Di-n-butylphthalate	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
Fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Pyrene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Butylbenzylphthalate	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
bis-2-Ethylhexyladipate	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
3,3'-Dichlorobenzidine	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
Benzo[a]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Chrysene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
Di-n-octylphthalate	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Benzo[b]fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Benzo(j,k)fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Benzo[a]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Dibenz[a,h]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Benzo[g,h,i]perylene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*76*	*11 - 111*				
Phenol-d6	*79*	*26 - 117*				
Nitrobenzene-d5	*76*	*31 - 111*				
2-Fluorobiphenyl	*75*	*38 - 109*				
2,4,6-Tribromophenol	*81*	*27 - 127*				
Terphenyl-d14	*71*	*37 - 116*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-09**					
Laboratory ID:	09-278-09					
n-Nitrosodimethylamine	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Pyridine	**ND**	0.21	EPA 8270E	9-27-23	9-27-23	
Phenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Aniline	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
bis(2-Chloroethyl)ether	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2-Chlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
1,3-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
1,4-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Benzyl alcohol	**ND**	0.042	EPA 8270E	9-27-23	9-27-23	
1,2-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2-Methylphenol (o-Cresol)	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
bis(2-Chloroisopropyl)ether	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
n-Nitroso-di-n-propylamine	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Hexachloroethane	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Nitrobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Isophorone	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2-Nitrophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,4-Dimethylphenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
bis(2-Chloroethoxy)methane	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2,4-Dichlorophenol	**ND**	0.042	EPA 8270E	9-27-23	9-27-23	
1,2,4-Trichlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Naphthalene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
4-Chloroaniline	**ND**	0.042	EPA 8270E	9-27-23	9-27-23	
Hexachlorobutadiene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
4-Chloro-3-methylphenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
1-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Hexachlorocyclopentadiene	**ND**	0.042	EPA 8270E	9-27-23	9-27-23	
2,4,6-Trichlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,3-Dichloroaniline	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,4,5-Trichlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2-Chloronaphthalene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2-Nitroaniline	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
1,4-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Dimethylphthalate	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
1,3-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,6-Dinitrotoluene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
1,2-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Acenaphthylene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
3-Nitroaniline	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-09**					
Laboratory ID:	09-278-09					
2,4-Dinitrophenol	**ND**	0.17	EPA 8270E	9-27-23	9-27-23	
Acenaphthene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
4-Nitrophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,4-Dinitrotoluene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Dibenzofuran	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2,3,5,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,3,4,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Diethylphthalate	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
4-Chlorophenyl-phenylether	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
4-Nitroaniline	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Fluorene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
4,6-Dinitro-2-methylphenol	**ND**	0.054	EPA 8270E	9-27-23	9-27-23	
n-Nitrosodiphenylamine	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
1,2-Diphenylhydrazine	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
4-Bromophenyl-phenylether	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Hexachlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Pentachlorophenol	**ND**	0.054	EPA 8270E	9-27-23	9-27-23	
Phenanthrene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Anthracene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Carbazole	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Di-n-butylphthalate	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
Fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Pyrene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Butylbenzylphthalate	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
bis-2-Ethylhexyladipate	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
3,3'-Dichlorobenzidine	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
Benzo[a]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Chrysene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
Di-n-octylphthalate	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Benzo[b]fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Benzo(j,k)fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Benzo[a]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Dibenz[a,h]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Benzo[g,h,i]perylene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*80*	*11 - 111*				
Phenol-d6	*83*	*26 - 117*				
Nitrobenzene-d5	*81*	*31 - 111*				
2-Fluorobiphenyl	*80*	*38 - 109*				
2,4,6-Tribromophenol	*91*	*27 - 127*				
Terphenyl-d14	*77*	*37 - 116*				

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Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-10**					
Laboratory ID:	09-278-10					
n-Nitrosodimethylamine	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Pyridine	**ND**	0.21	EPA 8270E	9-27-23	9-27-23	
Phenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Aniline	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
bis(2-Chloroethyl)ether	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2-Chlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
1,3-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
1,4-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Benzyl alcohol	**ND**	0.042	EPA 8270E	9-27-23	9-27-23	
1,2-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2-Methylphenol (o-Cresol)	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
bis(2-Chloroisopropyl)ether	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
n-Nitroso-di-n-propylamine	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Hexachloroethane	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Nitrobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Isophorone	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2-Nitrophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,4-Dimethylphenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
bis(2-Chloroethoxy)methane	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2,4-Dichlorophenol	**ND**	0.042	EPA 8270E	9-27-23	9-27-23	
1,2,4-Trichlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Naphthalene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
4-Chloroaniline	**ND**	0.042	EPA 8270E	9-27-23	9-27-23	
Hexachlorobutadiene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
4-Chloro-3-methylphenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
1-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Hexachlorocyclopentadiene	**ND**	0.042	EPA 8270E	9-27-23	9-27-23	
2,4,6-Trichlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,3-Dichloroaniline	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,4,5-Trichlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2-Chloronaphthalene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2-Nitroaniline	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
1,4-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Dimethylphthalate	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
1,3-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,6-Dinitrotoluene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
1,2-Dinitrobenzene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Acenaphthylene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
3-Nitroaniline	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	

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Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-10**					
Laboratory ID:	09-278-10					
2,4-Dinitrophenol	**ND**	0.17	EPA 8270E	9-27-23	9-27-23	
Acenaphthene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
4-Nitrophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,4-Dinitrotoluene	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Dibenzofuran	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2,3,5,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
2,3,4,6-Tetrachlorophenol	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Diethylphthalate	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
4-Chlorophenyl-phenylether	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
4-Nitroaniline	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Fluorene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
4,6-Dinitro-2-methylphenol	**ND**	0.054	EPA 8270E	9-27-23	9-27-23	
n-Nitrosodiphenylamine	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
1,2-Diphenylhydrazine	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
4-Bromophenyl-phenylether	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Hexachlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Pentachlorophenol	**ND**	0.054	EPA 8270E	9-27-23	9-27-23	
Phenanthrene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Anthracene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Carbazole	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Di-n-butylphthalate	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
Fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Pyrene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Butylbenzylphthalate	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
bis-2-Ethylhexyladipate	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
3,3'-Dichlorobenzidine	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
Benzo[a]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Chrysene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
Di-n-octylphthalate	**ND**	0.021	EPA 8270E	9-27-23	9-27-23	
Benzo[b]fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Benzo(j,k)fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Benzo[a]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Dibenz[a,h]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Benzo[g,h,i]perylene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*75*	*11 - 111*				
Phenol-d6	*79*	*26 - 117*				
Nitrobenzene-d5	*74*	*31 - 111*				
2-Fluorobiphenyl	*78*	*38 - 109*				
2,4,6-Tribromophenol	*90*	*27 - 127*				
Terphenyl-d14	*74*	*37 - 116*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
QUALITY CONTROL
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0927S1					
n-Nitrosodimethylamine	**ND**	0.020	EPA 8270E	9-27-23	9-27-23	
Pyridine	**ND**	0.20	EPA 8270E	9-27-23	9-27-23	
Phenol	**ND**	0.020	EPA 8270E	9-27-23	9-27-23	
Aniline	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
bis(2-Chloroethyl)ether	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2-Chlorophenol	**ND**	0.020	EPA 8270E	9-27-23	9-27-23	
1,3-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
1,4-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Benzyl alcohol	**ND**	0.040	EPA 8270E	9-27-23	9-27-23	
1,2-Dichlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2-Methylphenol (o-Cresol)	**ND**	0.020	EPA 8270E	9-27-23	9-27-23	
bis(2-Chloroisopropyl)ether	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.020	EPA 8270E	9-27-23	9-27-23	
n-Nitroso-di-n-propylamine	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Hexachloroethane	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Nitrobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Isophorone	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2-Nitrophenol	**ND**	0.020	EPA 8270E	9-27-23	9-27-23	
2,4-Dimethylphenol	**ND**	0.020	EPA 8270E	9-27-23	9-27-23	
bis(2-Chloroethoxy)methane	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2,4-Dichlorophenol	**ND**	0.040	EPA 8270E	9-27-23	9-27-23	
1,2,4-Trichlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Naphthalene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
4-Chloroaniline	**ND**	0.040	EPA 8270E	9-27-23	9-27-23	
Hexachlorobutadiene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
4-Chloro-3-methylphenol	**ND**	0.020	EPA 8270E	9-27-23	9-27-23	
2-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
1-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Hexachlorocyclopentadiene	**ND**	0.040	EPA 8270E	9-27-23	9-27-23	
2,4,6-Trichlorophenol	**ND**	0.020	EPA 8270E	9-27-23	9-27-23	
2,3-Dichloroaniline	**ND**	0.020	EPA 8270E	9-27-23	9-27-23	
2,4,5-Trichlorophenol	**ND**	0.020	EPA 8270E	9-27-23	9-27-23	
2-Chloronaphthalene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2-Nitroaniline	**ND**	0.020	EPA 8270E	9-27-23	9-27-23	
1,4-Dinitrobenzene	**ND**	0.020	EPA 8270E	9-27-23	9-27-23	
Dimethylphthalate	**ND**	0.020	EPA 8270E	9-27-23	9-27-23	
1,3-Dinitrobenzene	**ND**	0.020	EPA 8270E	9-27-23	9-27-23	
2,6-Dinitrotoluene	**ND**	0.020	EPA 8270E	9-27-23	9-27-23	
1,2-Dinitrobenzene	**ND**	0.020	EPA 8270E	9-27-23	9-27-23	
Acenaphthylene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
3-Nitroaniline	**ND**	0.020	EPA 8270E	9-27-23	9-27-23	

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Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
QUALITY CONTROL
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0927S1					
2,4-Dinitrophenol	**ND**	0.16	EPA 8270E	9-27-23	9-27-23	
Acenaphthene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
4-Nitrophenol	**ND**	0.020	EPA 8270E	9-27-23	9-27-23	
2,4-Dinitrotoluene	**ND**	0.020	EPA 8270E	9-27-23	9-27-23	
Dibenzofuran	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
2,3,5,6-Tetrachlorophenol	**ND**	0.020	EPA 8270E	9-27-23	9-27-23	
2,3,4,6-Tetrachlorophenol	**ND**	0.020	EPA 8270E	9-27-23	9-27-23	
Diethylphthalate	**ND**	0.020	EPA 8270E	9-27-23	9-27-23	
4-Chlorophenyl-phenylether	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
4-Nitroaniline	**ND**	0.020	EPA 8270E	9-27-23	9-27-23	
Fluorene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
4,6-Dinitro-2-methylphenol	**ND**	0.052	EPA 8270E	9-27-23	9-27-23	
n-Nitrosodiphenylamine	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
1,2-Diphenylhydrazine	**ND**	0.020	EPA 8270E	9-27-23	9-27-23	
4-Bromophenyl-phenylether	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Hexachlorobenzene	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Pentachlorophenol	**ND**	0.051	EPA 8270E	9-27-23	9-27-23	
Phenanthrene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Anthracene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Carbazole	**ND**	0.010	EPA 8270E	9-27-23	9-27-23	
Di-n-butylphthalate	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
Fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Pyrene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Butylbenzylphthalate	**ND**	0.020	EPA 8270E	9-27-23	9-27-23	
bis-2-Ethylhexyladipate	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
3,3'-Dichlorobenzidine	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
Benzo[a]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Chrysene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	9-27-23	9-27-23	
Di-n-octylphthalate	**ND**	0.020	EPA 8270E	9-27-23	9-27-23	
Benzo[b]fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Benzo(j,k)fluoranthene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Benzo[a]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Dibenz[a,h]anthracene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Benzo[g,h,i]perylene	**ND**	0.0020	EPA 8270E/SIM	9-27-23	9-27-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*56*	*11 - 111*				
Phenol-d6	*60*	*26 - 117*				
Nitrobenzene-d5	*57*	*31 - 111*				
2-Fluorobiphenyl	*59*	*38 - 109*				
2,4,6-Tribromophenol	*67*	*27 - 127*				
Terphenyl-d14	*64*	*37 - 116*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
QUALITY CONTROL
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0927S1									
	SB	SBD	SB	SBD	SB	SBD				
n-Nitrosodimethylamine	**0.492**	**0.571**	0.667	0.667	74	86	20 - 120	15	30	
Pyridine	**0.385**	**0.491**	0.667	0.667	58	74	20 - 120	24	30	
Phenol	**0.486**	**0.581**	0.667	0.667	73	87	49 - 109	18	23	
Aniline	**0.525**	**0.633**	0.667	0.667	79	95	20 - 120	19	30	
bis(2-Chloroethyl)ether	**0.475**	**0.573**	0.667	0.667	71	86	20 - 120	19	30	
2-Chlorophenol	**0.496**	**0.587**	0.667	0.667	74	88	52 - 105	17	26	
1,3-Dichlorobenzene	**0.460**	**0.560**	0.667	0.667	69	84	20 - 120	20	30	
1,4-Dichlorobenzene	**0.443**	**0.548**	0.667	0.667	66	82	51 - 102	21	28	
Benzyl alcohol	**0.511**	**0.615**	0.667	0.667	77	92	20 - 120	18	30	
1,2-Dichlorobenzene	**0.463**	**0.572**	0.667	0.667	69	86	20 - 120	21	30	
2-Methylphenol (o-Cresol)	**0.510**	**0.611**	0.667	0.667	76	92	20 - 120	18	30	
bis(2-Chloroisopropyl)ether	**0.486**	**0.584**	0.667	0.667	73	88	20 - 120	18	30	
(3+4)-Methylphenol (m,p-Cresol)	**0.520**	**0.613**	0.667	0.667	78	92	20 - 120	16	30	
n-Nitroso-di-n-propylamine	**0.500**	**0.601**	0.667	0.667	75	90	46 - 111	18	25	
Hexachloroethane	**0.397**	**0.553**	0.667	0.667	60	83	20 - 120	33	30	L
Nitrobenzene	**0.495**	**0.604**	0.667	0.667	74	91	20 - 120	20	30	
Isophorone	**0.516**	**0.605**	0.667	0.667	77	91	20 - 120	16	30	
2-Nitrophenol	**0.495**	**0.620**	0.667	0.667	74	93	20 - 120	22	30	
2,4-Dimethylphenol	**0.655**	**0.778**	0.667	0.667	98	117	20 - 120	17	30	
bis(2-Chloroethoxy)methane	**0.509**	**0.601**	0.667	0.667	76	90	20 - 120	17	30	
2,4-Dichlorophenol	**0.528**	**0.598**	0.667	0.667	79	90	20 - 120	12	30	
1,2,4-Trichlorobenzene	**0.496**	**0.582**	0.667	0.667	74	87	52 - 106	16	28	
Naphthalene	**0.502**	**0.602**	0.667	0.667	75	90	20 - 120	18	30	
4-Chloroaniline	**0.534**	**0.600**	0.667	0.667	80	90	20 - 120	12	30	
Hexachlorobutadiene	**0.503**	**0.597**	0.667	0.667	75	90	20 - 120	17	30	
4-Chloro-3-methylphenol	**0.548**	**0.618**	0.667	0.667	82	93	54 - 112	12	20	
2-Methylnaphthalene	**0.524**	**0.603**	0.667	0.667	79	90	20 - 120	14	30	
1-Methylnaphthalene	**0.491**	**0.566**	0.667	0.667	74	85	20 - 120	14	30	
Hexachlorocyclopentadiene	**0.207**	**0.739**	0.667	0.667	31	111	20 - 120	112	30	L
2,4,6-Trichlorophenol	**0.553**	**0.650**	0.667	0.667	83	97	20 - 120	16	30	
2,3-Dichloroaniline	**0.523**	**0.629**	0.667	0.667	78	94	20 - 120	18	30	
2,4,5-Trichlorophenol	**0.560**	**0.668**	0.667	0.667	84	100	20 - 120	18	30	
2-Chloronaphthalene	**0.518**	**0.608**	0.667	0.667	78	91	20 - 120	16	30	
2-Nitroaniline	**0.568**	**0.653**	0.667	0.667	85	98	20 - 120	14	30	
1,4-Dinitrobenzene	**0.522**	**0.632**	0.667	0.667	78	95	20 - 120	19	30	
Dimethylphthalate	**0.543**	**0.622**	0.667	0.667	81	93	20 - 120	14	30	
1,3-Dinitrobenzene	**0.528**	**0.635**	0.667	0.667	79	95	20 - 120	18	30	
2,6-Dinitrotoluene	**0.519**	**0.634**	0.667	0.667	78	95	20 - 120	20	30	
1,2-Dinitrobenzene	**0.477**	**0.528**	0.667	0.667	72	79	20 - 120	10	30	
Acenaphthylene	**0.519**	**0.614**	0.667	0.667	78	92	20 - 120	17	30	
3-Nitroaniline	**0.516**	**0.587**	0.667	0.667	77	88	20 - 120	13	30	

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Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

SEMIVOLATILE ORGANICS EPA 8270E/SIM
QUALITY CONTROL
page 2 of 2

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0927S1									
	SB	SBD	SB	SBD	SB	SBD				
2,4-Dinitrophenol	**0.181**	**0.367**	0.667	0.667	27	55	20 - 120	68	30	L
Acenaphthene	**0.531**	**0.611**	0.667	0.667	80	92	55 - 101	14	20	
4-Nitrophenol	**0.484**	**0.672**	0.667	0.667	73	101	34 - 136	33	22	L
2,4-Dinitrotoluene	**0.549**	**0.654**	0.667	0.667	82	98	51 - 111	17	21	
Dibenzofuran	**0.535**	**0.610**	0.667	0.667	80	91	20 - 120	13	30	
2,3,5,6-Tetrachlorophenol	**0.501**	**0.566**	0.667	0.667	75	85	20 - 120	12	30	
2,3,4,6-Tetrachlorophenol	**0.548**	**0.621**	0.667	0.667	82	93	20 - 120	12	30	
Diethylphthalate	**0.545**	**0.618**	0.667	0.667	82	93	20 - 120	13	30	
4-Chlorophenyl-phenylether	**0.550**	**0.626**	0.667	0.667	82	94	20 - 120	13	30	
4-Nitroaniline	**0.549**	**0.637**	0.667	0.667	82	96	20 - 120	15	30	
Fluorene	**0.531**	**0.602**	0.667	0.667	80	90	20 - 120	13	30	
4,6-Dinitro-2-methylphenol	**0.222**	**0.506**	0.667	0.667	33	76	20 - 120	78	30	L
n-Nitrosodiphenylamine	**0.549**	**0.628**	0.667	0.667	82	94	20 - 120	13	30	
1,2-Diphenylhydrazine	**0.537**	**0.621**	0.667	0.667	81	93	20 - 120	15	30	
4-Bromophenyl-phenylether	**0.552**	**0.628**	0.667	0.667	83	94	20 - 120	13	30	
Hexachlorobenzene	**0.550**	**0.624**	0.667	0.667	82	94	20 - 120	13	30	
Pentachlorophenol	**0.503**	**0.496**	0.667	0.667	75	74	34 - 134	1	23	
Phenanthrene	**0.527**	**0.608**	0.667	0.667	79	91	20 - 120	14	30	
Anthracene	**0.565**	**0.630**	0.667	0.667	85	94	20 - 120	11	30	
Carbazole	**0.539**	**0.605**	0.667	0.667	81	91	20 - 120	12	30	
Di-n-butylphthalate	**0.562**	**0.652**	0.667	0.667	84	98	20 - 120	15	30	
Fluoranthene	**0.560**	**0.639**	0.667	0.667	84	96	20 - 120	13	30	
Pyrene	**0.517**	**0.622**	0.667	0.667	78	93	53 - 113	18	20	
Butylbenzylphthalate	**0.551**	**0.648**	0.667	0.667	83	97	20 - 120	16	30	
bis-2-Ethylhexyladipate	**0.562**	**0.674**	0.667	0.667	84	101	20 - 120	18	30	
3,3'-Dichlorobenzidine	**0.600**	**0.669**	0.667	0.667	90	100	20 - 120	11	30	
Benzo[a]anthracene	**0.534**	**0.620**	0.667	0.667	80	93	20 - 120	15	30	
Chrysene	**0.545**	**0.618**	0.667	0.667	82	93	20 - 120	13	30	
bis(2-Ethylhexyl)phthalate	**0.583**	**0.669**	0.667	0.667	87	100	20 - 120	14	30	
Di-n-octylphthalate	**0.626**	**0.718**	0.667	0.667	94	108	20 - 120	14	30	
Benzo[b]fluoranthene	**0.551**	**0.612**	0.667	0.667	83	92	20 - 120	10	30	
Benzo(j,k)fluoranthene	**0.565**	**0.660**	0.667	0.667	85	99	20 - 120	16	30	
Benzo[a]pyrene	**0.594**	**0.678**	0.667	0.667	89	102	20 - 120	13	30	
Indeno[1,2,3-cd]pyrene	**0.586**	**0.654**	0.667	0.667	88	98	20 - 120	11	30	
Dibenz[a,h]anthracene	**0.612**	**0.694**	0.667	0.667	92	104	20 - 120	13	30	
Benzo[g,h,i]perylene	**0.575**	**0.656**	0.667	0.667	86	98	20 - 120	13	30	
Surrogate:										
2-Fluorophenol					*74*	*89*	*11 - 111*			
Phenol-d6					*75*	*97*	*26 - 117*			
Nitrobenzene-d5					*73*	*90*	*31 - 111*			
2-Fluorobiphenyl					*77*	*92*	*38 - 109*			
2,4,6-Tribromophenol					*89*	*101*	*27 - 127*			
Terphenyl-d14					*74*	*90*	*37 - 116*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

PCBs EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-01**					
Laboratory ID:	09-278-01					
Aroclor 1016	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1221	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1232	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1242	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1248	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1254	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1260	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1262	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1268	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*77*	*50-127*				
Client ID:	**FS-092623-02**					
Laboratory ID:	09-278-02					
Aroclor 1016	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1221	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1232	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1242	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1248	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1254	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1260	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1262	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1268	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*83*	*50-127*				
Client ID:	**FS-092623-03**					
Laboratory ID:	09-278-03					
Aroclor 1016	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1221	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1232	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1242	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1248	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1254	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1260	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1262	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1268	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*84*	*50-127*				

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Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

PCBs EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-04**					
Laboratory ID:	09-278-04					
Aroclor 1016	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1221	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1232	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1242	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1248	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1254	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1260	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1262	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1268	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*89*	*50-127*				
Client ID:	**FS-092623-05**					
Laboratory ID:	09-278-05					
Aroclor 1016	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1221	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1232	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1242	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1248	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1254	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1260	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1262	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1268	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*76*	*50-127*				
Client ID:	**FS-092623-06**					
Laboratory ID:	09-278-06					
Aroclor 1016	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1221	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1232	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1242	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1248	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1254	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1260	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1262	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1268	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*81*	*50-127*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

PCBs EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-07**					
Laboratory ID:	09-278-07					
Aroclor 1016	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1221	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1232	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1242	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1248	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1254	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1260	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1262	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1268	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*84*	*50-127*				
Client ID:	**FS-092623-08**					
Laboratory ID:	09-278-08					
Aroclor 1016	**ND**	0.0041	EPA 8082A	9-28-23	9-29-23	
Aroclor 1221	**ND**	0.0041	EPA 8082A	9-28-23	9-29-23	
Aroclor 1232	**ND**	0.0041	EPA 8082A	9-28-23	9-29-23	
Aroclor 1242	**ND**	0.0041	EPA 8082A	9-28-23	9-29-23	
Aroclor 1248	**ND**	0.0041	EPA 8082A	9-28-23	9-29-23	
Aroclor 1254	**ND**	0.0041	EPA 8082A	9-28-23	9-29-23	
Aroclor 1260	**ND**	0.0041	EPA 8082A	9-28-23	9-29-23	
Aroclor 1262	**ND**	0.0041	EPA 8082A	9-28-23	9-29-23	
Aroclor 1268	**ND**	0.0041	EPA 8082A	9-28-23	9-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*83*	*50-127*				
Client ID:	**FS-092623-09**					
Laboratory ID:	09-278-09					
Aroclor 1016	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1221	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1232	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1242	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1248	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1254	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1260	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1262	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1268	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*84*	*50-127*				

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Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

PCBs EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-10**					
Laboratory ID:	09-278-10					
Aroclor 1016	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1221	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1232	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1242	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1248	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1254	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1260	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1262	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Aroclor 1268	**ND**	0.0042	EPA 8082A	9-28-23	9-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*88*	*50-127*				

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Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

PCBs EPA 8082A
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0928S1					
Aroclor 1016	**ND**	0.0040	EPA 8082A	9-28-23	9-28-23	
Aroclor 1221	**ND**	0.0040	EPA 8082A	9-28-23	9-28-23	
Aroclor 1232	**ND**	0.0040	EPA 8082A	9-28-23	9-28-23	
Aroclor 1242	**ND**	0.0040	EPA 8082A	9-28-23	9-28-23	
Aroclor 1248	**ND**	0.0040	EPA 8082A	9-28-23	9-28-23	
Aroclor 1254	**ND**	0.0040	EPA 8082A	9-28-23	9-28-23	
Aroclor 1260	**ND**	0.0040	EPA 8082A	9-28-23	9-28-23	
Aroclor 1262	**ND**	0.0040	EPA 8082A	9-28-23	9-28-23	
Aroclor 1268	**ND**	0.0040	EPA 8082A	9-28-23	9-28-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*95*	*50-127*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS											
Laboratory ID:	SB0928S1										
	SB	SBD	SB	SBD		SB	SBD				
Aroclor 1260	**0.379**	**0.411**	0.500	0.500	N/A	**76**	**82**	55-119	8	34	
Surrogate:											
DCB						*74*	*81*	*50-127*			

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Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

TOTAL METALS
EPA 6020B/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-01**					
Laboratory ID:	09-278-01					
Arsenic	**1.8**	0.52	EPA 6020B	10-2-23	10-2-23	
Cadmium	**ND**	0.052	EPA 6020B	10-2-23	10-2-23	
Chromium	**6.3**	0.52	EPA 6020B	10-2-23	10-2-23	
Cobalt	**3.8**	0.13	EPA 6020B	10-2-23	10-2-23	
Copper	**14**	0.52	EPA 6020B	10-2-23	10-2-23	
Lead	**1.4**	0.52	EPA 6020B	10-2-23	10-2-23	
Mercury	**ND**	0.052	EPA 7471B	9-28-23	9-28-23	
Nickel	**8.7**	0.52	EPA 6020B	10-2-23	10-2-23	
Selenium	**ND**	0.13	EPA 6020B	10-2-23	10-2-23	
Silver	**ND**	0.052	EPA 6020B	10-2-23	10-2-23	
Vanadium	**12**	0.52	EPA 6020B	10-2-23	10-2-23	
Zinc	**15**	0.52	EPA 6020B	10-2-23	10-2-23	
Client ID:	**FS-092623-02**					
Laboratory ID:	09-278-02					
Arsenic	**2.6**	0.52	EPA 6020B	10-2-23	10-2-23	
Cadmium	**ND**	0.052	EPA 6020B	10-2-23	10-2-23	
Chromium	**14**	0.52	EPA 6020B	10-2-23	10-2-23	
Cobalt	**5.8**	0.13	EPA 6020B	10-2-23	10-2-23	
Copper	**16**	0.52	EPA 6020B	10-2-23	10-2-23	
Lead	**1.7**	0.52	EPA 6020B	10-2-23	10-2-23	
Mercury	**ND**	0.052	EPA 7471B	9-28-23	9-28-23	
Nickel	**16**	0.52	EPA 6020B	10-2-23	10-2-23	
Selenium	**0.14**	0.13	EPA 6020B	10-2-23	10-2-23	
Silver	**ND**	0.052	EPA 6020B	10-2-23	10-2-23	
Vanadium	**22**	0.52	EPA 6020B	10-2-23	10-2-23	
Zinc	**23**	0.52	EPA 6020B	10-2-23	10-2-23	

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Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

TOTAL METALS
EPA 6020B/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-03**					
Laboratory ID:	09-278-03					
Arsenic	**2.3**	0.52	EPA 6020B	10-2-23	10-2-23	
Cadmium	**ND**	0.052	EPA 6020B	10-2-23	10-2-23	
Chromium	**11**	0.52	EPA 6020B	10-2-23	10-2-23	
Cobalt	**5.1**	0.13	EPA 6020B	10-2-23	10-2-23	
Copper	**15**	0.52	EPA 6020B	10-2-23	10-2-23	
Lead	**1.7**	0.52	EPA 6020B	10-2-23	10-2-23	
Mercury	**ND**	0.052	EPA 7471B	9-28-23	9-28-23	
Nickel	**14**	0.52	EPA 6020B	10-2-23	10-2-23	
Selenium	**ND**	0.13	EPA 6020B	10-2-23	10-2-23	
Silver	**ND**	0.052	EPA 6020B	10-2-23	10-2-23	
Vanadium	**18**	0.52	EPA 6020B	10-2-23	10-2-23	
Zinc	**22**	0.52	EPA 6020B	10-2-23	10-2-23	
Client ID:	**FS-092623-04**					
Laboratory ID:	09-278-04					
Arsenic	**1.9**	0.52	EPA 6020B	10-2-23	10-2-23	
Cadmium	**ND**	0.052	EPA 6020B	10-2-23	10-2-23	
Chromium	**8.0**	0.52	EPA 6020B	10-2-23	10-2-23	
Cobalt	**4.3**	0.13	EPA 6020B	10-2-23	10-2-23	
Copper	**12**	0.52	EPA 6020B	10-2-23	10-2-23	
Lead	**1.5**	0.52	EPA 6020B	10-2-23	10-2-23	
Mercury	**ND**	0.052	EPA 7471B	9-28-23	9-28-23	
Nickel	**11**	0.52	EPA 6020B	10-2-23	10-2-23	
Selenium	**ND**	0.13	EPA 6020B	10-2-23	10-2-23	
Silver	**ND**	0.052	EPA 6020B	10-2-23	10-2-23	
Vanadium	**13**	0.52	EPA 6020B	10-2-23	10-2-23	
Zinc	**18**	0.52	EPA 6020B	10-2-23	10-2-23	

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Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

TOTAL METALS
EPA 6020B/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-05**					
Laboratory ID:	09-278-05					
Arsenic	**1.5**	0.52	EPA 6020B	10-2-23	10-2-23	
Cadmium	**ND**	0.052	EPA 6020B	10-2-23	10-2-23	
Chromium	**5.3**	0.52	EPA 6020B	10-2-23	10-2-23	
Cobalt	**3.0**	0.13	EPA 6020B	10-2-23	10-2-23	
Copper	**9.5**	0.52	EPA 6020B	10-2-23	10-2-23	
Lead	**1.4**	0.52	EPA 6020B	10-2-23	10-2-23	
Mercury	**ND**	0.052	EPA 7471B	9-28-23	9-28-23	
Nickel	**8.3**	0.52	EPA 6020B	10-2-23	10-2-23	
Selenium	**ND**	0.13	EPA 6020B	10-2-23	10-2-23	
Silver	**ND**	0.052	EPA 6020B	10-2-23	10-2-23	
Vanadium	**8.3**	0.52	EPA 6020B	10-2-23	10-2-23	
Zinc	**13**	0.52	EPA 6020B	10-2-23	10-2-23	
Client ID:	**FS-092623-06**					
Laboratory ID:	09-278-06					
Arsenic	**2.4**	0.52	EPA 6020B	10-2-23	10-2-23	
Cadmium	**ND**	0.052	EPA 6020B	10-2-23	10-2-23	
Chromium	**11**	0.52	EPA 6020B	10-2-23	10-2-23	
Cobalt	**5.0**	0.13	EPA 6020B	10-2-23	10-2-23	
Copper	**16**	0.52	EPA 6020B	10-2-23	10-2-23	
Lead	**1.8**	0.52	EPA 6020B	10-2-23	10-2-23	
Mercury	**ND**	0.052	EPA 7471B	9-28-23	9-28-23	
Nickel	**14**	0.52	EPA 6020B	10-2-23	10-2-23	
Selenium	**0.18**	0.13	EPA 6020B	10-2-23	10-2-23	
Silver	**ND**	0.052	EPA 6020B	10-2-23	10-2-23	
Vanadium	**17**	0.52	EPA 6020B	10-2-23	10-2-23	
Zinc	**20**	0.52	EPA 6020B	10-2-23	10-2-23	

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Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

TOTAL METALS
EPA 6020B/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-07**					
Laboratory ID:	09-278-07					
Arsenic	**2.4**	0.52	EPA 6020B	10-2-23	10-2-23	
Cadmium	**ND**	0.052	EPA 6020B	10-2-23	10-2-23	
Chromium	**13**	0.52	EPA 6020B	10-2-23	10-2-23	
Cobalt	**4.9**	0.13	EPA 6020B	10-2-23	10-2-23	
Copper	**17**	0.52	EPA 6020B	10-2-23	10-2-23	
Lead	**1.7**	0.52	EPA 6020B	10-2-23	10-2-23	
Mercury	**ND**	0.052	EPA 7471B	9-28-23	9-28-23	
Nickel	**14**	0.52	EPA 6020B	10-2-23	10-2-23	
Selenium	**ND**	0.13	EPA 6020B	10-2-23	10-2-23	
Silver	**ND**	0.052	EPA 6020B	10-2-23	10-2-23	
Vanadium	**18**	0.52	EPA 6020B	10-2-23	10-2-23	
Zinc	**22**	0.52	EPA 6020B	10-2-23	10-2-23	
Client ID:	**FS-092623-08**					
Laboratory ID:	09-278-08					
Arsenic	**2.2**	0.52	EPA 6020B	10-2-23	10-2-23	
Cadmium	**ND**	0.052	EPA 6020B	10-2-23	10-2-23	
Chromium	**9.6**	0.52	EPA 6020B	10-2-23	10-2-23	
Cobalt	**4.8**	0.13	EPA 6020B	10-2-23	10-2-23	
Copper	**13**	0.52	EPA 6020B	10-2-23	10-2-23	
Lead	**1.8**	0.52	EPA 6020B	10-2-23	10-2-23	
Mercury	**ND**	0.052	EPA 7471B	9-28-23	9-28-23	
Nickel	**13**	0.52	EPA 6020B	10-2-23	10-2-23	
Selenium	**ND**	0.13	EPA 6020B	10-2-23	10-2-23	
Silver	**ND**	0.052	EPA 6020B	10-2-23	10-2-23	
Vanadium	**17**	0.52	EPA 6020B	10-2-23	10-2-23	
Zinc	**21**	0.52	EPA 6020B	10-2-23	10-2-23	

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Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

TOTAL METALS
EPA 6020B/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FS-092623-09**					
Laboratory ID:	09-278-09					
Arsenic	**2.3**	0.52	EPA 6020B	10-2-23	10-2-23	
Cadmium	**ND**	0.052	EPA 6020B	10-2-23	10-2-23	
Chromium	**10**	0.52	EPA 6020B	10-2-23	10-2-23	
Cobalt	**5.0**	0.13	EPA 6020B	10-2-23	10-2-23	
Copper	**15**	0.52	EPA 6020B	10-2-23	10-2-23	
Lead	**1.5**	0.52	EPA 6020B	10-2-23	10-2-23	
Mercury	**ND**	0.052	EPA 7471B	9-28-23	9-28-23	
Nickel	**13**	0.52	EPA 6020B	10-2-23	10-2-23	
Selenium	**0.14**	0.13	EPA 6020B	10-2-23	10-2-23	
Silver	**ND**	0.052	EPA 6020B	10-2-23	10-2-23	
Vanadium	**17**	0.52	EPA 6020B	10-2-23	10-2-23	
Zinc	**22**	0.52	EPA 6020B	10-2-23	10-2-23	
Client ID:	**FS-092623-10**					
Laboratory ID:	09-278-10					
Arsenic	**2.4**	0.52	EPA 6020B	10-2-23	10-2-23	
Cadmium	**ND**	0.052	EPA 6020B	10-2-23	10-2-23	
Chromium	**11**	0.52	EPA 6020B	10-2-23	10-2-23	
Cobalt	**5.2**	0.13	EPA 6020B	10-2-23	10-2-23	
Copper	**15**	0.52	EPA 6020B	10-2-23	10-2-23	
Lead	**1.8**	0.52	EPA 6020B	10-2-23	10-2-23	
Mercury	**ND**	0.052	EPA 7471B	9-28-23	9-28-23	
Nickel	**15**	0.52	EPA 6020B	10-2-23	10-2-23	
Selenium	**0.14**	0.13	EPA 6020B	10-2-23	10-2-23	
Silver	**ND**	0.052	EPA 6020B	10-2-23	10-2-23	
Vanadium	**21**	0.52	EPA 6020B	10-2-23	10-2-23	
Zinc	**24**	0.52	EPA 6020B	10-2-23	10-2-23	

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Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

TOTAL METALS
EPA 6020B/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1002SM1					
Arsenic	**ND**	0.500	EPA 6020B	10-2-23	10-2-23	
Cadmium	**ND**	0.0500	EPA 6020B	10-2-23	10-2-23	
Chromium	**ND**	0.500	EPA 6020B	10-2-23	10-2-23	
Cobalt	**ND**	0.125	EPA 6020B	10-2-23	10-2-23	
Copper	**ND**	0.500	EPA 6020B	10-2-23	10-2-23	
Lead	**ND**	0.500	EPA 6020B	10-2-23	10-2-23	
Nickel	**ND**	0.500	EPA 6020B	10-2-23	10-2-23	
Selenium	**ND**	0.125	EPA 6020B	10-2-23	10-2-23	
Silver	**ND**	0.0500	EPA 6020B	10-2-23	10-2-23	
Vanadium	**ND**	0.500	EPA 6020B	10-2-23	10-2-23	
Zinc	**ND**	0.500	EPA 6020B	10-2-23	10-2-23	
Laboratory ID:	MB0928S3					
Mercury	**ND**	0.0500	EPA 7471B	9-28-23	9-28-23	

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Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

TOTAL METALS
EPA 6020B/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	09-278-01										
	ORIG	DUP									
Arsenic	**1.69**	**1.58**	NA	NA		NA		NA	7	20	
Cadmium	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Chromium	**6.03**	**5.88**	NA	NA		NA		NA	3	20	
Cobalt	**3.58**	**3.35**	NA	NA		NA		NA	6	20	
Copper	**13.6**	**13.8**	NA	NA		NA		NA	1	20	
Lead	**1.31**	**1.17**	NA	NA		NA		NA	11	20	
Nickel	**8.35**	**7.90**	NA	NA		NA		NA	6	20	
Selenium	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Silver	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Vanadium	**11.2**	**10.3**	NA	NA		NA		NA	8	20	
Zinc	**14.1**	**12.9**	NA	NA		NA		NA	9	20	
Laboratory ID:	09-278-01										
Mercury	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	09-278-01										
	MS	MSD	MS	MSD		MS	MSD				
Arsenic	**103**	**96.5**	100	100	1.69	**101**	**95**	75-125	6	20	
Cadmium	**47.6**	**44.9**	50.0	50.0	ND	**95**	**90**	75-125	6	20	
Chromium	**106**	**99.0**	100	100	6.03	**100**	**93**	75-125	6	20	
Cobalt	**55.0**	**53.5**	50.0	50.0	3.58	**103**	**100**	75-125	3	20	
Copper	**58.0**	**55.5**	50.0	50.0	13.6	**89**	**84**	75-125	4	20	
Lead	**258**	**245**	250	250	1.31	**102**	**98**	75-125	5	20	
Nickel	**103**	**104**	100	100	8.35	**95**	**96**	75-125	1	20	
Selenium	**109**	**101**	100	100	ND	**109**	**101**	75-125	8	20	
Silver	**23.7**	**22.7**	25.0	25.0	ND	**95**	**91**	75-125	5	20	
Vanadium	**58.5**	**58.5**	50.0	50.0	11.2	**95**	**95**	75-125	0	20	
Zinc	**116**	**110**	100	100	14.1	**101**	**96**	75-125	5	20	
Laboratory ID:	09-278-01										
Mercury	**0.500**	**0.505**	0.500	0.500	ND	**100**	**101**	80-120	1	20	

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Date of Report: October 3, 2023
Samples Submitted: September 26, 2023
Laboratory Reference: 2309-278
Project: Jorgenson Import Fill Sampling

% MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
FS-092623-01	09-278-01	**4**	9-27-23
FS-092623-02	09-278-02	**4**	9-27-23
FS-092623-03	09-278-03	**4**	9-27-23
FS-092623-04	09-278-04	**4**	9-27-23
FS-092623-05	09-278-05	**4**	9-27-23
FS-092623-06	09-278-06	**4**	9-27-23
FS-092623-07	09-278-07	**4**	9-27-23
FS-092623-08	09-278-08	**4**	9-27-23
FS-092623-09	09-278-09	**5**	9-27-23
FS-092623-10	09-278-10	**5**	9-27-23

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Chain of Custody

Page 1 of 1

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: OH Environmental
Project Number:
Project Name: Jorgenson Import Fill Sampling
Project Manager: O. Hill
Sampled by: T. Forslund / B. Johnson

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☐ Standard (7 Days)
☒ 5 days (other)

Laboratory Number: 09-278

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (SG Clean-up ☐)	Volatiles 8260	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total ~~RCRA~~ Metals (see list)	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664					% Moisture
1	FS-092623-01	9-26-23	0930	Soil	5			X	X	X			X		X				X								X
2	FS-092623-02		0935																								
3	FS-092623-03		0940																								
4	FS-092623-04		0945																								
5	FS-092623-05		0950																								
6	FS-092623-06		0955																								
7	FS-092623-07		1000																								
8	FS-092623-08		1005																								
9	FS-092623-09		1010																								
10	FS-092623-10		1015																								

	Signature	Company	Date	Time
Relinquished		OH Env.	9-26-23	1310
Received		OSR	9/26/23	1,310
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
* As, Cd, Cr, Cu, Pb, Hg, Ni, Se, Ag, V, Zn, and Co.

Data Package: Standard ☐ Level III ☐ Level IV ☐

Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

Date	Ticket	Time	Customer Name	Description	Product Name	Qty	Unit
8/31/2023	150036936	9:30 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.31	Ton
8/31/2023	150036939	9:36 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.31	Ton
8/31/2023	150036947	9:49 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.70	Ton
8/31/2023	150036994	11:05 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.65	Ton
8/31/2023	150036997	11:16 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.65	Ton
8/31/2023	150037001	11:35 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.18	Ton
8/31/2023	150037039	12:38 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.42	Ton
8/31/2023	150037048	1:00 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.56	Ton
8/31/2023	150037058	1:24 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.45	Ton
8/31/2023	150037071	2:48 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.14	Ton
8/31/2023	150037072	2:51 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.73	Ton
9/1/2023	150037095	7:11 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.78	Ton
9/1/2023	150037096	7:14 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.40	Ton
9/1/2023	150037102	7:24 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.10	Ton
9/1/2023	150037122	8:49 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.28	Ton
9/1/2023	150037129	9:03 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.21	Ton
9/1/2023	150037130	9:05 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.97	Ton
9/1/2023	150037144	10:13 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.80	Ton
9/1/2023	150037152	10:35 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.74	Ton
9/1/2023	150037154	10:40 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.75	Ton
9/1/2023	150037167	11:39 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.30	Ton
9/1/2023	150037181	12:14 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.62	Ton
9/1/2023	150037182	12:16 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.12	Ton
9/6/2023	150037428	8:34 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.45	Ton
9/6/2023	150037431	8:42 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.78	Ton
9/6/2023	150037451	9:56 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.28	Ton
9/6/2023	150037453	9:58 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.52	Ton
9/6/2023	150037464	10:32 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.45	Ton
9/6/2023	150037478	11:02 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.06	Ton
9/6/2023	150037483	11:17 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.69	Ton
9/6/2023	150037491	11:53 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.48	Ton
9/6/2023	150037493	11:55 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.17	Ton
9/6/2023	150037501	12:15 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.63	Ton
9/6/2023	150037515	12:51 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.81	Ton
9/6/2023	150037524	1:24 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.14	Ton
9/7/2023	150037567	6:40 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.62	Ton
9/7/2023	150037568	6:42 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.29	Ton
9/7/2023	150037593	8:07 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.61	Ton
9/7/2023	150037594	8:09 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.53	Ton
9/7/2023	150037600	8:26 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.90	Ton
9/7/2023	150037646	10:07 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.67	Ton
9/7/2023	150037648	10:14 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.36	Ton
9/7/2023	150037650	10:17 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.97	Ton
9/7/2023	150037697	11:49 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.77	Ton
9/7/2023	150037699	11:55 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.00	Ton
9/7/2023	150037700	11:55 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.01	Ton
9/7/2023	150037734	1:16 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.99	Ton
9/7/2023	150037749	1:45 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.16	Ton
9/7/2023	150037750	1:46 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.81	Ton
9/8/2023	150037803	6:49 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.78	Ton
9/8/2023	150037807	7:00 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.77	Ton
9/8/2023	150037845	8:43 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.12	Ton
9/8/2023	150037849	8:52 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.91	Ton
9/8/2023	150037889	10:36 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.64	Ton
9/8/2023	150037890	10:38 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.74	Ton
9/8/2023	150037941	12:52 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.01	Ton
9/8/2023	150037943	12:55 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.84	Ton
9/11/2023	150038008	7:01 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.61	Ton
9/11/2023	150038009	7:02 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.95	Ton
9/11/2023	150038010	7:04 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.03	Ton
9/11/2023	150038011	7:07 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.54	Ton
9/11/2023	150038012	7:08 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.44	Ton
9/11/2023	150038013	7:09 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.55	Ton
9/11/2023	150038075	9:13 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.15	Ton
9/11/2023	150038083	9:26 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.68	Ton
9/11/2023	150038084	9:27 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.95	Ton
9/11/2023	150038087	9:30 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.02	Ton
9/11/2023	150038088	9:31 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.82	Ton
9/11/2023	150038090	9:32 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.49	Ton
9/11/2023	150038144	11:02 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.78	Ton
9/11/2023	150038149	11:11 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.42	Ton
9/11/2023	150038154	11:25 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.15	Ton
9/11/2023	150038155	11:26 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.90	Ton
9/11/2023	150038168	11:51 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.91	Ton
9/11/2023	150038173	12:03 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.42	Ton
9/11/2023	150038203	1:08 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.10	Ton
9/11/2023	150038205	1:11 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.67	Ton
9/11/2023	150038210	1:22 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.08	Ton
9/11/2023	150038212	1:23 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.20	Ton
9/11/2023	150038217	1:29 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.56	Ton
9/11/2023	150038225	1:58 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	0.00	Ton
9/11/2023	150038228	2:01 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.57	Ton
9/12/2023	150038262	6:42 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.64	Ton
9/12/2023	150038263	6:49 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.98	Ton
9/12/2023	150038264	6:51 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.60	Ton
9/12/2023	150038319	8:59 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.58	Ton
9/12/2023	150038324	9:04 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.78	Ton
9/12/2023	150038373	10:33 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.84	Ton
9/12/2023	150038390	10:57 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.75	Ton
9/12/2023	150038396	11:12 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.06	Ton
9/12/2023	150038440	12:27 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.78	Ton
9/12/2023	150038451	12:48 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.23	Ton
9/12/2023	150038461	1:04 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.61	Ton
9/13/2023	150038550	7:00 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.16	Ton
9/13/2023	150038558	7:12 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.47	Ton
9/13/2023	150038559	7:14 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.76	Ton
9/13/2023	150038561	7:17 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.78	Ton
9/13/2023	150038618	9:22 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.93	Ton
9/13/2023	150038626	9:33 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.40	Ton
9/13/2023	150038642	9:58 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.56	Ton
9/13/2023	150038644	10:01 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.43	Ton
9/13/2023	150038663	10:52 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.20	Ton
9/13/2023	150038675	11:19 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.94	Ton
9/13/2023	150038688	11:54 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.71	Ton

9/13/2023	150038689	11:55 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.20	Ton
9/13/2023	150038716	12:50 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.83	Ton
9/13/2023	150038726	1:12 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.29	Ton
9/13/2023	150038750	3:13 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.22	Ton
9/13/2023	150038751	3:14 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.48	Ton
9/14/2023	150038802	7:15 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.33	Ton
9/14/2023	150038803	7:15 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.47	Ton
9/14/2023	150038804	7:19 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.06	Ton
9/14/2023	150038805	7:20 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.29	Ton
9/14/2023	150038826	8:00 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.37	Ton
9/14/2023	150038837	8:19 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.91	Ton
9/14/2023	150038843	8:27 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.11	Ton
9/14/2023	150038844	8:30 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.48	Ton
9/14/2023	150038873	9:21 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	26.90	Ton
9/14/2023	150038913	10:32 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.86	Ton
9/14/2023	150038914	10:35 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.72	Ton
9/14/2023	150038925	10:56 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.33	Ton
9/14/2023	150038926	10:57 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.01	Ton
9/14/2023	150038963	12:10 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.76	Ton
9/14/2023	150038966	12:14 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.15	Ton
9/14/2023	150039008	1:10 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.81	Ton
9/14/2023	150039009	1:12 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	26.82	Ton
9/14/2023	150039011	1:14 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.40	Ton
9/14/2023	150039035	1:59 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.21	Ton
9/15/2023	150039068	6:19 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.11	Ton
9/15/2023	150039071	6:25 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.18	Ton
9/15/2023	150039075	6:36 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.53	Ton
9/15/2023	150039076	6:36 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	23.43	Ton
9/15/2023	150039078	6:38 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.79	Ton
9/15/2023	150039123	8:05 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.80	Ton
9/15/2023	150039124	8:06 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.71	Ton
9/15/2023	150039127	8:08 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.20	Ton
9/15/2023	150039134	8:19 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.53	Ton
9/15/2023	150039135	8:20 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.09	Ton
9/15/2023	150039141	8:32 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.31	Ton
9/15/2023	150039193	9:54 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.33	Ton
9/15/2023	150039194	9:55 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.57	Ton
9/15/2023	150039196	9:59 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.24	Ton
9/15/2023	150039204	10:22 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.03	Ton
9/15/2023	150039205	10:23 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.98	Ton
9/15/2023	150039227	10:53 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.96	Ton
9/15/2023	150039250	11:26 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.58	Ton
9/15/2023	150039251	11:27 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.66	Ton
9/15/2023	150039263	11:56 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.79	Ton
9/15/2023	150039275	12:13 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.94	Ton
9/15/2023	150039276	12:13 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.35	Ton
9/15/2023	150039303	12:39 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.04	Ton
9/15/2023	150039324	1:23 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.84	Ton
9/15/2023	150039331	1:31 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.00	Ton
9/18/2023	150039389	6:40 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.72	Ton
9/18/2023	150039391	6:42 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.40	Ton
9/18/2023	150039392	6:44 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	26.65	Ton
9/18/2023	150039394	6:46 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.57	Ton
9/18/2023	150039395	6:47 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.24	Ton
9/18/2023	150039396	6:51 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.83	Ton
9/18/2023	150039458	8:41 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.52	Ton
9/18/2023	150039467	8:56 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.51	Ton
9/18/2023	150039483	9:10 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.18	Ton
9/18/2023	150039484	9:11 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.89	Ton
9/18/2023	150039486	9:14 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.11	Ton
9/18/2023	150039487	9:15 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.03	Ton
9/18/2023	150039531	10:35 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	21.82	Ton
9/18/2023	150039548	11:12 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.90	Ton
9/18/2023	150039549	11:13 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.22	Ton
9/18/2023	150039552	11:15 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.79	Ton
9/18/2023	150039562	11:24 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.89	Ton
9/18/2023	150039587	12:01 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.09	Ton
9/18/2023	150039591	12:07 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.94	Ton
9/18/2023	150039635	1:15 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.94	Ton
9/18/2023	150039651	1:37 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.10	Ton
9/18/2023	150039660	1:46 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	26.22	Ton
9/18/2023	150039662	1:48 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.89	Ton
9/18/2023	150039663	1:50 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.09	Ton
9/18/2023	150039665	1:53 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.89	Ton
9/19/2023	150039695	6:17 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.41	Ton
9/19/2023	150039696	6:19 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.15	Ton
9/19/2023	150039701	6:26 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	31.44	Ton
9/19/2023	150039703	6:30 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.53	Ton
9/19/2023	150039707	6:34 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.22	Ton
9/19/2023	150039709	6:39 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.39	Ton
9/19/2023	150039710	6:39 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.82	Ton
9/19/2023	150039743	8:13 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.69	Ton
9/19/2023	150039747	8:19 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.94	Ton
9/19/2023	150039749	8:21 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.10	Ton
9/19/2023	150039761	8:35 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.07	Ton
9/19/2023	150039762	8:36 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.52	Ton
9/19/2023	150039771	8:55 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.57	Ton
9/19/2023	150039773	8:56 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.04	Ton
9/19/2023	150039807	10:06 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	31.11	Ton
9/19/2023	150039809	10:08 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.93	Ton
9/19/2023	150039817	10:21 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.58	Ton
9/19/2023	150039818	10:24 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.92	Ton
9/19/2023	150039819	10:25 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.66	Ton
9/19/2023	150039836	11:04 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.05	Ton
9/19/2023	150039861	11:42 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.26	Ton
9/19/2023	150039862	11:45 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.44	Ton
9/19/2023	150039868	11:54 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.23	Ton
9/19/2023	150039869	11:56 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.91	Ton
9/19/2023	150039881	12:30 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.91	Ton
9/19/2023	150039882	12:32 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.71	Ton
9/19/2023	150039903	1:08 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.05	Ton
9/19/2023	150039907	1:20 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.46	Ton
9/19/2023	150039908	1:21 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.90	Ton
9/19/2023	150039911	1:28 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.42	Ton
9/19/2023	150039913	1:31 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.41	Ton

9/20/2023	150039962	6:39 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	31.08	Ton
9/20/2023	150039964	6:40 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.57	Ton
9/20/2023	150039966	6:42 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.20	Ton
9/20/2023	150039967	6:44 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.03	Ton
9/20/2023	150039968	6:46 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	31.36	Ton
9/20/2023	150039970	6:47 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.00	Ton
9/20/2023	150039972	6:50 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.21	Ton
9/20/2023	150039973	6:50 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.73	Ton
9/20/2023	150040047	8:57 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.41	Ton
9/20/2023	150040061	9:19 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.21	Ton
9/20/2023	150040063	9:21 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.63	Ton
9/20/2023	150040065	9:22 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	31.44	Ton
9/20/2023	150040076	9:33 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.76	Ton
9/20/2023	150040077	9:33 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.20	Ton
9/20/2023	150040079	9:39 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.57	Ton
9/20/2023	150040082	9:42 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	31.10	Ton
9/20/2023	150040133	11:00 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	32.21	Ton
9/20/2023	150040139	11:06 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.00	Ton
9/20/2023	150040151	11:17 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	31.28	Ton
9/20/2023	150040152	11:18 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.82	Ton
9/20/2023	150040177	11:38 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.53	Ton
9/20/2023	150040185	11:45 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.01	Ton
9/20/2023	150040187	11:48 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.46	Ton
9/20/2023	150040189	11:51 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.35	Ton
9/20/2023	150040232	12:47 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	31.05	Ton
9/20/2023	150040242	1:00 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.47	Ton
9/20/2023	150040244	1:03 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	31.53	Ton
9/20/2023	150040246	1:05 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.42	Ton
9/20/2023	150040268	1:29 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.30	Ton
9/20/2023	150040270	1:32 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.90	Ton
9/20/2023	150040282	1:42 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.02	Ton
9/20/2023	150040284	1:43 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.21	Ton
9/20/2023	150040315	2:37 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.78	Ton
9/20/2023	150040323	2:55 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.02	Ton
9/21/2023	150040354	6:42 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.60	Ton
9/21/2023	150040360	6:49 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.15	Ton
9/21/2023	150040389	7:27 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.70	Ton
9/21/2023	150040449	9:22 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.22	Ton
9/21/2023	150040451	9:23 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.31	Ton
9/21/2023	150040473	9:47 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.22	Ton
9/21/2023	150040536	11:19 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.08	Ton
9/21/2023	150040537	11:21 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.52	Ton
9/21/2023	150040560	11:54 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.29	Ton
9/21/2023	150040628	1:25 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.97	Ton
9/21/2023	150040630	1:26 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.89	Ton
9/21/2023	150040640	1:36 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.47	Ton
9/22/2023	150040717	6:38 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.08	Ton
9/22/2023	150040718	6:40 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.38	Ton
9/22/2023	150040721	6:42 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.51	Ton
9/22/2023	150040762	7:48 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	31.00	Ton
9/22/2023	150040806	8:53 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.92	Ton
9/22/2023	150040807	8:53 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.18	Ton
9/22/2023	150040809	8:56 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.74	Ton
9/22/2023	150040832	9:30 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.08	Ton
9/22/2023	150040870	10:32 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.77	Ton
9/22/2023	150040872	10:33 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.34	Ton
9/22/2023	150040884	10:55 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.84	Ton
9/22/2023	150040886	11:02 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.75	Ton
9/22/2023	150040938	12:23 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.90	Ton
9/22/2023	150040939	12:24 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.44	Ton
9/22/2023	150040953	12:45 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.73	Ton
9/25/2023	150041139	6:31 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.51	Ton
9/25/2023	150041140	6:34 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.41	Ton
9/25/2023	150041143	6:37 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	26.96	Ton
9/25/2023	150041145	6:38 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.15	Ton
9/25/2023	150041155	6:50 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.47	Ton
9/25/2023	150041157	6:52 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.03	Ton
9/25/2023	150041224	8:44 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.73	Ton
9/25/2023	150041233	9:00 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.44	Ton
9/25/2023	150041234	9:02 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.86	Ton
9/25/2023	150041267	9:44 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.35	Ton
9/25/2023	150041269	9:45 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.91	Ton
9/25/2023	150041270	9:47 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.32	Ton
9/25/2023	150041309	10:42 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.04	Ton
9/25/2023	150041320	10:52 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	31.07	Ton
9/25/2023	150041328	10:58 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.63	Ton
9/25/2023	150041365	11:32 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.86	Ton
9/25/2023	150041366	11:33 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.75	Ton
9/25/2023	150041367	11:35 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.23	Ton
9/25/2023	150041399	12:16 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.89	Ton
9/25/2023	150041449	1:13 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.87	Ton
9/25/2023	150041450	1:14 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.69	Ton
9/25/2023	150041451	1:17 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.35	Ton
9/25/2023	150041453	1:18 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.60	Ton
9/25/2023	150041482	1:59 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.80	Ton
9/26/2023	150041544	6:50 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.39	Ton
9/26/2023	150041546	6:51 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.58	Ton
9/26/2023	150041552	6:56 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.93	Ton
9/26/2023	150041553	6:57 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.52	Ton
9/26/2023	150041554	6:58 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	25.91	Ton
9/26/2023	150041556	7:00 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.01	Ton
9/26/2023	150041605	8:53 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.56	Ton
9/26/2023	150041615	9:08 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.70	Ton
9/26/2023	150041617	9:10 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.97	Ton
9/26/2023	150041619	9:12 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.70	Ton
9/26/2023	150041627	9:26 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.89	Ton
9/26/2023	150041642	9:46 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.96	Ton
9/26/2023	150041671	10:32 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.05	Ton
9/26/2023	150041679	10:44 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.27	Ton
9/26/2023	150041693	11:19 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.18	Ton
9/26/2023	150041695	11:24 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.05	Ton
9/26/2023	150041707	11:53 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.46	Ton
9/26/2023	150041708	11:56 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.93	Ton
9/26/2023	150041722	12:16 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.76	Ton
9/26/2023	150041736	12:41 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.84	Ton

9/26/2023	150041750	1:17 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.67	Ton
9/26/2023	150041752	1:18 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.31	Ton
9/26/2023	150041770	1:54 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.96	Ton
9/27/2023	150041810	6:29 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.52	Ton
9/27/2023	150041812	6:30 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.14	Ton
9/27/2023	150041814	6:31 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.10	Ton
9/27/2023	150041818	6:34 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.73	Ton
9/27/2023	150041821	6:38 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.01	Ton
9/27/2023	150041837	6:53 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.33	Ton
9/27/2023	150041891	8:47 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.46	Ton
9/27/2023	150041893	8:57 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.76	Ton
9/27/2023	150041900	9:07 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.02	Ton
9/27/2023	150041901	9:09 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.15	Ton
9/27/2023	150041902	9:12 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.92	Ton
9/27/2023	150041908	9:19 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.73	Ton
9/27/2023	150041972	11:21 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.97	Ton
9/27/2023	150041974	11:23 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.16	Ton
9/27/2023	150041983	11:35 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.55	Ton
9/27/2023	150042005	11:58 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	31.12	Ton
9/27/2023	150042006	11:59 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.04	Ton
9/27/2023	150042008	12:01 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.20	Ton
9/27/2023	150042010	12:05 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.94	Ton
9/27/2023	150042041	12:59 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.39	Ton
9/27/2023	150042049	1:18 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.74	Ton
9/27/2023	150042050	1:19 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.87	Ton
9/27/2023	150042060	1:30 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	31.56	Ton
9/27/2023	150042064	1:40 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.06	Ton
9/27/2023	150042065	1:41 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.31	Ton
9/27/2023	150042078	2:04 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.98	Ton
9/28/2023	150042145	7:02 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.07	Ton
9/28/2023	150042147	7:06 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.05	Ton
9/28/2023	150042149	7:07 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.35	Ton
9/28/2023	150042151	7:09 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.05	Ton
9/28/2023	150042154	7:11 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.57	Ton
9/28/2023	150042155	7:13 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.92	Ton
9/28/2023	150042158	7:16 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.03	Ton
9/28/2023	150042160	7:19 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.65	Ton
9/28/2023	150042217	9:19 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.64	Ton
9/28/2023	150042218	9:21 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.78	Ton
9/28/2023	150042220	9:25 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.59	Ton
9/28/2023	150042236	9:55 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.45	Ton
9/28/2023	150042242	10:02 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.84	Ton
9/28/2023	150042244	10:06 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.68	Ton
9/28/2023	150042245	10:07 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.36	Ton
9/28/2023	150042246	10:08 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.44	Ton
9/28/2023	150042270	11:07 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.33	Ton
9/28/2023	150042271	11:11 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.30	Ton
9/28/2023	150042277	11:27 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.17	Ton
9/28/2023	150042284	11:42 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.27	Ton
9/28/2023	150042285	11:44 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.52	Ton
9/28/2023	150042288	11:54 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	31.72	Ton
9/28/2023	150042293	12:14 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.42	Ton
9/28/2023	150042299	12:42 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.14	Ton
9/28/2023	150042303	1:01 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.01	Ton
9/28/2023	150042307	1:09 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.62	Ton
9/28/2023	150042310	1:17 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	31.00	Ton
9/28/2023	150042314	1:25 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.71	Ton
9/28/2023	150042319	1:39 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.40	Ton
9/28/2023	150042326	1:59 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.95	Ton
9/28/2023	150042337	2:36 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.96	Ton
10/2/2023	150042547	6:23 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	26.87	Ton
10/2/2023	150042549	6:25 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	25.42	Ton
10/2/2023	150042551	6:27 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.30	Ton
10/2/2023	150042553	6:34 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.48	Ton
10/2/2023	150042554	6:35 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.38	Ton
10/2/2023	150042555	6:36 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.61	Ton
10/2/2023	150042556	6:39 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.16	Ton
10/2/2023	150042560	6:46 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.43	Ton
10/2/2023	150042595	8:27 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.35	Ton
10/2/2023	150042602	8:38 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.89	Ton
10/2/2023	150042607	8:44 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.21	Ton
10/2/2023	150042609	8:45 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.12	Ton
10/2/2023	150042611	8:53 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.84	Ton
10/2/2023	150042612	8:54 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.42	Ton
10/2/2023	150042625	9:08 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.34	Ton
10/2/2023	150042627	9:10 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.40	Ton
10/2/2023	150042654	10:17 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.04	Ton
10/2/2023	150042656	10:18 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.59	Ton
10/2/2023	150042660	10:26 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.26	Ton
10/2/2023	150042661	10:28 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.03	Ton
10/2/2023	150042672	10:55 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.43	Ton
10/2/2023	150042674	10:57 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.08	Ton
10/2/2023	150042702	11:54 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.98	Ton
10/2/2023	150042703	11:55 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.76	Ton
10/2/2023	150042706	12:14 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.38	Ton
10/2/2023	150042708	12:15 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.35	Ton
10/2/2023	150042709	12:17 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.91	Ton
10/2/2023	150042711	12:21 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.94	Ton
10/2/2023	150042715	12:33 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.86	Ton
10/2/2023	150042722	12:51 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.22	Ton
10/2/2023	150042734	1:39 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.60	Ton
10/3/2023	150042757	6:18 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	26.80	Ton
10/3/2023	150042759	6:20 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.40	Ton
10/3/2023	150042761	6:22 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	26.72	Ton
10/3/2023	150042763	6:25 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.34	Ton
10/3/2023	150042765	6:28 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.58	Ton
10/3/2023	150042770	6:35 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	26.47	Ton
10/3/2023	150042772	6:38 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.14	Ton
10/3/2023	150042781	6:53 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.88	Ton
10/3/2023	150042783	6:55 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	31.01	Ton
10/3/2023	150042814	8:17 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.13	Ton
10/3/2023	150042823	8:42 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.41	Ton
10/3/2023	150042825	8:45 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.42	Ton
10/3/2023	150042826	8:46 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.03	Ton
10/3/2023	150042835	8:59 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.61	Ton

10/3/2023	150042843	9:08 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.49	Ton
10/3/2023	150042844	9:12 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.64	Ton
10/3/2023	150042857	9:43 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.88	Ton
10/3/2023	150042863	9:52 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.84	Ton
10/3/2023	150042893	10:57 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.50	Ton
10/3/2023	150042894	10:58 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.04	Ton
10/3/2023	150042895	10:59 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.98	Ton
10/3/2023	150042900	11:15 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	31.06	Ton
10/3/2023	150042911	11:37 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.40	Ton
10/3/2023	150042912	11:39 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.95	Ton
10/3/2023	150042915	11:41 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.84	Ton
10/3/2023	150042925	12:03 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.27	Ton
10/3/2023	150042928	12:07 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.72	Ton
10/3/2023	150042961	12:55 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.23	Ton
10/3/2023	150042963	12:57 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.31	Ton
10/3/2023	150042965	12:59 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.44	Ton
10/3/2023	150042971	1:06 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.56	Ton
10/3/2023	150042977	1:22 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.86	Ton
10/3/2023	150042979	1:24 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.51	Ton
10/3/2023	150042989	1:38 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.90	Ton
10/4/2023	150043023	6:25 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.52	Ton
10/4/2023	150043025	6:28 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.05	Ton
10/4/2023	150043026	6:29 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.65	Ton
10/4/2023	150043028	6:32 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.12	Ton
10/4/2023	150043029	6:34 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.65	Ton
10/4/2023	150043031	6:36 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.54	Ton
10/4/2023	150043035	6:44 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.69	Ton
10/4/2023	150043064	8:39 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.87	Ton
10/4/2023	150043067	8:45 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.26	Ton
10/4/2023	150043072	8:54 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.68	Ton
10/4/2023	150043074	8:56 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.74	Ton
10/4/2023	150043078	9:07 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.19	Ton
10/4/2023	150043079	9:09 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.19	Ton
10/4/2023	150043094	9:46 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.15	Ton
10/4/2023	150043114	10:38 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.31	Ton
10/4/2023	150043121	10:55 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.38	Ton
10/4/2023	150043128	11:11 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.43	Ton
10/4/2023	150043141	11:41 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.49	Ton
10/4/2023	150043142	11:42 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.57	Ton
10/4/2023	150043161	12:20 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	26.79	Ton
10/4/2023	150043166	12:23 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.40	Ton
10/4/2023	150043178	12:51 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.84	Ton
10/4/2023	150043180	12:53 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.00	Ton
10/4/2023	150043187	1:07 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.20	Ton
10/4/2023	150043195	1:22 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.83	Ton
10/4/2023	150043196	1:23 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.88	Ton
10/4/2023	150043204	1:44 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	26.46	Ton
10/4/2023	150043212	2:11 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.30	Ton
10/5/2023	150043235	6:28 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.01	Ton
10/5/2023	150043237	6:30 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.26	Ton
10/5/2023	150043238	6:32 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.37	Ton
10/5/2023	150043241	6:47 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.24	Ton
10/5/2023	150043242	6:57 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.93	Ton
10/5/2023	150043243	6:59 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.08	Ton
10/5/2023	150043244	7:00 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.18	Ton
10/5/2023	150043249	7:11 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.39	Ton
10/5/2023	150043271	8:39 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.09	Ton
10/5/2023	150043272	8:40 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.83	Ton
10/5/2023	150043273	8:46 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.53	Ton
10/5/2023	150043275	8:48 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.22	Ton
10/5/2023	150043282	9:21 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.84	Ton
10/5/2023	150043286	9:34 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.46	Ton
10/5/2023	150043287	9:38 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.58	Ton
10/5/2023	150043313	10:29 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.05	Ton
10/5/2023	150043314	10:31 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.46	Ton
10/5/2023	150043317	10:34 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.22	Ton
10/5/2023	150043318	10:35 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.46	Ton
10/5/2023	150043323	10:54 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.18	Ton
10/5/2023	150043340	11:43 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.14	Ton
10/5/2023	150043341	11:45 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.45	Ton
10/5/2023	150043346	11:55 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.18	Ton
10/5/2023	150043349	12:12 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.52	Ton
10/5/2023	150043356	12:26 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.24	Ton
10/5/2023	150043357	12:27 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.44	Ton
10/5/2023	150043363	12:41 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.14	Ton
10/5/2023	150043387	1:21 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.51	Ton
10/5/2023	150043389	1:23 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	26.99	Ton
10/5/2023	150043390	1:25 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.54	Ton
10/5/2023	150043414	2:52 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.24	Ton
10/23/2023	150045654	6:20 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.00	Ton
10/23/2023	150045656	6:22 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	26.70	Ton
10/23/2023	150045657	6:22 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.04	Ton
10/23/2023	150045688	7:24 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.85	Ton
10/23/2023	150045723	8:32 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.41	Ton
10/23/2023	150045752	9:09 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.70	Ton
10/23/2023	150045753	9:12 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.43	Ton
10/23/2023	150045758	9:27 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.62	Ton
10/23/2023	150045799	10:26 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.00	Ton
10/23/2023	150045820	11:04 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.35	Ton
10/23/2023	150045823	11:11 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.40	Ton
10/23/2023	150045844	11:42 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.21	Ton
10/23/2023	150045861	12:07 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.48	Ton
10/23/2023	150045890	12:55 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.61	Ton
10/23/2023	150045898	1:09 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.01	Ton
10/23/2023	150045900	1:11 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.30	Ton
10/23/2023	150045921	1:56 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	31.20	Ton
10/24/2023	150045967	6:34 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.78	Ton
10/24/2023	150045992	7:14 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.94	Ton
10/24/2023	150045994	7:18 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.22	Ton
10/24/2023	150046014	7:55 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.00	Ton
10/24/2023	150046044	8:37 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.88	Ton
10/24/2023	150046117	10:10 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.64	Ton
10/24/2023	150046118	10:11 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.37	Ton
10/24/2023	150046120	10:12 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.28	Ton
10/24/2023	150046136	10:28 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.02	Ton

10/24/2023	150046212	12:15 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.69	Ton
10/24/2023	150046214	12:17 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.03	Ton
10/24/2023	150046215	12:18 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.06	Ton
10/24/2023	150046246	1:09 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.37	Ton
10/24/2023	150046283	2:12 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.45	Ton
10/25/2023	150046312	6:21 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	26.68	Ton
10/25/2023	150046313	6:23 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	26.72	Ton
10/25/2023	150046314	6:25 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	26.38	Ton
10/25/2023	150046414	9:03 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.88	Ton
10/25/2023	150046419	9:09 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.73	Ton
10/25/2023	150046428	9:16 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.04	Ton
10/25/2023	150046475	10:06 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.82	Ton
10/25/2023	150046528	11:08 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.32	Ton
10/25/2023	150046530	11:10 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.92	Ton
10/25/2023	150046541	11:19 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.10	Ton
10/25/2023	150046566	11:50 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.93	Ton
10/25/2023	150046617	12:52 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.59	Ton
10/25/2023	150046618	12:54 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.12	Ton
10/25/2023	150046645	1:25 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.44	Ton
10/25/2023	150046647	1:28 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.44	Ton
10/26/2023	150046707	6:31 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.19	Ton
10/26/2023	150046708	6:32 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.91	Ton
10/26/2023	150046719	7:01 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.25	Ton
10/26/2023	150046831	9:43 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.25	Ton
10/26/2023	150046837	9:48 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.26	Ton
10/26/2023	150046842	9:58 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.63	Ton
10/26/2023	150046874	10:38 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.28	Ton
10/26/2023	150046894	11:05 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.91	Ton
10/26/2023	150046912	11:31 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.38	Ton
10/26/2023	150046953	12:25 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.51	Ton
10/26/2023	150046955	12:26 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.03	Ton
10/26/2023	150046974	12:50 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.34	Ton
10/26/2023	150046987	1:19 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	26.94	Ton
10/27/2023	150047043	6:15 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	25.63	Ton
10/27/2023	150047044	6:21 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.37	Ton
10/27/2023	150047051	6:50 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.17	Ton
10/27/2023	150047064	7:11 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.99	Ton
10/27/2023	150047112	8:48 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.20	Ton
10/27/2023	150047117	9:03 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.29	Ton
10/27/2023	150047122	9:18 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.25	Ton
10/27/2023	150047135	9:38 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.67	Ton
10/27/2023	150047192	11:15 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.81	Ton
10/27/2023	150047207	11:36 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.03	Ton
10/27/2023	150047230	12:15 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.31	Ton
10/27/2023	150047234	12:20 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.96	Ton
10/27/2023	150047259	1:02 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.24	Ton
10/30/2023	150047406	7:06 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	0.00	Ton
11/1/2023	150047894	6:58 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.07	Ton
11/1/2023	150047991	9:23 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.64	Ton
11/1/2023	150048059	11:18 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.06	Ton
11/1/2023	150048153	1:46 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.60	Ton
11/2/2023	150048195	6:15 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	25.84	Ton
11/2/2023	150048200	6:34 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	0.00	Ton
11/2/2023	150048218	7:08 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.04	Ton
11/2/2023	150048221	7:12 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.34	Ton
11/2/2023	150048235	7:37 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	26.60	Ton
11/2/2023	150048236	7:38 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.10	Ton
11/2/2023	150048300	9:15 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.12	Ton
11/2/2023	150048308	9:31 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.31	Ton
11/2/2023	150048330	10:02 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.60	Ton
11/2/2023	150048332	10:03 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.07	Ton
11/2/2023	150048348	10:21 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.21	Ton
11/2/2023	150048381	11:15 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	25.90	Ton
11/2/2023	150048384	11:17 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.71	Ton
11/2/2023	150048405	11:39 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.77	Ton
11/2/2023	150048422	12:06 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.93	Ton
11/2/2023	150048434	12:17 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.04	Ton
11/2/2023	150048452	12:51 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	26.66	Ton
11/2/2023	150048468	1:11 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.30	Ton
11/2/2023	150048469	1:13 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.46	Ton
11/3/2023	150048539	6:26 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.17	Ton
11/3/2023	150048540	6:30 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.18	Ton
11/3/2023	150048548	6:48 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.80	Ton
11/3/2023	150048558	7:03 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	31.44	Ton
11/3/2023	150048610	8:18 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.00	Ton
11/3/2023	150048614	8:23 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.52	Ton
11/3/2023	150048622	8:36 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.58	Ton
11/3/2023	150048632	8:46 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.50	Ton
11/3/2023	150048634	8:47 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.42	Ton
11/3/2023	150048695	10:03 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.31	Ton
11/3/2023	150048718	10:38 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.03	Ton
11/3/2023	150048733	10:56 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.48	Ton
11/3/2023	150048735	10:58 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.29	Ton
11/3/2023	150048746	11:14 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.02	Ton
11/3/2023	150048762	11:38 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.30	Ton
11/3/2023	150048804	12:31 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.65	Ton
11/3/2023	150048806	12:33 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.74	Ton
11/3/2023	150048811	12:44 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.94	Ton
11/3/2023	150048836	1:22 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.25	Ton
11/6/2023	150048900	6:29 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	26.39	Ton
11/6/2023	150048902	6:34 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.96	Ton
11/6/2023	150048908	6:41 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	26.82	Ton
11/6/2023	150048913	6:53 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.90	Ton
11/6/2023	150048914	6:54 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	31.49	Ton
11/6/2023	150048975	8:47 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	26.83	Ton
11/6/2023	150048976	8:48 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	26.92	Ton
11/6/2023	150048978	8:49 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.42	Ton
11/6/2023	150048979	8:52 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	26.58	Ton
11/6/2023	150048986	9:00 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.79	Ton
11/6/2023	150049047	10:41 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	26.65	Ton
11/6/2023	150049071	11:19 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.29	Ton
11/6/2023	150049073	11:21 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.69	Ton
11/6/2023	150049083	11:40 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.06	Ton
11/6/2023	150049121	12:31 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.39	Ton
11/6/2023	150049136	12:59 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.76	Ton

11/6/2023	150049149	1:21 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.68	Ton
11/6/2023	150049151	1:23 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.03	Ton
11/6/2023	150049160	1:39 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	26.70	Ton
11/6/2023	150049179	2:18 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.18	Ton
11/7/2023	150049205	6:19 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.99	Ton
11/7/2023	150049211	6:32 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.55	Ton
11/7/2023	150049216	6:39 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.03	Ton
11/7/2023	150049221	6:47 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.00	Ton
11/7/2023	150049230	7:01 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.60	Ton
11/7/2023	150049289	8:27 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.04	Ton
11/7/2023	150049298	8:37 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.72	Ton
11/7/2023	150049306	8:48 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.28	Ton
11/7/2023	150049307	8:50 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.54	Ton
11/7/2023	150049322	9:10 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.59	Ton
11/7/2023	150049386	10:29 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.49	Ton
11/7/2023	150049394	10:35 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.77	Ton
11/7/2023	150049405	10:55 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.66	Ton
11/7/2023	150049418	11:09 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.99	Ton
11/7/2023	150049434	11:27 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.85	Ton
11/7/2023	150049465	12:06 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.75	Ton
11/7/2023	150049482	12:34 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	31.25	Ton
11/7/2023	150049495	12:54 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.71	Ton
11/7/2023	150049496	12:56 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.82	Ton
11/7/2023	150049507	1:16 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.66	Ton
11/7/2023	150049532	1:57 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.06	Ton
11/8/2023	150049584	6:47 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.21	Ton
11/8/2023	150049585	6:50 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.02	Ton
11/8/2023	150049586	6:51 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.84	Ton
11/8/2023	150049587	6:53 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.28	Ton
11/8/2023	150049589	6:56 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.52	Ton
11/8/2023	150049679	9:05 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.52	Ton
11/8/2023	150049680	9:07 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.16	Ton
11/8/2023	150049687	9:15 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.77	Ton
11/8/2023	150049689	9:17 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.05	Ton
11/8/2023	150049694	9:23 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	25.47	Ton
11/8/2023	150049777	11:14 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.56	Ton
11/8/2023	150049779	11:17 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.95	Ton
11/8/2023	150049780	11:18 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.88	Ton
11/8/2023	150049782	11:20 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.23	Ton
11/8/2023	150049789	11:29 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.24	Ton
11/8/2023	150049867	1:06 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.21	Ton
11/8/2023	150049869	1:09 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.31	Ton
11/8/2023	150049878	1:23 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.59	Ton
11/8/2023	150049879	1:26 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.98	Ton
11/21/2023	150051980	6:22 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.15	Ton
11/21/2023	150052048	9:07 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.75	Ton
11/21/2023	150052121	11:41 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.08	Ton
11/21/2023	150052171	1:44 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.53	Ton
11/28/2023	150052501	6:53 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.36	Ton
11/28/2023	150052584	10:44 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.63	Ton
11/28/2023	150052642	1:09 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.19	Ton
11/29/2023	150052675	6:38 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.33	Ton
11/29/2023	150052721	8:51 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.12	Ton
11/29/2023	150052769	10:57 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.35	Ton
11/29/2023	150052817	12:56 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.75	Ton
12/26/2023	150055480	6:24 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.20	Ton
12/26/2023	150055481	6:25 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.03	Ton
12/26/2023	150055533	11:12 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.17	Ton
12/26/2023	150055534	11:15 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.72	Ton
12/26/2023	150055546	1:45 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.06	Ton
12/26/2023	150055547	1:46 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.60	Ton
12/27/2023	150055562	6:29 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.71	Ton
12/27/2023	150055563	6:31 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.59	Ton
12/27/2023	150055612	9:35 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.20	Ton
12/27/2023	150055613	9:36 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.18	Ton
12/27/2023	150055644	11:25 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.19	Ton
12/27/2023	150055657	12:03 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.94	Ton
12/27/2023	150055678	1:18 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.42	Ton
1/25/2024	150059586	10:04 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.59	Ton
1/25/2024	150059598	10:18 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.64	Ton
1/25/2024	150059659	11:48 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.11	Ton
1/25/2024	150059694	12:38 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.19	Ton
1/25/2024	150059741	2:14 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.61	Ton
1/26/2024	150059756	6:32 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.77	Ton
1/26/2024	150059758	6:34 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.73	Ton
1/26/2024	150059793	7:41 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.33	Ton
1/26/2024	150059812	8:22 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.20	Ton
1/26/2024	150059813	8:24 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.32	Ton
1/26/2024	150059856	9:26 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.47	Ton
1/26/2024	150059904	10:38 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.11	Ton
1/26/2024	150059905	10:39 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.71	Ton
1/26/2024	150059939	11:29 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.08	Ton
1/26/2024	150059975	12:11 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.23	Ton
1/26/2024	150059978	12:13 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.15	Ton
1/26/2024	150060007	1:13 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.42	Ton
1/26/2024	150060025	1:45 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.35	Ton
1/26/2024	150060026	1:47 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.32	Ton
1/29/2024	150060057	6:27 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.78	Ton
1/29/2024	150060058	6:30 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.07	Ton
1/29/2024	150060059	6:31 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.97	Ton
1/29/2024	150060109	8:13 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.44	Ton
1/29/2024	150060113	8:22 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.14	Ton
1/29/2024	150060114	8:22 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.89	Ton
1/29/2024	150060198	10:33 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.61	Ton
1/29/2024	150060200	10:37 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.01	Ton
1/29/2024	150060213	10:49 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.87	Ton
1/29/2024	150060295	12:56 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.20	Ton
1/29/2024	150060303	1:12 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.93	Ton
1/29/2024	150060326	1:45 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.49	Ton
1/30/2024	150060347	6:24 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.53	Ton
1/30/2024	150060348	6:27 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.61	Ton
1/30/2024	150060349	6:28 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.73	Ton
1/30/2024	150060382	8:24 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	23.66	Ton
1/30/2024	150060385	8:28 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.09	Ton
1/30/2024	150060388	8:39 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.44	Ton

1/30/2024	150060389	8:40 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.52	Ton
1/30/2024	150060420	10:14 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	23.35	Ton
1/30/2024	150060428	10:41 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.33	Ton
1/30/2024	150060439	11:04 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.02	Ton
1/30/2024	150060440	11:04 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.71	Ton
1/30/2024	150060475	12:29 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	23.76	Ton
1/30/2024	150060480	12:33 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.94	Ton
1/30/2024	150060489	12:43 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.22	Ton
1/30/2024	150060495	12:51 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.55	Ton
1/31/2024	150060540	6:27 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.47	Ton
1/31/2024	150060547	6:43 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.79	Ton
1/31/2024	150060571	7:38 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.65	Ton
1/31/2024	150060595	8:39 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	23.01	Ton
1/31/2024	150060617	9:13 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.52	Ton
1/31/2024	150060618	9:14 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.53	Ton
1/31/2024	150060652	10:22 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.19	Ton
1/31/2024	150060691	11:08 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.71	Ton
1/31/2024	150060693	11:10 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.22	Ton
1/31/2024	150060725	12:21 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.32	Ton
1/31/2024	150060753	1:16 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.63	Ton
1/31/2024	150060755	1:20 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.32	Ton
2/1/2024	150060781	6:28 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.38	Ton
2/1/2024	150060784	6:36 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	0.00	Ton
2/1/2024	150060785	6:40 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.28	Ton
2/1/2024	150060791	6:48 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.95	Ton
2/1/2024	150060834	8:35 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.94	Ton
2/1/2024	150060840	8:44 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.89	Ton
2/1/2024	150060849	8:58 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.69	Ton
2/1/2024	150060908	10:53 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.01	Ton
2/1/2024	150060918	11:10 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.52	Ton
2/1/2024	150060921	11:19 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.18	Ton
2/1/2024	150060945	12:30 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.65	Ton
2/1/2024	150060951	12:47 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.11	Ton
2/1/2024	150060954	12:55 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.56	Ton
2/1/2024	150060976	2:26 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.36	Ton
2/2/2024	150060986	6:23 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.39	Ton
2/2/2024	150060988	6:31 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.80	Ton
2/2/2024	150061008	7:20 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.34	Ton
2/2/2024	150061052	8:33 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.13	Ton
2/2/2024	150061058	8:42 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.34	Ton
2/2/2024	150061076	9:14 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.99	Ton
2/2/2024	150061109	10:26 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.51	Ton
2/2/2024	150061121	10:49 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.61	Ton
2/2/2024	150061134	11:11 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.82	Ton
2/2/2024	150061156	12:12 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.36	Ton
2/2/2024	150061179	12:58 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	24.56	Ton
2/2/2024	150061184	1:02 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.96	Ton
2/2/2024	150061185	1:03 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.40	Ton
2/5/2024	150061311	9:24 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	24.16	Ton
2/5/2024	150061452	1:27 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	23.18	Ton
2/6/2024	150061557	8:19 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	24.09	Ton
2/6/2024	150061667	11:45 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	23.01	Ton
2/7/2024	150061828	10:31 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	23.09	Ton
2/9/2024	150062126	6:25 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.73	Ton
2/9/2024	150062134	6:40 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.06	Ton
2/9/2024	150062152	7:29 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	26.92	Ton
2/9/2024	150062169	8:12 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.71	Ton
2/9/2024	150062176	8:24 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.09	Ton
2/9/2024	150062205	9:30 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.39	Ton
2/9/2024	150062212	9:46 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.11	Ton
2/9/2024	150062219	10:00 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.37	Ton
2/9/2024	150062251	11:06 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.80	Ton
2/9/2024	150062257	11:21 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.50	Ton
2/9/2024	150062262	11:32 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.00	Ton
2/9/2024	150062301	12:57 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.65	Ton
2/9/2024	150062302	1:06 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.34	Ton
2/9/2024	150062312	1:31 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	26.91	Ton
2/12/2024	150062345	6:20 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.12	Ton
2/12/2024	150062348	6:27 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.17	Ton
2/12/2024	150062357	6:59 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.98	Ton
2/12/2024	150062407	8:19 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.88	Ton
2/12/2024	150062409	8:26 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.68	Ton
2/12/2024	150062423	9:08 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.57	Ton
2/12/2024	150062448	10:08 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.33	Ton
2/12/2024	150062450	10:10 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.84	Ton
2/12/2024	150062463	10:46 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.22	Ton
2/12/2024	150062491	12:01 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.04	Ton
2/12/2024	150062492	12:03 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.63	Ton
2/12/2024	150062518	1:14 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.10	Ton
2/12/2024	150062531	1:35 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.28	Ton
2/12/2024	150062532	1:37 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.00	Ton
2/13/2024	150062562	6:27 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	26.97	Ton
2/13/2024	150062563	6:28 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.00	Ton
2/13/2024	150062570	6:47 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.59	Ton
2/13/2024	150062609	8:27 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.41	Ton
2/13/2024	150062612	8:30 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.17	Ton
2/13/2024	150062614	8:35 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.10	Ton
2/13/2024	150062656	10:18 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.41	Ton
2/13/2024	150062660	10:23 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.23	Ton
2/13/2024	150062676	10:44 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	26.94	Ton
2/13/2024	150062714	11:54 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.76	Ton
2/13/2024	150062715	11:55 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.12	Ton
2/13/2024	150062725	12:16 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.01	Ton
2/13/2024	150062758	1:46 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	26.81	Ton
2/13/2024	150062759	1:57 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.95	Ton
2/13/2024	150062760	2:00 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.24	Ton
2/14/2024	150062775	6:22 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	25.61	Ton
2/14/2024	150062778	6:29 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	26.96	Ton
2/14/2024	150062781	6:33 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.52	Ton
2/14/2024	150062830	8:24 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.78	Ton
2/14/2024	150062831	8:27 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.48	Ton
2/14/2024	150062863	10:05 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.07	Ton
2/14/2024	150062865	10:12 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.60	Ton
2/14/2024	150062880	10:44 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.92	Ton
2/14/2024	150062896	11:52 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	26.87	Ton

2/14/2024	150062903	12:10 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.80	Ton
2/14/2024	150062930	1:27 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.33	Ton
2/14/2024	150062932	1:36 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.37	Ton
2/16/2024	150063203	8:55 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	24.01	Ton
2/16/2024	150063236	10:32 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	23.79	Ton
2/20/2024	150063480	6:18 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.70	Ton
2/20/2024	150063484	6:26 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.81	Ton
2/20/2024	150063509	7:23 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.79	Ton
2/20/2024	150063511	7:27 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.73	Ton
2/20/2024	150063532	8:23 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.95	Ton
2/20/2024	150063536	8:28 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	26.84	Ton
2/20/2024	150063559	9:27 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.57	Ton
2/20/2024	150063564	9:35 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	31.36	Ton
2/20/2024	150063585	10:35 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	26.82	Ton
2/20/2024	150063587	10:37 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.70	Ton
2/20/2024	150063611	11:26 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.86	Ton
2/20/2024	150063613	11:27 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.66	Ton
2/20/2024	150063633	12:17 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.94	Ton
2/20/2024	150063635	12:24 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.77	Ton
2/20/2024	150063656	1:15 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	31.45	Ton
2/20/2024	150063663	2:02 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.30	Ton
2/20/2024	150063665	2:07 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.74	Ton
2/20/2024	150063666	2:09 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.97	Ton
2/21/2024	150063688	6:30 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	31.08	Ton
2/21/2024	150063689	6:31 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.78	Ton
2/21/2024	150063690	6:33 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.86	Ton
2/21/2024	150063692	6:35 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.01	Ton
2/21/2024	150063722	8:36 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.84	Ton
2/21/2024	150063723	8:38 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.67	Ton
2/21/2024	150063724	8:40 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	31.31	Ton
2/21/2024	150063732	9:08 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.80	Ton
2/21/2024	150063755	10:14 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.87	Ton
2/21/2024	150063756	10:17 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.81	Ton
2/21/2024	150063757	10:20 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	31.19	Ton
2/21/2024	150063777	11:19 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.27	Ton
2/21/2024	150063789	12:01 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	26.43	Ton
2/21/2024	150063792	12:10 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.45	Ton
2/21/2024	150063795	12:19 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	31.65	Ton
2/21/2024	150063809	1:16 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.50	Ton
2/21/2024	150063814	1:39 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.16	Ton
2/21/2024	150063816	1:54 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.88	Ton
2/21/2024	150063818	2:00 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.19	Ton
2/22/2024	150063827	6:26 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.98	Ton
2/22/2024	150063830	6:43 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.81	Ton
2/22/2024	150063831	6:46 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.01	Ton
2/22/2024	150063832	6:49 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.20	Ton
2/22/2024	150063833	6:49 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.18	Ton
2/22/2024	150063857	8:35 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.82	Ton
2/22/2024	150063859	8:36 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.81	Ton
2/22/2024	150063865	8:58 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.89	Ton
2/22/2024	150063866	8:59 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	31.87	Ton
2/22/2024	150063882	10:10 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.65	Ton
2/22/2024	150063883	10:13 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.25	Ton
2/22/2024	150063890	10:27 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.82	Ton
2/22/2024	150063895	10:38 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.90	Ton
2/22/2024	150063896	10:39 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	31.39	Ton
2/22/2024	150063913	11:54 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.95	Ton
2/22/2024	150063920	12:05 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.61	Ton
2/22/2024	150063922	12:23 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.18	Ton
2/22/2024	150063929	12:33 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.44	Ton
2/22/2024	150063931	12:35 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	31.22	Ton
2/22/2024	150063948	1:49 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.35	Ton
2/22/2024	150063949	1:52 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.13	Ton
2/22/2024	150063958	2:31 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.12	Ton
2/22/2024	150063963	2:59 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.50	Ton
2/23/2024	150063970	6:25 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.05	Ton
2/23/2024	150063971	6:26 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.25	Ton
2/23/2024	150063972	6:28 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.60	Ton
2/23/2024	150063977	6:45 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.14	Ton
2/23/2024	150064010	8:02 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	31.08	Ton
2/23/2024	150064011	8:03 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.17	Ton
2/23/2024	150064021	8:21 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.60	Ton
2/23/2024	150064037	9:13 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.73	Ton
2/23/2024	150064054	10:05 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.43	Ton
2/23/2024	150064055	10:07 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.08	Ton
2/23/2024	150064057	10:08 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.76	Ton
2/23/2024	150064069	10:35 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.59	Ton
2/23/2024	150064094	11:43 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.80	Ton
2/23/2024	150064095	11:45 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.00	Ton
2/23/2024	150064096	11:46 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.98	Ton
2/23/2024	150064101	11:57 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.82	Ton
2/23/2024	150064131	1:16 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.91	Ton
2/23/2024	150064136	1:25 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.58	Ton
2/23/2024	150064138	1:27 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.76	Ton
2/23/2024	150064145	1:36 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.91	Ton
2/26/2024	150064176	6:26 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.03	Ton
2/26/2024	150064178	6:30 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.12	Ton
2/26/2024	150064180	6:39 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.92	Ton
2/26/2024	150064215	8:07 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.16	Ton
2/26/2024	150064218	8:11 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.77	Ton
2/26/2024	150064238	9:00 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.42	Ton
2/26/2024	150064243	9:11 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.29	Ton
2/26/2024	150064262	9:46 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.85	Ton
2/26/2024	150064270	10:01 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.95	Ton
2/26/2024	150064284	10:36 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.87	Ton
2/26/2024	150064291	10:48 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	31.38	Ton
2/26/2024	150064311	11:29 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.27	Ton
2/26/2024	150064314	11:51 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.78	Ton
2/26/2024	150064327	12:16 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	31.91	Ton
2/26/2024	150064332	12:30 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.18	Ton
2/26/2024	150064350	12:57 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.42	Ton
2/26/2024	150064362	1:26 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.48	Ton
2/26/2024	150064380	2:09 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	31.30	Ton
2/26/2024	150064391	2:33 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.40	Ton
2/27/2024	150064408	6:35 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.10	Ton

2/27/2024	150064414	6:42 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.11	Ton
2/27/2024	150064422	7:00 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.82	Ton
2/27/2024	150064455	8:44 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.08	Ton
2/27/2024	150064457	8:46 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.00	Ton
2/27/2024	150064465	9:10 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.30	Ton
2/27/2024	150064466	9:24 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.91	Ton
2/27/2024	150064495	10:37 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.94	Ton
2/27/2024	150064498	10:43 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.88	Ton
2/27/2024	150064501	10:48 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.76	Ton
2/27/2024	150064506	11:06 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.96	Ton
2/27/2024	150064534	12:08 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.92	Ton
2/27/2024	150064550	12:29 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.38	Ton
2/27/2024	150064554	12:48 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.91	Ton
2/27/2024	150064558	12:57 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.40	Ton
2/27/2024	150064576	1:53 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.42	Ton
2/27/2024	150064583	2:30 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.07	Ton
2/27/2024	150064584	2:37 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.07	Ton
2/27/2024	150064591	3:05 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.31	Ton
2/28/2024	150064600	6:20 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.51	Ton
2/28/2024	150064601	6:22 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.80	Ton
2/28/2024	150064603	6:26 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.76	Ton
2/28/2024	150064607	6:35 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.76	Ton
2/28/2024	150064610	6:44 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.02	Ton
2/28/2024	150064655	8:33 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.69	Ton
2/28/2024	150064659	8:44 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.74	Ton
2/28/2024	150064660	8:46 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.31	Ton
2/28/2024	150064662	8:49 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.38	Ton
2/28/2024	150064678	9:22 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.11	Ton
2/28/2024	150064708	10:36 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.42	Ton
2/28/2024	150064720	11:04 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.47	Ton
2/28/2024	150064722	11:19 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.07	Ton
2/28/2024	150064723	11:22 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.71	Ton
2/28/2024	150064724	11:24 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.05	Ton
2/28/2024	150064749	12:21 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.32	Ton
2/28/2024	150064758	12:44 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.91	Ton
2/28/2024	150064775	1:17 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.53	Ton
2/28/2024	150064777	1:19 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.61	Ton
2/28/2024	150064778	1:22 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.19	Ton
2/28/2024	150064785	1:59 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.09	Ton
2/29/2024	150064801	6:21 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.35	Ton
2/29/2024	150064803	6:23 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.23	Ton
2/29/2024	150064805	6:25 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.99	Ton
2/29/2024	150064806	6:26 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.40	Ton
2/29/2024	150064811	6:35 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.40	Ton
2/29/2024	150064852	8:23 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.06	Ton
2/29/2024	150064857	8:30 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.64	Ton
2/29/2024	150064859	8:34 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.58	Ton
2/29/2024	150064867	8:46 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.23	Ton
2/29/2024	150064876	9:17 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.63	Ton
2/29/2024	150064898	10:17 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.74	Ton
2/29/2024	150064901	10:21 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.78	Ton
2/29/2024	150064906	10:29 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.36	Ton
2/29/2024	150064912	10:43 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.29	Ton
2/29/2024	150064928	11:17 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.39	Ton
2/29/2024	150064952	12:00 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.87	Ton
2/29/2024	150064954	12:01 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.98	Ton
2/29/2024	150064978	12:40 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.01	Ton
2/29/2024	150064979	12:41 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.78	Ton
2/29/2024	150064980	12:43 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.29	Ton
2/29/2024	150064994	1:26 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.20	Ton
2/29/2024	150064997	1:34 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.03	Ton
2/29/2024	150065005	3:04 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.08	Ton
3/1/2024	150065014	6:26 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	26.91	Ton
3/1/2024	150065015	6:27 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.06	Ton
3/1/2024	150065016	6:30 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.04	Ton
3/1/2024	150065017	6:30 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.25	Ton
3/1/2024	150065019	6:32 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.45	Ton
3/1/2024	150065020	6:32 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.14	Ton
3/1/2024	150065047	8:10 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.08	Ton
3/1/2024	150065050	8:11 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.38	Ton
3/1/2024	150065055	8:40 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.04	Ton
3/1/2024	150065058	8:43 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.18	Ton
3/1/2024	150065067	9:04 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.31	Ton
3/1/2024	150065076	9:24 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.72	Ton
3/1/2024	150065078	9:39 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.84	Ton
3/1/2024	150065079	9:41 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.31	Ton
3/1/2024	150065100	10:25 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.57	Ton
3/1/2024	150065101	10:25 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.50	Ton
3/1/2024	150065105	10:33 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.19	Ton
3/1/2024	150065117	11:03 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.93	Ton
3/5/2024	150065367	10:03 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.35	Ton
3/5/2024	150065397	11:40 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	27.40	Ton
3/5/2024	150065426	1:32 PM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	26.80	Ton
3/6/2024	150065456	6:18 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.39	Ton
3/6/2024	150065457	6:19 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.54	Ton
3/6/2024	150065527	8:12 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	28.02	Ton
3/6/2024	150065538	8:24 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.55	Ton
3/6/2024	150065611	10:13 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	30.28	Ton
3/6/2024	150065613	10:14 AM	CONSTRUCTIONGROUPINTERNATIONALLLC	JORGENSON FORGE (FOB)	1 1/4" - 0" CRUSHED ROCK	29.39	Ton
					Total:	**29,578.91**	

Control Density Fill Specifications

Heidelberg Materials North America
7554 185th Ave NE
Suite 100
PO Box 97038
Redmond, WA 98073-9738

11/09/2023

CONSTRUCTION GROUP INTERNATIONAL

Project: Jorgensen Steel Press Pits –

Mark,

Heidelberg Materials proposes to deliver the following concrete mix designs for the above referenced project:

Mix	Use	Slump	Air	W/CM	Specified Strength
PFLO5A PRO FLOW 5 HR	CDF	9-11\10	12	2.97	psi @ 28 Days

Upon approval, kindly return a copy of the approved submittal to Heidelberg Materials. Early notification of the testing laboratory responsible for this project to include Heidelberg Materials on its report distribution mailing list is appreciated. Heidelberg Materials continually monitors the status of each project, sometimes providing that data for future projects.

Heidelberg Materials cannot control and therefore cannot be responsible for the plastic properties of concrete beyond the end of the truck chute.

To access Environmental Product Declarations (EPD's) web search ASTM Heidelberg Materials EPD's. Any mix design not found can be generated upon request.

For any additional questions regarding this submittal or project, please contact:

Corey Rosson
Sr. Sales Representative
(425) 429-4445

Prepared By:

Heidelberg Materials

Tony Bowman
QC Manager

Heidelberg Materials

Concrete Mix Submittal

Submittal Information

Submittal Name	Jorgensen Steel Press Pits
Date Submitted	11/09/2023
Customer	CONSTRUCTION GROUP INTERNATIONAL
Project Name	Jorgensen Steel Press Pits
Use	CDF

Mix Information

Mix ID	PFLO5A
Mix Name	PRO FLOW 5 HR
Compressive Strength (f'c)	
Aggregate Nominal Size	#4 (4.75mm)
Air Entrained	☑

Mix Properties

Slump	9-11\10	Sack Content	1.6	94 lb/sack	Total Mass	3212	lb
Air	12	Total Water	53.3	gal	Total Volume	27.00	ft3
W/CM Ratio	2.97	Water/Sack	33.3	gal	Unit Weight	119.0	lb/ft3

Group	Material Description	Specific Gravity	Mass lb	Volume ft3
Cement	Blended Hydraulic Type IL CEMENT TYPE IL(15)	3.1	150	0.775
Aggregate	Fine Aggregate BUILDING SAND - CA7	2.65	2614	15.806
Water	Municipal Water WATER (LBS)	1	445	7.131
Admixture	Air Entrainer AEA (OZ) Range: fl oz/yd3	1	0.652	0.01044
	Other RHEOMAC VMA 358 Range: fl oz/yd3	1	2.281	0.03655
Air	Air			3.240

Contact Tony Bowman

Email Anthony.Bowman@HeidelbergMaterials.com.com

Mill Test Certificate Report

ASTM Type IL, EcoCem*PLC* - Portland Limestone Cement
Production Dates: 08/01/2023 to 08/31/2023

Date: 08-Sep-2023
Certificate #: D2L-148

Certification

This will certify that the above described cement meets the standard chemical and physical requirements of ASTM Specification C595 for Type IL Portland-limestone Cement.

General Information

Supplier: Heidelberg Materials Canada Ltd.
Address: 7777 Ross Road.
Delta, British Columbia V4G 1B8
Telephone: 604-946-0411

Source Location: Delta, British Columbia

Tests Data on ASTM C595-19 / AASHTO M240-20 Standard Requirements

Chemical				Physical			
Item	**ASTM**	**Limit**	**Result**	**Item**	**ASTM**	**Limit**	**Result**
SiO_2 (%)	C 114	-	19.0	Vicat Initial Set Time (minutes)	C 191	45 to 420	108
Al_2O_3 (%)	C 114	-	4.7				
Fe_2O_3 (%)	C 114	-	3.39	Blaine Fineness (m^2/kg)	C 204	-	429
CaO (%)	C 114	-	64.5	% Retained 45 µm (No. 325) Sieve (%)	C 430	-	0.3
MgO (%)	C 114	-	0.9				
SO_3 (%)*	C 114	max 3.0	3.07	Air Content (%)	C 185	max 12	9
Na2O (%)	C 114	-	0.27				
K2O (%)	C 114	-	0.39	Autoclave Expansion (%)	C 151	-0.20 to 0.80	0.02
				Mortar Bar Expansion at 14 days (%)	C 1038	max 0.020	0.000
Loss on Ignition (%)	C 114	max 10.0	5.7	Sulphate Resistance (Q1/23)	C 1012	max 0.10	0.09
Free Calcium Oxide (%)	C 114	-	0.4				
				Compressive Strength MPa:			
Adjusted Potential Phase Compounds:**				3 Day	C 109	min 13.0	31.0
C_3S (%)	C 150	-	52	7 Day	C 109	min 20.0	36.4
C_2S (%)	C 150	-	15	28 Day (previous month)	C 109	min 25.0	43.1
C_3A (%)	C 150	-	7				
C_4AF (%)	C 150	-	10	Compressive Strength psi:			
Equivalent Alkalies (%)	C 150	-	0.51	3 Day	C 109	min 1890	4502
				7 Day	C 109	min 2900	5275
				28 Day (previous month)	C 109	min 3620	6247
				Color	-	-	61
				Density (Q3/23)	C 188	-	3.08

Notes

* SO3 may exceed the maximum limit of 3.0% as the cement ASTM C1038 requirements.

** Corrected by using ASTM calculation for Blended Cement

This data given is representative of a monthly average.

September 8, 2023
Date

Quality Manager: Vera Judarta

Mill Test Certificate Report

ASTM Type IL EcoCEM*PLC* - Portland-Limestone Cement

Production Dates: 07/28/2023 to 08/26/2023

Date: 08-Sep-2023
Certificate #: B1L-55

Certification

This will certify that the above described cement meets the standard chemical and physical requirements of ASTM Specification C595 for Type IL Portland-limestone Cement.

General Information

Supplier: Heidelberg Materials Canada Ltd.
Address: 7777 Ross Road.
Delta, British Columbia V4G 1B8
Telephone: 604-946-0411

Source Location: Bellingham, WA

Tests Data on ASTM C595-19 / AASHTO M240-20 Standard Requirements

Chemical				Physical			
Item	**ASTM / CSA**	**Limit**	**Result**	**Item**	**ASTM / CSA**	**Limit**	**Result**
SiO_2 (%)	C 114	-	19.2	Vicat Initial Set Time (minutes)	C 191	45 to 420	128
Al_2O_3 (%)	C 114	-	4.7				
Fe_2O_3 (%)	C 114	-	3.42	Blaine Fineness (m^2/kg)	C 204	-	427
CaO (%)	C 114	-	64.3	% Retained 45 µm (No. 325) Sieve (%)	C 430	-	0.6
MgO (%)	C 114	-	0.9				
SO_3 (%)*	C 114	max 3.0	3.04	Air Content (%)	C 185	max 12	10
Na2O (%)	C 114	-	0.26				
K2O (%)	C 114	-	0.38	Autoclave Expansion (%)	C 151	-0.20 to 0.80	0.00
				Mortar Bar Expansion at 14 days	C 1038	max 0.020	0.001
Loss on Ignition (%)	C 114	max 10.0	5.8	Sulphate Resistance % (Q3/22)	C 1012	max 0.10	0.04
Free Calcium Oxide (%)	C 114	-	0.1	Compressive Strength MPa:			
				3 Day	C 109	min 13.0	30.1
Adjusted Potential Phase Compounds:**				7 Day	C 109	min 20.0	35.4
C_3S (%)	C 150	-	50	28 Day (previous period)	C 109	min 25.0	41.8
C_2S (%)	C 150	-	16				
C_3A (%)	C 150	-	7	Compressive Strength psi:			
C_4AF (%)	C 150	-	10	3 Day	C 109	min 1890	4360
Equivalent Alkalies (%)	C 150	-	0.52	7 Day	C 109	min 2900	5138
				28 Day (previous period)	C 109	min 3620	6058
				Color (L*)	-	-	61
				Density (g/cm3, Q3/23)	C 188	-	3.13

Notes

* SO3 may exceed the maximum limit of 3.0% as the cement ASTM C1038 requirements.

** Corrected by using ASTM calculation for Blended Cement

This data given is representative of a monthly average.

September 8, 2023
Date

Quality Manager:

WSDOT MATERIALS LAB 02/21/2023

Aggregate Source Approval Report

Owner: Construction Aggregates Ltd.
Aggregate Source: PS-CA-7
Lessee: Lehigh Materials Ltd.
Known as: Sechelt Pit
Located in: Lot 288,Sechelt IR No.2,Group 1,New Westminster District Section - TN RW
County: Canada
Address:

Remarks:

Mineral Agg. and Surfacing: Test Date: 11/20/2020 Expiration Date: 11/20/2025

Absorption: 0.68	Apparent Sp. G.: 2.747	Bulk Sp. G. (SSD): 2.715	Bulk Sp. G.: 2.697
Deg: 75	LA: 23		

Remarks:

Currently approved as a source of aggregate for:

ATB	Ballast	BST Crushed Cover Stone
BST Crushed Screenings	Crushed Surfacing Base Course	Crushed Surfacing Key Stone
Crushed Surfacing Top Course	Gravel Backfill for Foundation Class A	HMA Other Courses
HMA Wearing Course	Maintenance Rock	Permeable Ballast

Acceptance tests need to be performed as necessary.

Aggregates for Concrete: Test Date: 12/12/2019 Expiration Date: 12/12/2024

ASR - 14 Day : 0.16	ASR - One Year:	CCA Absorption:	CCA Sp.G:
Deg:	FCA Absorption: 0.87	FCA Organics: 1	FCA Sp. G: 2.666
LA:			

Remarks:

Currently approved for:

Fine Concrete Aggregates

Acceptance tests need to be performed as necessary

NOT approved for:

Coarse Concrete Aggregates

Riprap, Quarry Spalls, Rock for Rock Wall, Erosion and Scour Protection: Test Date: Expiration Date:

Absorption:	Apparent Sp. G.:	Bulk Sp. G. (SSD):	Bulk Sp. G.:
Deg:	LA:		

Remarks:

NOT Approved for:

Quarry Spalls	Riprap	Rock for Erosion and Scour Protection
Rock for Rock Walls	Stone 9-27.3(6)	

Streambed Aggregates: Test Date: Expiration Date:

Absorption:	Apparent Sp. G.:	Bulk Sp. G. (SSD):	Bulk Sp. G.:
Deg:	LA:		

Remarks:

NOT Approved for:

Streambed Aggregate	Streambed Aggregate

Gravel Borrow for Structural Earth Walls: Test Date: Expiration Date:

Bulk Sp. G. (SSD):	Deg:	LA:

NOT Approved for:

Gravel Borrow for Str Earth Walls

ALL OTHER PIT RUN MATERIALS:

Project Engineer may request preliminary samples but Aggregate Source Approval is not required.

AGGREGATE MATERIALS NOT REQUIRING ASA APPROVAL :

Aggregate for Gravel Base 9-03.10
Gravel Backfill for Foundation Class B 9-03.12(1)B
Gravel Backfill for Walls 9-03.12(2)
Gravel Backfill for Pipe Zone Bedding 9-03.12(3)
Gravel Backfill for Drains 9-03.12(4)
Gravel Backfill for Drywells 9-03.12(5)
Backfill for Sand Drains 9-03.13
Sand Drainage Blanket 9-03.13(1)
Gravel Borrow 9-03.14(1)
Select Borrow 9-03.14(2)
Common Borrow 9-03.14(3)
Native Material for Trench Backfill 9-03.15
Foundation Material Class A and B 9-03.17
Foundation Material Class C 9-03.18
Bank Run Gravel for Trench Backfill 9-03.19
Commercial Concrete Aggregate 6-02.3(2)B

Appendix D

Photo Log of Current Site Conditions



Photo 01, Facing Southeast, 7/15/2024



Photo 02, Facing South, 7/15/2024



Photo 03, Facing Northwest, 7/15/2024



Photo 04, Facing North, 7/15/2024



Photo 05, Facing West, 7/15/2024



Photo 06, Facing East, 7/15/2024



Photo 07, Facing West, 2,500 Ton Press Pit Pump Room Pit Cover



Photo 08, Facing West, Quench Tank Vault Pit Cover



Photo 09, Facing West, 660 Ton Press Pump Room Pit Cover



Photo 10, Facing West, 1,250 Press Pump Room Pit Cover

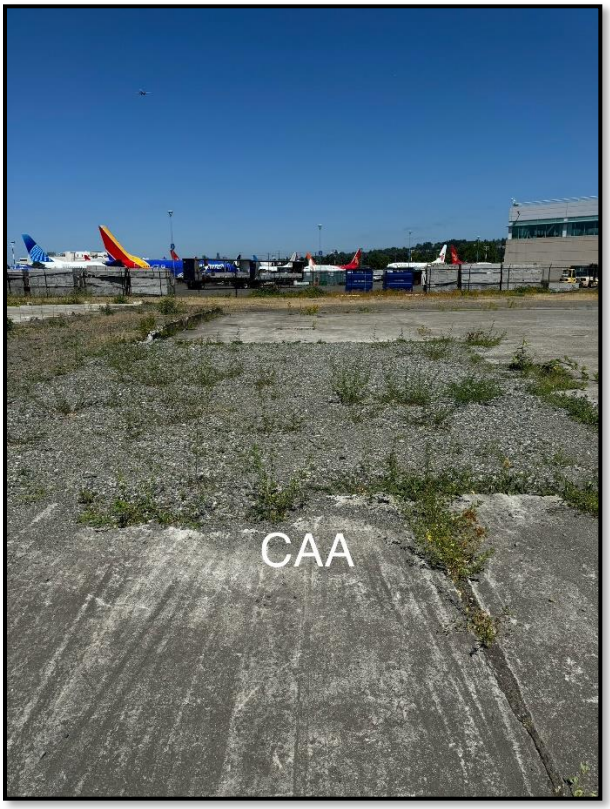


Photo 11, Facing North, Former Central Accumulation Area DWMU Area, 7/15/2024



Photo 12, Facing South, Former Baghouse DWMU Area, 7/15/2024

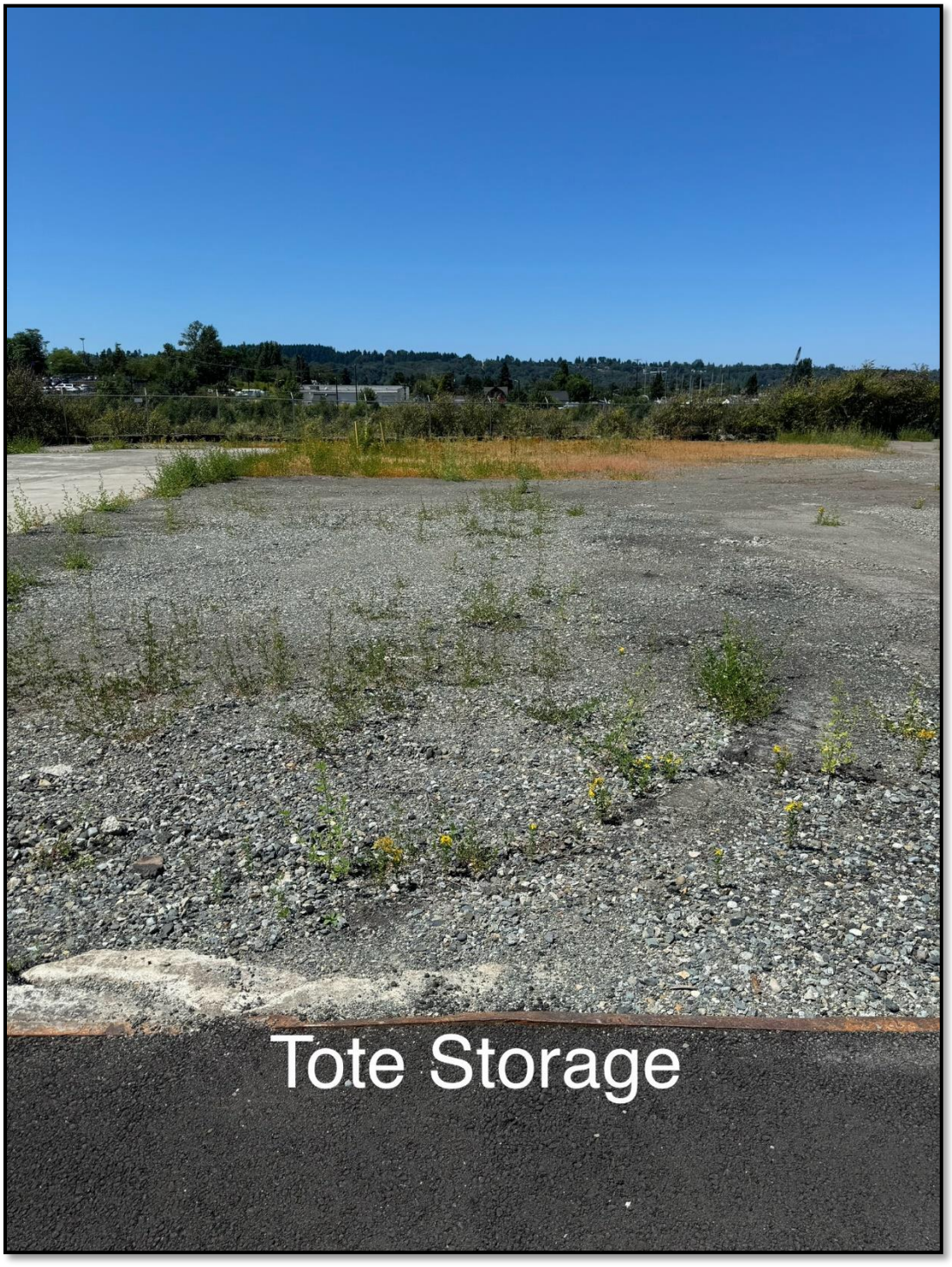
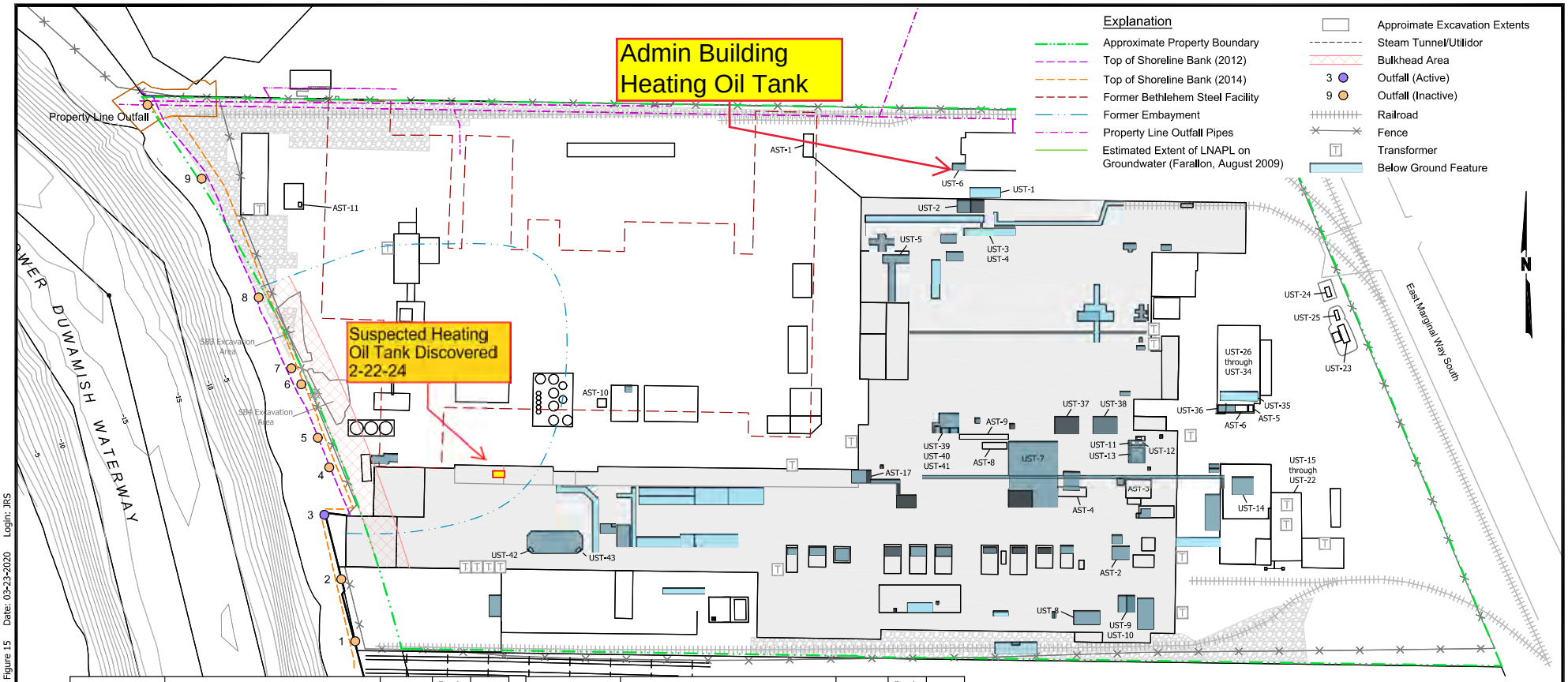


Photo 13, Facing West, Former Tote Storage DWMU Area, 7/15/2024

Appendix E

Heating Oil Tank Documentation



Tank ID	Description	Containment	Capacity (Gallons)	Status
UST-1	Hollowbore 59/60 Lathes Cutting Oil Holding Tank	V	11,000	P
UST-2	Hollowbore 59/60 Horizontal Lathes Intermediate Cutting Oil Tank	V	240	R
UST-3	Hollowbore 58 Horizontal Lathe Clean Cutting Oil Tank	V	5,500	R
UST-4	Hollowbore 58 Horizontal Lathe Dirty Cutting Oil Tank	V	5,000	R
UST-5	Tacchi Cutting Oil Tank	V	2,500	R
UST-6	Office Building Heating Oil UST	G	600	P
UST-7	5,000-Ton Press Hydraulic Oil Tank	V	4,000	R
UST-8	Ring Expander Hydraulic Oil Tank	V	300	R
UST-9	Ring Mill Coolant Tank	V	500	R
UST-10	Ring Mill Coolant Tank	V	500	R
UST-11	Quench Tank 5 (Q5)	V	-	R
UST-12	Quench Tank 6 (Q6)	V	5,000	R
UST-13	Quench Tank 7 (Q7)	V	-	R
UST-14	Quench Tank 8 (Q8)	V	-	R
UST-15 through UST-22	Decommissioned Diesel Storage Area Tanks (8 tanks)	V	96,000	P
UST-23	Former Regulated Gasoline UST	G	8,000	R
UST-24	Former Unregulated UST	G	2,000	R
UST-25	Former Unregulated UST	G	1,000	R
UST-26 through UST-35	Decommissioned Oil Storage Area Tanks (10 tanks)	V	150,000	P

Tank ID	Description	Containment	Capacity (Gallons)	Status
UST-36	Waste Oil Tank	V	2,000	R
UST-37	West Craven Lathe	V	30	R
UST-38	East Craven Lathe	V	100	R
UST-39	Quench Tank 1 (Q1)	V	13,000	R
UST-40	Quench Tank 2 (Q2)	V	13,000	R
UST-41	Quench Tank 3 (Q3)	V	-	R
UST-42	Arc Furnace Hydraulic Oil Tank	V	500	P
UST-43	Arc Furnace Hydraulic Oil Tank	V	500	P
AST-1	Former Cutting Oil Supply Tank	C	4,000	R
AST-2	660-Ton Press Hydraulic Oil Tank	C	700	R
AST-3	1,250-Ton Press Hydraulic Oil Tank	C	1,000	R
AST-4	L and F Press Hydraulic Oil Tank	C	700	R
AST-5	Used Oil Centrifuge	C	1,200	P
AST-6	Clean Hydraulic Oil Tank	C	6,000	P
AST-7	2,500 Ton Press Hydraulic Oil Tank	C	1,500	R
AST-8	Quench Tank 4 (Q4)	C	-	R
AST-9	Quench Tank 9 (Q9)	C	-	R
AST-10	Former Gasoline AST	C	300	R
AST-11	Diesel Fuel Tank	C	300	P

NOTES

1. Figure adapted from client file, *141500101002_1-8.dwg*, prepared by PES Environmental, Inc. dated July 2017, and *01012802-006.dwg*, prepared by Achor Environmental, LLC and Farallon Consulting. Property Boundary from client file, *11078 Topo E-MAIL.dwg*, prepared by Anchor QEA, LLC., Dated Jan 24, 2012.

0 120 240

Scale in Feet

ABBREVIATIONS

AST = Aboveground Storage Tank
UST = Underground Storage Tank
V = Within Vault
C = Within Containment
G = Directly within Soil
- = Unknown
R = Removed
P = Present

Jorgensen Forge Facility
8531 East Marginal Way S
Tukwila, Washington

ASTs AND USTs

April 2020 21-1-12596-013

SHANNON & WILSON, INC. GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

FIG. 15

Filename: E:\21\12596\013\21-1-12596-013 ASTs and USTs.dwg Layout: Figure 15 Date: 03-23-2020 Login: JRS



Photo 01, Facing West, Admin Building Heating Oil Tank Excavation, 1/29/2024



Photo 02, Facing North, Admin Building Heating Oil Tank Excavation, 1/29/2024



Photo 03, Facing Northwest, Admin Building Heating Oil Tank Excavation, 1/29/2024



Photo 04, Facing North, Admin Building Heating Oil Tank Excavation, 1/29/2024

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

February 26, 2024

David Hill
DH Environmental, Inc.
1011 SW Klickitat Way, Suite 107
Seattle, WA 98103

Re: Analytical Data for Project Star Forge HOT Characterization
Laboratory Reference No. 2402-292

Dear David:

Enclosed are the analytical results and associated quality control data for samples submitted on February 23, 2024.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,



David Baumeister
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: February 26, 2024
Samples Submitted: February 23, 2024
Laboratory Reference: 2402-292
Project: Star Forge HOT Characterization

Case Narrative

Samples were collected on February 23, 2024 and received by the laboratory on February 23, 2024. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below. However the soil results for the QA/QC samples are reported on a wet-weight basis.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: February 26, 2024
Samples Submitted: February 23, 2024
Laboratory Reference: 2402-292
Project: Star Forge HOT Characterization

HYDROCARBON IDENTIFICATION
NWTPH-HCID

Matrix: Product
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Oil Tank-022324**					
Laboratory ID:	02-292-01					
Gasoline Range Organics	**ND**	98000	NWTPH-HCID	2-23-24	2-23-24	U1
Diesel Fuel #2	**Detected**	240000	NWTPH-HCID	2-23-24	2-23-24	
Lube Oil Range Organics	**ND**	490000	NWTPH-HCID	2-23-24	2-23-24	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	---	*50-150*				S

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: February 26, 2024
Samples Submitted: February 23, 2024
Laboratory Reference: 2402-292
Project: Star Forge HOT Characterization

HYDROCARBON IDENTIFICATION
NWTPH-HCID
QUALITY CONTROL

Matrix: Product
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0223P1					
Gasoline Range Organics	**ND**	10	NWTPH-HCID	2-23-24	2-23-24	
Diesel Range Organics	**ND**	25	NWTPH-HCID	2-23-24	2-23-24	
Lube Oil Range Organics	**ND**	50	NWTPH-HCID	2-23-24	2-23-24	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*77*	*50-150*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: February 26, 2024
Samples Submitted: February 23, 2024
Laboratory Reference: 2402-292
Project: Star Forge HOT Characterization

PCBs EPA 8082A

Matrix: Oil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Oil Tank - 022324**					
Laboratory ID:	02-292-01					
Aroclor 1016	**ND**	1.0	EPA 8082A	2-23-24	2-23-24	
Aroclor 1221	**ND**	1.0	EPA 8082A	2-23-24	2-23-24	
Aroclor 1232	**ND**	1.0	EPA 8082A	2-23-24	2-23-24	
Aroclor 1242	**ND**	1.0	EPA 8082A	2-23-24	2-23-24	
Aroclor 1248	**ND**	1.0	EPA 8082A	2-23-24	2-23-24	
Aroclor 1254	**ND**	1.0	EPA 8082A	2-23-24	2-23-24	
Aroclor 1260	**ND**	1.0	EPA 8082A	2-23-24	2-23-24	
Aroclor 1262	**ND**	1.0	EPA 8082A	2-23-24	2-23-24	
Aroclor 1268	**ND**	1.0	EPA 8082A	2-23-24	2-23-24	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*100*	*59-125*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: February 26, 2024
Samples Submitted: February 23, 2024
Laboratory Reference: 2402-292
Project: Star Forge HOT Characterization

PCBs EPA 8082A
QUALITY CONTROL

Matrix: Oil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0223P1					
Aroclor 1016	**ND**	1.0	EPA 8082A	2-23-24	2-23-24	
Aroclor 1221	**ND**	1.0	EPA 8082A	2-23-24	2-23-24	
Aroclor 1232	**ND**	1.0	EPA 8082A	2-23-24	2-23-24	
Aroclor 1242	**ND**	1.0	EPA 8082A	2-23-24	2-23-24	
Aroclor 1248	**ND**	1.0	EPA 8082A	2-23-24	2-23-24	
Aroclor 1254	**ND**	1.0	EPA 8082A	2-23-24	2-23-24	
Aroclor 1260	**ND**	1.0	EPA 8082A	2-23-24	2-23-24	
Aroclor 1262	**ND**	1.0	EPA 8082A	2-23-24	2-23-24	
Aroclor 1268	**ND**	1.0	EPA 8082A	2-23-24	2-23-24	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*90*	*59-125*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS											
Laboratory ID:	SB0223P1										
	SB	SBD	SB	SBD		SB	SBD				
Aroclor 1260	**9.48**	**9.36**	9.84	9.88	N/A	**96**	**95**	48-121	2	31	
Surrogate:											
DCB						*93*	*92*	*59-125*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: DH Environmental
Project Number:
Project Name: Star Forge HOT characterization
Project Manager: D Hill
Sampled by: N. Moxley

Turnaround Request (in working days)

(Check One)

- ☐ Same Day
- ☒ 1 Day
- ☐ 2 Days
- ☐ 3 Days
- ☐ Standard (7 Days)
- ☐ _____ (other)

Laboratory Number: 02-292

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (SG Clean-up☐)	Volatiles 8260	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664					% Moisture
1	Oil Tank-022324	2/23/24	0730	Oil	1	X									X												

	Signature	Company	Date	Time
Relinquished		DHE	2/23/24	1240
Received		ONE	2/23/24	1240
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Data Package: Standard ☒ Level III ☐ Level IV ☐

Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	WAD000602813	1	800-337-7455	STR-HOT-022824

GENERATOR

5. Generator's Name and Mailing Address
Star Forge LLC DBA Jorgensen Forge
8531 E Marginal Way S
Seattle WA 98108
Att: Wayne R Turk
Generator's Phone: 206 255-8177

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: DH Environmental Inc — U.S. EPA ID Number: WAH000047217

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Marine Vacuum Services Inc
1516 S Graham Street
Seattle WA 98108
Facility's Phone: — U.S. EPA ID Number: WAD980974521

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
X	1. NA1993, Combustible liquid, n.o.s. (Diesel), PGIII	01	TT	1600	G	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
1) Profile# ERG#128

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: WAYNE R. TURK — Signature — Month 02 Day 28 Year 24

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Al Lentana — Signature — Month 02 Day 28 Year 24

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month 02 Day 28 Year 24

169-BLC-O 5 11977 (Rev. 9/09)

TRANSPORTER #1

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	WAD000602813	1	800-337-7455	STR-HOT-022824

5. Generator's Name and Mailing Address: Star Forge LLC DBA Jorgensen Forge, Attn: Wayne R Turk, 8531 E Marginal Way S, Seattle WA 98108 — Generator's Site Address (if different than mailing address)

Generator's Phone: 206 255-8177

6. Transporter 1 Company Name: DH Environmental Inc — U.S. EPA ID Number: WAH000047217

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: Marine Vacuum Services Inc, 1516 S Graham Street, Seattle WA 98108 — U.S. EPA ID Number

BILL OF LADING

PRODUCT TRANSPORT MANIFEST

MARINE VACUUM SERVICE, INC.

24 HOUR EMERGENCY PHONE NUMBER (206) 762-0240

FAX NUMBER 206-763-8084

TRUCK NUMBER_____ DATE 8-28-24

N° 33397

TO
DESTINATION
NAME Marine Vacuum Service, Inc.
STREET 1516 South Graham Street
CITY/STATE Seattle, WA 98108

FROM
SHIPPER
NAME DH Environmental
STREET 8531 E Marginal Wy
CITY/STATE Seattle, WA.

QUANTITY	PROPER SHIPRING NAME	UN (PLACARD) NUMBER
1600 gal	Use Diesel & Water 70% wash Cut 30%	
	SLUDGE	

RECEIVER DATE SHIPPER DATE

TVS - Roy 2/28/24 X

NOTE:

Customer warrants that the waste petroleum products being transferred by the above collector do not contain any contaminates including without limitations, pesticides, chlorinated solvents at concentrations greater than 1000 PPM, any detectable levels of PCBs, or any other material classified as dangerous or hazardous waste by 40 CFR Part 261, Subpart C and D (implementing the Federal Resource Conservation and Recover Act), or by any equivalent state dangerous or hazardous substance classification programs. Should laboratory tests find this waste not in compliance with 40 CFR Part 261, customer (generator) agrees to pay for all disposal costs incurred.

DESIGNATED FACILITY

☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

17b. Alternate Facility (or Generator) — Manifest Reference Number: — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name TVS - Roy — Signature — Month 8 Day 28 Year 24

169-BLC-O 5 11977 (Rev. 9/09)

TRANSPORTER #1