

April 2, 2026

Sunny Becker
Washington Department of Ecology
Toxics Cleanup Program
Northwest Regional Office
15700 Dayton Avenue North
Shoreline, Washington

SUBJECT: REVISED BENCH-SCALE TEST REPORT
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast, Seattle WA
Project Number: 0651-002-08

Dear Mrs. Becker:

On behalf of the Lutheran Retirement Home of Greater Seattle, SoundEarth Strategies, Inc. (SoundEarth) has prepared this Revised Bench-Scale Test Report for the Plastic Sales and Service Site (the Site). The objective of the bench-scale test was to evaluate the feasibility of using sodium permanganate (NaMnO_4), a chemical oxidant, to treat chlorinated volatile organic compounds (CVOCs) in soil and groundwater within the deep-water-bearing zones (DWZ) at the Site.

SITE DESCRIPTION

Under the Agreed Order No. DE 7084 dated September 14, 2009 (AO), the Site is defined as the extent of hazardous substances at 6870 Woodlawn Avenue Northeast (the former Dry Cleaner Property). In 2009, the Site was defined by the extent of contamination caused by the releases of hazardous substances at the former Dry Cleaner Property and included the following:

- Former Dry Cleaner Building property
- The property adjoining the former Dry Cleaner property to the north, located at 6869 Woodlawn Avenue Northeast
- The property adjoining the former Dry Cleaner property to the south, located at 6565 4th Avenue Northeast
- The property adjoining the former Dry Cleaner property to the west, located at 6850 Woodlawn Avenue Northeast
- Portions of the western alley, and Woodlawn Avenue Northeast and 4th Avenue Northeast rights-of-way (ROWS; Woodlawn Avenue ROW and 4th Avenue ROW, respectively)

BACKGROUND

Groundwater treatment was implemented at the Site in 2019 by injecting Electron Donor Solution-Extended Release (carbon substrates) into 34 pairs of injection wells to stimulate the anaerobic biological degradation of tetrachloroethene (PCE), trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), and

vinyl chloride (VC), which are the contaminants of concern (COCs) for the Site. Evidence gathered from groundwater monitoring and sampling events performed since 2019 demonstrates that the injectate successfully degraded PCE and TCE to concentrations below cleanup levels in the majority of deep watering zones (DWZ). As anticipated, cis-1,2-DCE and VC concentrations increased substantially after 2019 but have decreased with time; however, concentrations of these analytes still exceed applicable groundwater cleanup levels in DWZ.

SoundEarth performed supplemental investigations at the Site in 2021 and 2022. Those investigations included the installation of temporary monitoring wells DZ-B01 to DZ-B09 in the DWZ. The monitoring wells were screened at multiple intervals to profile the vertical distribution of CVOCs. Results from groundwater samples collected from temporary monitoring wells indicated elevated concentrations of CVOCs in the DWZ beneath the 4th Avenue ROW. The presence of CVOCs in the DWZ in the 4th Avenue ROW is beyond the known extent of the CVOCs plume in 2019 when groundwater treatment was implemented. The Site now includes the 4th Avenue ROW to the north of the intersection with the Woodlawn Avenue Northeast ROW. The location of the temporary monitoring wells and the current extent of CVOCs in the groundwater are shown in Figure 1.

In response to the elevated residual concentrations of CVOCs in the groundwater at the Site and the presence of the CVOC in DWZ beneath the 4th Avenue ROW, SoundEarth, with the approval of the Washington State Department of Ecology (Ecology), performed a pilot test that included injecting EDS-ER combined with liquid zero-valent iron (ZVI) in selected injection wells. Results from the pilot show that introducing EDS-ER combined with liquid ZVI into the groundwater at the Site did not lead to substantial decline in the concentrations of cis-1,2-DCE and VC, which was the primary objective of the pilot test. The results for the pilot test are presented in the *Technical Memorandum regarding the Analysis of ZVI and EDS-ER Pilot Test Results, Plastic Sales and Service Site, 6870 Woodlawn Avenue Northeast, Seattle, Washington*, dated January 16, 2025, and prepared by SoundEarth.

REMEDIAL ALTERNATIVE ANALYSIS/PREFERRED REMEDIES

Based on results from the supplemental investigations and the current extent of the CVOC plume in the DWZ, SoundEarth developed a series of remedial alternatives for the Site as presented in Tables 1 and 2. The remedial alternative includes:

1. **Monitored Natural Attenuation:** Reliance on natural attenuation processes to degrade CVOCs.
2. **Enhance Reductive Dechlorination (ERD):** Reliance on the introduction of carbon substrate into the groundwater to simulate the biological-mediated degradation of CVOCs. This process occurs under strongly reducing conditions.
3. **ERD (Biostimulation) and Bioaugmentation:** Reliance on EDR combined with appropriate bacterial cultures (i.e., *Dehalococcoides* spp.) to promote complete degradation of CVOCs via the anaerobic reductive dichlorination pathway.
4. **Sodium Permanganate:** Reliance on the introduction of a chemical oxidant to oxidize CVOCs to non-toxic end products. NaMnO_4 is an effective chemical oxidant that is proven to oxidize CVOCs in soil and groundwater.

Based on an analysis of the feasibility of each remedial alternative, the preferred remedy is to inject a chemical oxidant into the DWZ to oxidize to degrade CVOCs. SoundEarth, in consultation with Ecology,

determined that treating the DWZ with NaMnO_4 was the preferred treatment option to attain compliance with the groundwater cleanup levels for CVOCs within a reasonable restoration time frame.

BENCH-SCALE TESTING

To test the efficacy of using NaMnO_4 to treat CVOC in the DWZ, SoundEarth, in consultation with Ecology, performed a bench-scale test consisting of soil oxidant demand (SOD) and CVOC destruction testing. The bench-scale test was performed by PRIMA Environmental, Inc. (PRIMA) of El Dorado Hills, California. Analytical laboratory services will be provided by Enthalpy Analytical of Orange, California, and/or McCampbell Analytical of Pittsburg, California, under subcontract to PRIMA. A detailed discussion of the bench scale test is presented in the *Bench-Scale Test Work Plan, Plastic Sales and Service Site 6870 Woodlawn Avenue Northeast, Seattle, Washington*, prepared by SoundEarth and dated August 13, 2025.

The scope of work for the bench scale test included the following elements:

- Installing four soil borings and converting the borings to injection wells in the 4th Avenue Northeast ROW.
- Collecting soil and groundwater from the boring and injection wells for chemical oxidation bench-scale testing.
- Performing bench-scale testing for SOD and CVOC destruction testing at the PRIMA facility in El Dorado Hill, California.
- Compiling the results from bench-scale testing and preparing the technical memorandum presenting the results from bench-scale testing.

A discussion of the soil borings advancement, well installation, and results from the bench-scale testing is presented below.

SOIL BORING AND INJECTION WELL INSTALLATION

Four soil borings (B38 to B41) were advanced in the 4th Avenue Northeast ROW and converted to injection wells (IW69 to IW72) to collect soil and groundwater from the DWZ for chemical oxidation bench-scale testing and to serve as injection wells, if necessary. These locations were selected because, in 2021, the PCE, TCE, cis-1,2-DCE, and VC concentrations in groundwater at temporary monitoring wells DZ-BO2 and DZ-BO3 exceeded their cleanup levels by several orders of magnitude, representing the worst-case scenario to test the efficacy of chemical oxidant treatment. The soil boring/injection well locations are shown on Figure 1.

Utility Locates

Before commencement of field activities, SoundEarth conducted public and private utility locates to identify subsurface features. The public utility locates were conducted by calling the one-call utility notification center to locate all public utilities. Private utility locates were conducted by C-N-I Locates, Ltd. of Bonney Lake, Washington.

Soil Borings

Between November 11 and 13, 2025, Cascade Dilling Services Inc., of Bothell, Washington, advanced the soil borings (B38 through B41) in the 4th Avenue Northeast ROW under the observation of a SoundEarth

geologist. The soil borings were completed as injection wells IW-69 through IW-72. The soil borings were advanced to a maximum depth of approximately 55 feet below ground surface (bgs) within the DWZ using a sonic drill rig. Discrete soil samples were collected from the soil borings at 5-foot-depth intervals and described in general accordance with ASTM International Method D2488-17. Samples were screened in the field for potential evidence of contamination using visual observations and notations of odor and by conducting headspace analysis using a photoionization detector (PID) to detect the presence of volatile organic vapors. A summary of field screening results is as follows:

- B38/IW69. PID measurements ranged from 23.9 and 45.4 parts per million by volume (ppmv) in discrete soils sample collected between 25 and 40 feet bgs. PID readings above 1.5 ppmv were not observed in the 0 to 20 feet bgs soil profile.
- B39/IW70. PID measurements ranged from 27 and 75.6 ppmv in discrete soils sample collected between 25 and 35 feet bgs. PID readings above 1.0 ppmv were not observed in the 0 to 20 feet bgs soil profile.
- B40/IW71. PID measurements ranged from 7.4 and 15.2 ppmv in discrete soils sample collected between 30 and 45 feet bgs. PID readings above 1.0 ppmv were not observed in the 0 to 25 feet bgs soil profile.
- B41/IW72. PID measurements ranged from 2.2 and 2.6 ppmv in discrete soils sample collected between 20 and 35 feet bgs. PID readings above 1.0 ppmv were not observed in the 0 to 25 feet bgs soil profile.

Soil observed in the upper 20 feet consisted of fine to medium sandy silt with 5 to 15 percent gravel. Soil observed between 20 and 35 feet bgs generally consisted of silty fine to medium sand with 25 to 35 percent gravel. A layer of silty subrounded gravel with sand was observed between 25 and 28 feet bgs in soil borings B38, B39, and B40. Soil observed between 35 and 50 feet bgs in soil boring B38 consisted of silty fine sand and silty fine to medium sand with 5 to 20 percent gravel. Soil observed between 35 and 50 feet bgs in soil boring B40 consisted of a 3-foot-thick layer of silty subrounded gravel with sand from 35 to 38 feet bgs, underlain by silty fine to medium sand with 25 to 35 percent gravel. At the time of drilling, wet soil conditions were first observed between 20 and 23 feet bgs.

Based on field screening results, one soil sample was collected from soil boring B39 at a depth of 10 feet bgs (B39-10) (PID measurement of 0.7 ppmv), placed on ice in a cooler, and delivered to OnSite Environmental Inc. under standard chain-of-custody protocols for laboratory analysis of CVOCs by the US Environmental Protection Agency's (EPA's) Method 8260D. PCE, TCE, cis-1,2-DCE, trans-1,2-dichloroethene (trans-1,2-DCE), and VC were not detected above the laboratory method reporting limit.

Soil samples representative of the DWZ geologic material were selected from each sampled boring, placed on ice in a cooler, and delivered to PRIMA under standard chain-of-custody protocols for bench-scale testing.

Injection Well Installation/Development

Following completion of each soil boring, an injection well was installed and screened over a 15-foot interval within the DWZ. Injection wells IW-70 and IW-72 were screened between 20 and 35 feet bgs and injection wells IW-69 and IW-71 between 35 and 50 feet bgs. The injection wells were constructed using 2-inch-diameter blank Schedule 40 PVC casing with 15 feet of 0.020-inch slotted well screen. The wells

were completed with a flush-mounted, traffic-rated well box set in concrete. Each injection well was developed after installation by purging approximately 65 to 110 gallons of water using a submersible pump and dedicated polyethylene tubing. Boring logs and well construction details are presented in Attachment A.

GROUNDWATER SAMPLING, CHEMICAL ANALYSES, AND RESULTS

On November 20, 2025, the newly installed injection wells were sampled in accordance with the EPA April 1996 guidance document (Puls and Barcelona 1996). Prior to sampling, SoundEarth opened the injections wells to allow water levels to equilibrate with atmospheric pressure for a minimum of 30 minutes before obtaining groundwater-level measurements. At the time of sampling, depths to groundwater in the injections wells ranged from 12.27 feet (IW69) to 12.77 feet (IW72) below the top of the casings.

Purging and sampling of groundwater were performed using a peristaltic pump and dedicated polyethylene tubing. During purging, water quality was monitored using a YSI water quality meter equipped with a flow-through cell. The six water quality parameters that were monitored and recorded during well purging included temperature, pH, specific conductivity, dissolved oxygen (DO), turbidity, and oxidation-reduction potential (ORP). After collection, groundwater samples were labeled, placed on ice in a cooler, and delivered to OnSite Environmental, Inc. under standard chain-of-custody protocols for laboratory analysis of CVOCs by EPA Method 8260D; nitrate by EPA 353.2; chloride by SM 4500-Cl E; ferrous iron by SM3500-Fe-B; total iron and total manganese by EPA Method 200.7; sulfate by ASTM D516-16; total organic carbon (TOC) by SM5310B, and dissolved gases (methane, ethane, and ethene) by RSK 175. Samples were also submitted to SiREM for laboratory analysis of volatile fatty acids (VFA) by Ion Chromatography with Electrical Conductivity Detection. Groundwater samples were placed on ice in a cooler and delivered to PRIMA under standard chain-of-custody protocols for bench-scale testing.

- PCE was detected at concentrations ranging between 280 and 32,000 micrograms per liter (µg/L). TCE was detected at concentrations between 30 and 1,500 µg/L. cis-1,2-DCE was detected at concentrations between 7.3 and 1,600 µg/L. VC was detected at concentrations between 0.86 and 210 µg/L.
- Nitrate was not detected above the laboratory method reporting limit (0.050 mg/L).
- Chloride was detected at concentrations ranging between 8.4 and 24 mg/L.
- Total iron was detected at concentrations ranging between 0.085 and 0.47 mg/L. Ferrous iron was detected at a concentration of 0.387 mg/L in IW69 but was not detected above the laboratory reporting limit in the remaining groundwater samples. Ferric iron concentration ranged from 0.08 to 0.27 mg/L.
- Total manganese was detected at concentrations ranging between 0.031 and 0.097 mg/L.
- Sulfate was detected at concentrations ranging between 27 and 42 mg/L.
- TOC was detected at concentrations of 1.3 and 2.1 mg/L in injection wells IW71 and IW70, respectively; TOC was not detected in IW69 and IW71 above the laboratory method reporting limit (1.0 mg/L). VFAs were not detected above the laboratory method reporting limit.
- VFA were not detected in groundwater samples at concentrations of greater than the laboratory reporting limits.
- Methane was detected at concentrations ranging between 0.023 to 0.67 mg/L.

- Ethene and ethane were detected at concentrations ranging between 0.0023 to 0.0580 mg/L and 0.0085 and 0.0110mg/L, respectively.
- DO measurements ranged between 0.19 and 5.67 mg/L.
- ORP measurements ranged between -309 and -580 millivolts (mV).

Groundwater analytical results indicate elevated concentrations of CVOCs in each injection well. The highest concentrations of CVOCs are present in injection wells IW69 (screened 35 to 50 feet bgs) and IW70 (screened 20 to 35 feet bgs). These results confirm the concentrations of CVOCs in groundwater collected from temporary monitoring wells DZ-B02 and DZ-B03 in 2022. The groundwater geochemical results provide conflicting information as to whether anaerobic and aerobic conditions are present in the groundwater. This is exemplified by concentrations of dissolved oxygen greater than 1 mg/L and ORP measurements less than -250 mV. However, the presence of cis-1,2-DCE and VC in the groundwater suggests that anaerobic conditions are present. The presence of detectable ethane and ethene suggests that VC is degrading under anaerobic conditions.

Groundwater elevations and analytical results are presented in Tables 1 through 7. The laboratory analytical reports are included in Attachment B.

BENCH-SCALE TEST

The bench-scale test was performed by PRIMA. Analytical laboratory services were provided by Enthalpy Analytical of Orange, California, and/or McCampbell Analytical of Pittsburg, California, under subcontract to PRIMA. The bench-scale test consisted of SOD and CVOc destruction testing. PRIMA's Report of Findings "Bench-scale Evaluation of Sodium Permanganate for Destruction of CVOcs in Soil and Groundwater" (PRIMA's Report) is presented in Attachment C.

Soil Preparation and Characterization

Soil collected from the soil borings/monitoring wells (B38/IW-69 and B39/IW-70) were sieved by PRIMA to remove particles greater than 4 mesh and then homogenized. The homogenized soil consisted primarily of silty fine to medium sand with gravel, representative of the SWZ. The homogenized soil was analyzed for CVOcs by EPA Method 8260D, total chromium and total manganese by EPA Method 6020/200.8, hexavalent chromium (Cr[VI]) by EPA Method 7199, TOC by EPA Method 9060, and moisture content by oven drying. The homogenized soil analytical results are summarized in Table 4 of PRIMA's Report. Untreated soil analytical results are as follows:

- PCE, TCE, and cis-1,2-DCE were detected at concentrations of 200, 4.6, and 6.9 micrograms per kilogram ($\mu\text{g/kg}$), respectively. VC was not detected above the laboratory method reporting limit ($0.7 \mu\text{g/kg}$).
- Total chromium was detected at a concentration of 21 mg/kg; Cr(VI) was not detected above the laboratory method reporting limit (0.200 mg/kg).
- Total manganese was detected at a concentration of 200 mg/kg.
- TOC was detected at a concentration of 570 mg/kg.

Groundwater Preparation and Characterization

Groundwater collected from IW-69 through IW-72 were homogenized in a manner to minimize exposure to oxygen and loss of volatile compounds. The homogenized groundwater were analyzed for CVOs by EPA Method 8260D; alkalinity by SM 2320B; nitrate, sulfate, and chloride by EPA Method by 300.1; dissolved chromium and manganese by EPA Method 6020/200.8; and Cr(VI) by EPA Method 218.6. pH, DO, and ORP was measured using a portable meter. The homogenized groundwater analytical results are summarized in Table 4 of PRIMA's Report. Untreated groundwater analytical and field parameter results are summarized as follows:

- PCE, TCE, cis-1,2-DCE, and VC were detected at concentrations of 7,700, 330, 410, and 28 µg/L, respectively.
- Sulfate and chloride were detected at 37 and 12 mg/L, respectively. Nitrate was not detected above the laboratory analytical method (0.05 mg/L).
- Alkalinity was detected at a concentration of 250 mg/L.
- Dissolved manganese was detected at a concentration of 66 µg/L.
- Dissolved chromium was not detected above the laboratory method reporting limit (4.0 µg/L). Cr(VI) was detected at a concentration of 0.44 µg/L.
- pH was measured at 7.89 units. DO and ORP were measured at 4.5 mg/L and -192 mV, respectively.

In general, the homogenized groundwater (untreated groundwater subject to testing) analytical results and field parameter measurements are consistent with data associated with the groundwater samples collected from IW69 through IW72 collected on November 20, 2025.

Soil Oxidant Demand Test and Results

A SOD test was performed as part of the bench-scale test to measure the amount of chemical oxidant (i.e., NaMnO_4) consumed by soil organic matter, reduced minerals, and other non-target, naturally occurring substances in the soil. It is a critical screening tool to ensure that sufficient chemical oxidant is added to overcome natural soil demand. SOD is calculated using the following equation (PRIMA Report Equation 6):

$$\text{SOD} = ([\text{Ox}]_{\text{init}} - [\text{Ox}]_t) \times (V/M)$$

Where:

- SOD is soil oxidant demand, in g (or mg) oxidant/kg soil
- $[\text{Ox}]_{\text{init}}$ is the initial concentration of oxidant, in g (or mg) oxidant/L
- $[\text{Ox}]_t$ is the concentration of oxidant at time, t, in g (or mg) oxidant/L
- V is total volume of the aqueous phase, in L
- M is mass of soil, in kg

The SOD were measured over time using three different doses of NaMnO_4 . Three series of five vials, each containing 20 grams of soil and 20 milliliters of either 1,080, 5,300, or 22,800 mg NaMnO_4 /L solution, were

tested. At approximately 4 hours, 24 hours, 48 hours, 7 days, and 14 days, one vial from each series was destructively sampled (sacrificed) and the water analyzed for NaMnO_4 using a visible spectroscopy meter. The SOD laboratory analytical data and illustrations are summarized on Figure 1 of PRIMA's Report. The SOD testing results are summarized as follows:

- By day 1 NaMnO_4 was fully consumed when the initial concentration was 1,080 mg NaMnO_4/L .
- By Day 2, the SOD was estimated at 1,950 mg NaMnO_4/kg soil (medium dosage) and 3,600 mg NaMnO_4/kg soil (high dosage), with an average of 2,775 mg NaMnO_4/kg soil.
- By Day 14, the SOD had increased to 2,800 mg NaMnO_4/kg soil and 4,800 mg NaMnO_4/kg soil in the medium and high dose tests, respectively.

In general, SOD increases with increasing NaMnO_4 dose because at higher doses the oxidant reacts with a broader range of naturally occurring substances in the soil.

Theoretical Oxidant Demand due to CVOCs

The calculated theoretical oxidant demand due to the presence of CVOCs is estimated at 0.22 mg NaMnO_4/kg soil and 11 mg NaMnO_4/L groundwater. The theoretical oxidant demand is calculated as follows (PRIMA Report Equation 5):

$$OD_{CVOCss} = \sum_{i=1}^i CVOCs_i \times SR_i$$

Where:

- OD_{CVOCss} is total theoretical oxidant demand due to COCs, in g/kg for soil or g/L for water
- $[CVOC]_i$ is concentration of i th CVOC in matrix, in g/kg for soil or g/L for water
- SR_i is the stoichiometric oxidant requirement (g oxidant / g COC) of the i th COC based on theoretical equations for conversion of the COC to CO_2 .

The 2-day SOD was estimated at an average of 2,775 mg NaMnO_4/kg soil (or 2.775 g NaMnO_4/kg soil); therefore, SOD, rather than the theoretical oxidant demand for CVOCs, will control the amount of NaMnO_4 required as part of chemical oxidation treatment.

CVOC Destruction Testing and Results

CVOCs destruction testing was performed to evaluate effectiveness of using NaMnO_4 chemical oxidant to destroy CVOCs. The percent remaining and destroyed in the CVOC Removal tests were calculated by comparing the mass of each CVOCs in the test reactor to the mass in the Time 0 reactor using the following equations (PRIMA Report Equations 7 to 9):

- Percent Remaining in Water = $100 \times (C_{aq}V_{aq}) / (C_{aq,T0}V_{aq} + C_{s,T0}M_s)$
- Percent Remaining in Soil = $100 \times (C_sM_s) / (C_{aq,T0}V_{aq} + C_{s,T0}M_s)$
- Percent Destroyed = $100 - (\% \text{ Remaining in Water} + \% \text{ Remaining in Soil})$

Where:

- C_{aq} is the aqueous concentration ($\mu\text{g}/\text{L}$) in the control or test,

- $C_{aq,T0}$ is the aqueous concentration ($\mu\text{g/L}$) in the Time 0 sample
- C_s is the soil concentration (mg/kg) in the control or test
- $C_{s,T0}$ is the soil concentration (mg/kg) at Time 0
- V_{aq} is the aqueous volume of the control or test
- M_s is the mass (kg) of the soil in the control or test

To perform the destructive testing control and treatment reactors were prepared using 1-liter (nominal volumes) glass bottles with homogenized soils and groundwater to yield an approximate 1:3 ratio by weight (total of 10 reactors). A control reactor was constructed that did not receive chemical oxidant. Based on the SOD testing results, the treatment reactors were amended at a dosage of 3.6 g NaMnO_4/kg soil (2 day SOD at high dose). A summary of CVOC Destruction Testing is summarized in the table below:

Test	# Replicates	Treatment	Estimated Sample Times (days)
Time 0	1	None	0
Control	2	None	7 and 28
Reactor-Low	2	0.75x SOD = 0.9 g NaMnO_4/L ; 2.7 g NaMnO_4/kg soil	7 and 28
Reactor-Medium	2	1x SOD = 1.2 g NaMnO_4/L ; 3.6 g NaMnO_4/kg soil	7 and 28
Reactor-High	2	1.25x SOD = 1.5 g NaMnO_4/L ; 4.5 g NaMnO_4/kg soil	7 and 28

At the test times specified, the Time 0, control reactors, and treatment reactors were sacrificed (i.e., disposed of), after soil and water samples are collected from the reactors. The samples were analyzed for the following analytes:

- Water:
 - CVOCs by EPA Method 8260D.
 - Dissolved chromium and manganese by EPA Method 6020/200.8.
 - Cr(VI) was not measured directly due to presence of permanganate which interferes with Cr(VI) analysis; therefore, dissolved chromium was assumed to be present only as Cr(VI).
 - NaMnO_4 using a portable visible spectroscopy meter.
 - pH and ORP using a portable meter.
- Soil:
 - CVOCs by EPA Method 8260D.
 - Moisture content by oven drying.

The CVOC destructive testing laboratory analytical data are summarized in Tables 5 through 7 of PRIMA's Report. The CVOC destruction testing results are summarized as follows:

- CVOCs in groundwater were chemically oxidized to concentrations below the laboratory method reporting limit within 7 days (even at the low dose of 0.9 g NaMnO₄/L; 2.7 g NaMnO₄/kg soil).
- PCE in soil decreased from 700 to 20 µg/kg within 7 days and to below 1 µg/kg in 28 days.
- Based on mass balance calculations, CVOC mass decreased by 99 percent within 7 days.
- Inherent to the NaMnO₄, dissolve manganese concentrations and ORP measurements increased due to chemical oxidation treatment. pH was not affected.
- Treatment mobilized up to 250 µg/L dissolved chromium, which based on PRIMA's profession judgement was assumed to be present as Cr(VI). This condition is due to the oxidizing nature of NaMnO₄ which can oxidize Cr (III) to Cr(VI).

CONCLUSIONS/RECOMMENDATIONS AND SCHEDULE

The bench-scale study concluded that NaMnO₄ is favorable for in situ treatment of groundwater at the Site. NaMnO₄ chemical oxidized all CVOCs (PCE, TCE, cis-1,2-DCE and VC) in soil and groundwater, achieving greater than 99 percent reduction. The bench-scale test demonstrated that NaMnO₄ chemical oxidation is not selective, destroying all CVOCs and eliminating the accumulation of cis-1,2-DCE and VC.

SoundEarth proposes to proceed with development of a Pilot Study Work Plan for treatment of CVOCs within DWZ using NaMnO₄. The Pilot Study Work Plan will present the pilot study target treatment area/zone, NaMnO₄ design specifics (i.e., injection solution mass/concentration/volume), injection well network, and performance groundwater monitoring program. Given the generation of Cr(VI) that is inherent to the chemical oxidation process, the mobilization and attenuation of Cr(IV) will be monitored in the groundwater at monitoring wells located downgradient of the designated treatment area.

SoundEarth, on behalf of the Hearthstone, requests Ecology provide a formal written opinion on Ecology letterhead regarding this Technical Memorandum and concurrence for proceeding with preparation of the Pilot Study Work Plan.

LIMITATIONS

The services described in this report were performed consistent with generally accepted professional consulting principles and practices. No other warranty, express or implied, is made. These services were performed consistent with SoundEarth's agreement with the client. This report is solely for the use and information of the client unless otherwise noted. Any reliance on this report by a third party is at such party's sole risk.

Opinions and recommendations contained in this report are derived, in part, from data gathered by others, and from conditions evaluated when services were performed, and are intended only for the client, purposes, locations, time frames, and project parameters indicated. SoundEarth does not warrant and is not responsible for the accuracy or validity of work performed by others, nor from the impacts of changes in environmental standards, practices, or regulations subsequent to performance of services. SoundEarth does not warrant the use of segregated portions of this report.

CLOSING

SoundEarth appreciates the opportunity to provide you with environmental services for this project. Please contact the undersigned at 206-390-1600 with any questions or comments.

Respectfully,

SoundEarth Strategies, Inc.



Levi Fernandes, PE
Senior Environmental Engineer



Thomas Cammaratta
Principal

References

Puls, Robert W. and Michael J. Barcelona. 1996. "Low-Flow (Minimal Drawdown) Ground-Water Sampling Procedures." *Ground Water Issue*. US Environmental Protection Agency Publication No. EPA/540/S-95/504. April.

SoundEarth Strategies, Inc. (SoundEarth). 2025. *Technical Memorandum: Analysis of ZVI and EDS-ER Pilot Test Results, Plastic Sales and Service Site, 6870 Woodlawn Avenue Northeast, Seattle, Washington*. Prepared for Washington State Department of Ecology. January 16.

_____. 2025. *Technical Memorandum: Remedial Alternative, Plastic Sales and Service Site, 6870 Woodlawn Avenue Northeast, Seattle, Washington*. Prepared for Washington State Department of Ecology. January 21.

_____. 2025. *Bench-Scale Test Work Plan, Plastic Sales and Service Site, 6870 Woodlawn Avenue Northeast, Seattle, Washington*. Prepared for Washington State Department of Ecology. August 13.

_____. 2025. *Technical Memorandum: Lines of Evidence for No Further Treatment of Shallow Water-Bearing Zone, Plastic Sales and Service Site, 6870 Woodlawn Avenue Northeast, Seattle, Washington*. Prepared for Washington State Department of Ecology. February 10.

Attachments: Figure 1, Q4 2025 CVOCs in Groundwater and Groundwater Contour Map for the Deep Water-Bearing Zone
Table 1, Shallow Water-Bearing Zone CVOC Treatment Evaluation
Table 2, Deep Water-Bearing Zone CVOC Treatment Evaluation
Table 3, Summary of Groundwater Elevation Data
Table 4 Groundwater Analytical Results for CVOCs
Table 5, Natural Attenuation Parameters
Table 6, Geochemical and Water Quality Parameters
Table 7, Groundwater Analytical Results for Volatile Fatty Acids

Attachment A, Soil Boring Logs and Well Construction Details
Attachment B, Analytical Laboratory Reports
Attachment C, PRIMA's Bench-Scale Report

LMF:tch

FIGURES



SoundEarth
Strategies
WWW.SOUNDEARTHINC.COM

PLASTIC SALES & SERVICE SITE
6870 WOODLAWN AVENUE NORTHEAST
SEATTLE, WASHINGTON
SOUNDEARTH PROJECT #0651-002

FIGURE 1
Q4 2025 CVOCs in GROUNDWATER
AND GROUNDWATER CONTOUR MAP
FOR THE DEEP WATER-BEARING ZONE

TABLES



Table 1
Shallow Water-Bearing Zone CVOC Treatment Evaluation
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Technology	Description	Conceptual Approach	Advantages	Disadvantages
Monitored Natural Attenuation (MNA)	Reliance on natural attenuation processes to degrade chlorinated volatile organic compounds (CVOCs). Groundwater monitoring would be performed to evaluate the effectiveness of groundwater remediation (2019 and 2024 groundwater treatment), ensure natural attenuation processes are occurring, evaluate the stability of the CVOC plume, and confirm CVOCs are in compliance with groundwater cleanup levels.	Perform annual indoor air monitoring in the parking garage at 6884 Woodlawn Avenue Northeast (former Plastic Sales and Service Property), at 6900 East Green Lake Way North (at the intersection of 4th and Woodlawn rights-of-way [ROWS]), and in the Janke Building.	The vapor intrusion pathway has been demonstrated incomplete through two sub-slab soil gas and indoor air sampling events at the Janke Property.	The longest restoration time is likely up to 30 years given the reliance on natural attenuation processes.
		Collect groundwater samples from groundwater monitoring wells MW01 through MW03, MW05, MW06, MW15, MW19, MW21, MW24 through MW28, MW30, MW32, MW34, and MW36 for field parameter measurement and chemical analyses.	Tetrachloroethene (PCE) and trichloroethene (TCE) have been remediated to the maximum extent practicable in the shallow water-bearing zone. As of April 2025, PCE and TCE (parent CVOC compound) have not been detected at concentrations above the groundwater cleanup level in shallow water-bearing monitoring wells.	
		Collect groundwater samples from injection wells IW08, IW16, IW21, IW31, IW33, IW57, IW59, and IW61 for field parameter measurement and chemical analyses.	cis-1,2-dichloroethene (cis-1,2-DCE) and vinyl chloride (VC) will continue to degrade via direct oxidation due to aerobic geochemical conditions (particularly in the 4th Avenue Northeast ROW).	
		Includes annual performance groundwater monitoring and sampling. Submit groundwater samples for CVOCs and natural attenuation parameter analyses.		
Enhanced Reductive Dechlorination (ERD) (Biostimulation)	ERD is the process through which chlorine atoms attached to an organic compound are sequentially removed under anaerobic conditions. Application of ERD is comprised of biostimulation and sometimes bioaugmentation to modify existing geochemical and biological conditions in an aquifer to facilitate degradation of contaminants. Biostimulation refers to the introduction of an electron donor (carbon source) into the aquifer for stimulating microbial growth. The carbon source is used as food by native microbes, which in turn produce hydrogen through fermentation reactions. This process depletes the aquifer of dissolved oxygen and other electron accepters, including nitrate, sulfate, and ferric iron, which lowers the oxidation-reduction potential, thereby creating the conditions for reductive dechlorination to occur.	Update the existing Underground Injection Control (UIC) registration with the Washington State Department of Ecology's (Ecology's) UIC program.	The vapor intrusion pathway has been demonstrated incomplete through two sub-slab soil gas and indoor air sampling events at the Janke Property.	Potential for incomplete reductive dechlorination (i.e., cis-1,2-DCE accumulation/VC stall) due to inability to establish sufficiently reduced conditions in the groundwater and/or absence of or stimulation of indigenous microbial consortium.
		Inject emulsified vegetable oil (EVO) into existing injection/monitoring wells in the shallow water-bearing zone (MW03, MW15, IW16, IW21, IW30, IW31, IW33, IW35, IW59, and IW61) to serve as carbon substrate.	PCE and TCE have been successfully degraded to cis-1,2-DCE and VC in the presence of Emulsified Oil Substrate (EOS; 2019 and 2024 groundwater treatment).	Potential for downgradient migration of generated cis-1,2-DCE and VC .
		Perform 1 year of quarterly performance groundwater monitoring to evaluate the effectiveness and longevity of the EVO; perform annual groundwater monitoring thereafter. Results will be evaluated using qualitative and statistical methods.	At sufficient loading/injection volume, the anaerobic zone may extend beyond the radius of influence of the edible oil, extending downgradient treatment (i.e., beneath the ROW).	Potential expansion of CVOC groundwater plume, requiring further downgradient investigation to define plume boundary.
ERD (Biostimulation) and Bioaugmentation	See ERD. Bioaugmentation refers to the introduction of microbes, which may be required to accelerate the acclimation and biodegradation process if the existing microbial population is not adequate at the onset of treatment. At many sites, microbes capable of dechlorinating cis-1,2-DCE and VC are not present in sufficient quantities resulting in a condition referred to as "cis-1,2-DCE and VC stall." In those cases, bioaugmentation can be used in combination with biostimulation to achieve the necessary conditions to overcome stall and promote complete reductive dechlorination.	Update the existing UIC registration with Ecology's UIC program.	The vapor intrusion pathway has been demonstrated incomplete through two sub-slab soil gas and indoor air sampling events at the Janke Property.	If appropriate geochemical conditions are not established and/or microbial activity is not stimulated, there is the potential for incomplete reductive dechlorination, leading to downgradient migration of generated cis-1,2-DCE and VC and expansion of CVOC groundwater plume.
		Inject EVO into existing injection/monitoring wells in the shallow water-bearing zone (MW03, MW15, IW16, IW21, IW30, IW31, IW33, IW35, IW59, and IW61) to serve as carbon substrate.	PCE and TCE have been successfully degraded to cis-1,2-DCE and VC in the presence of EOS (2019 and 2024 groundwater treatment).	
		Inject KB-1®, as manufactured by SiRem (or similar microbial consortium), into select existing injection/monitoring wells in the shallow water-bearing zone for introduction of a microbial culture that contains Dehalococcoides (DHC), the group of microorganisms supportive of complete reductive dechlorination of chlorinated ethenes (PCE, TCE, cis-1,2-DCE, and VC) to non-toxic ethene.	At sufficient loading/injection volume, the anaerobic zone may extend beyond the radius of influence of the edible oil, extending downgradient treatment (i.e., beneath the ROW).	
		Perform 1 year of quarterly performance groundwater monitoring to evaluate the effectiveness and longevity of the EVO; perform annual groundwater monitoring thereafter. Results will be evaluated using qualitative and statistical methods.	If appropriate geochemical conditions are established, bioaugmentation with an enriched microbial consortium containing species of DHC may reduce the potential for incomplete reductive dechlorination.	



Table 1
Shallow Water-Bearing Zone CVOC Treatment Evaluation
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Technology	Description	Conceptual Approach	Advantages	Disadvantages
Sodium Permanganate	Permanganate has proven to be an effective chemical oxidant for the treatment of CVOCs (PCE, TCE, cis-1,2-DCE, and VC) in soil and groundwater. A solution of permanganate as a salt of either potassium or sodium is injected into the groundwater to chemically oxidize CVOCs. Liquid sodium-based permanganate can be injected at a higher concentration comparatively to solid potassium-based permanganate (i.e., requires mixing) due to solubility limits.	Secure a UIC registration with Ecology's UIC program (new registration given change in remediation amendment).	The vapor intrusion pathway has been demonstrated incomplete through two sub-slab soil gas and indoor air sampling events at the Janke Property.	Health and safety concerns associated with the storage, handling, and delivery of a chemical oxidant solution to the subsurface.
		Model the transport of sodium permanganate in the groundwater to estimate its travel time and distance or perform an injection in a non-critical area of the site and use empirical evidence to assess the travel time and distance.	Chemical oxidation does not sequentially degrade CVOC constituents like the ERD process (i.e., does not generate cis-1,2-DCE or VC).	Requires higher chemical oxidant loading due to presence of EOS (introduced during previous remedial efforts) and natural organics (i.e., low permeable silt).
		Inject sodium permanganate into existing injection wells in the shallow water-bearing zone (IW16, IW21, IW30, IW31, IW33, IW35, IW59, and IW61). Sodium permanganate would also be injected into shallow water-bearing zone monitoring wells MW03 and MW15; groundwater sample collection from these two monitoring wells would be completed when the chemical oxidant has been depleted.		Inherent to the sodium permanganate chemical oxidant, manganese will be detected at elevated concentrations following injections and may require months to years to attenuate to background levels.
		Perform bimonthly groundwater performance monitoring for 2 months (total of 4 events) at selected wells to monitor the migration of the oxidant, changes in geochemical parameters, and the efficacy of the treatment. Perform 1 year of quarterly performance groundwater monitoring and sampling for CVOCs; perform annual groundwater thereafter. Results will be evaluated using qualitative and statistical methods.		Potential for downgradient migration of injectate.

Acronyms:
cis-1,2-DCE = cis-1,2-dichloroethene
CVOC = chlorinated volatile organic compound
DHC = Dehalococoides
Ecology = Washington State Department of Ecology
EOS = Emulsified Oil Substrate
ERD = enhanced reductive dechlorination
EVO = emulsified vegetable oil
MNA = monitored natural attenuation
PCE = tetrachloroethene
ROW = right-of-way
TCE = trichloroethene
UIC = Underground Injection Control
VC = vinyl chloride



Table 2
Deep Water-Bearing Zone CVOC Treatment Evaluation
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Technology	Description	Conceptual Approach	Advantages	Disadvantages
Monitored Natural Attenuation (MNA)	Reliance on natural attenuation processes to degrade chlorinated volatile organic compounds (CVOCs). Groundwater monitoring would be performed to evaluate the effectiveness of groundwater remediation (2019 and 2024 groundwater treatment), ensure natural attenuation processes are occurring, evaluate the stability of the CVOC plume, and confirm CVOCs are in compliance with groundwater cleanup levels.	Perform annual indoor air monitoring in the parking garage at 6884 Woodlawn Avenue Northeast (former Plastic Sales and Service Property), at 6900 East Green Lake Way North (at the intersection of 4th and Woodlawn rights-of-way [ROWS]), and in the Janke Building.	The vapor intrusion pathway has been demonstrated incomplete through two sub-slab soil gas and indoor air sampling events at the Janke Property.	As of April 2025, tetrachloroethene (PCE) and/or trichloroethene (TCE; parent compounds) haven been detected at concentrations above the groundwater cleanup levels in groundwater monitoring wells MW09, MW10, MW31, and MW35, warranting further deep water-bearing zone treatment.
		Collect groundwater samples from groundwater monitoring wells MW08 through MW11, MW13, MW22, MW29, MW31, MW33, MW35, and MW37 for field parameter measurement and chemical analyses.		cis-1,2-dichloroethene (cis-1,2-DCE) and vinyl chloride (VC) are detected at elevated concentrations above the groundwater cleanup levels in groundwater monitoring wells MW10, MW31, and MW35 and injection wells IW15, IW22, IW32, and IW34 as of April 2025, and injection wells IW36 and IW38 as of June 2024, warranting further deep water-bearing zone treatment.
		Collect groundwater samples from injection wells IW07, IW15, IW22, IW32, IW34, and IW60 for field parameter measurement and chemical analyses.		Longest restoration timeframe (decades) given reliance on natural attenuation processes.
		Includes annual performance groundwater monitoring and sampling. Submit groundwater samples for CVOCs and natural attenuation parameter analyses.		
Enhanced Reductive Dechlorination (ERD) (Biostimulation)	ERD is the process through which chlorine atoms attached to an organic compound are sequentially removed under anaerobic conditions. Application of ERD is comprised of biostimulation and sometimes bioaugmentation to modify existing geochemical and biological conditions in an aquifer to facilitate degradation of contaminants. Biostimulation refers to the introduction of an electron donor (carbon source) into the aquifer for stimulating microbial growth. The carbon source is used as food by native microbes, which in turn produce hydrogen through fermentation reactions. This process depletes the aquifer of dissolved oxygen and other electron accepters including nitrate, sulfate, and ferric iron, which lowers the oxidation-reduction potential, thereby creating the conditions for reductive dechlorination to occur.	Update the existing Underground Injection Control (UIC) registration with the Washington State Department of Ecology's (Ecology's) UIC program.	The vapor intrusion pathway has been demonstrated incomplete through two sub-slab soil gas and indoor air sampling events at the Janke Property.	Potential for incomplete reductive dechlorination (i.e., cis-1,2-DCE accumulation/VC stall) due to inability to establish appropriate geochemical chemical conditions and/or absence of or stimulation of indigenous microbial consortium.
		Install three new injection wells in the vicinity of 2021 deep water-bearing zone borings DZ-B02 and DZ-B03 (to the northeast of existing monitoring well MW31) in the 4th Avenue Northeast ROW to supplement the injection well network.	In the presence of enhanced reductive dechlorination (EVO; 2019 and 2024 groundwater treatment), PCE and TCE (parent compounds) have been degraded to cis-1,2-DCE and VC; however, PCE and/or TCE still detected at concentrations significantly above the groundwater cleanup levels in groundwater monitoring wells MW09, MW10, and MW35.	Potential for downgradient migration of generated cis-1,2-DCE and VC, specifically in the vicinity of downgradient deep water-bearing zone monitoring well MW35 (i.e., CVOCs have not been detected above the method reporting limit or cleanup levels in deep water-bearing zone monitoring wells MW33 and MW37, located to the north and south of MW35, respectively).
		Inject EVO into existing injection/monitoring wells (MW09, MW10, IW15, IW22, IW29, IW32, IW34, IW36, and IW38) and the three newly installed injection wells in the deep water-bearing zone.	At sufficient loading/injection volume, the anaerobic zone may extend beyond the radius of influence of the edible oil itself, extending downgradient treatment (i.e., beneath the ROW).	Potential expansion of CVOC groundwater plume, require further downgradient investigation to define plume boundary (particularly in the vicinity of deep water-bearing zone monitoring well MW35).
		Perform 1 year of quarterly performance groundwater monitoring to evaluate the effectiveness and longevity of the EVO; perform annual groundwater monitoring thereafter. Results will be evaluated using qualitative and statistical methods.		



Table 2
Deep Water-Bearing Zone CVOC Treatment Evaluation
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Technology	Description	Conceptual Approach	Advantages	Disadvantages
ERD (Biostimulation) and Bioaugmentation	See ERD. Bioaugmentation refers to the introduction of microbes, which may be required to accelerate the acclimation and biodegradation process if the existing microbial population is not adequate at the onset of treatment. At many sites, microbes capable of dechlorinating cis-1,2-DCE and VC are not present in sufficient quantities resulting in a condition referred to as "cis-1,2-DCE and VC stall." In those cases, bioaugmentation can be used in combination with biostimulation to achieve the necessary conditions to overcome stall and promote complete reductive dechlorination.	Update the existing UIC registration with Ecology's UIC program.	The vapor intrusion pathway has been demonstrated incomplete through two sub-slab soil gas and indoor air sampling events at the Janke Property.	If appropriate geochemical conditions are not established and/or microbial activity is not stimulated, there is the potential for incomplete reductive dechlorination, leading to downgradient migration of generated cis-1,2-DCE and VC and expansion of CVOC groundwater plume (particularly in the vicinity of deep water-bearing zone monitoring well MW35).
		Install three new injection wells in the vicinity of 2021 deep water-bearing zone borings DZ-B02 and DZ-B03 (to the northeast of existing monitoring well MW31) in the 4th Avenue Northeast ROW to supplement the injection well network.	At sufficient loading/injection volume, the anaerobic zone may extend beyond the radius of influence of the edible oil itself, extending downgradient treatment (i.e., beneath the ROW).	
		Inject EVO into existing injection/monitoring wells (MW09, MW10, IW15, IW22, IW29, IW32, IW34, IW36, and IW38) and the three newly installed injection wells in the deep water-bearing zone.	If appropriate geochemical conditions are established, bioaugmentation with an enriched microbial consortium containing species of Dehalococcoides (DHC) may reduce the potential for incomplete reductive dechlorination.	
		Inject KB-1®, as manufactured by SiRem (or similar microbial consortium), into select existing injection/monitoring wells and newly installed injections wells in the deep water-bearing zone for introduction of a microbial culture that contains DHC, the group of microorganisms supportive of complete reductive dechlorination of chlorinated ethenes (PCE, TCE, cis-1,2-DCE, and VC) to non-toxic ethene.		
		Perform 1 year of quarterly performance groundwater monitoring to evaluate the effectiveness and longevity of the EVO; perform annual groundwater monitoring thereafter. Results will be evaluated using qualitative and statistical methods.		
Sodium Permanganate	Permanganate has proven to be an effective chemical oxidant for the treatment of CVOCs (PCE, TCE, cis-1,2-DCE, and VC) in soil and groundwater. A solution of permanganate as a salt of either potassium or sodium is injected into the groundwater to chemically oxidize CVOCs. Liquid sodium-based permanganate can be injected at a higher concentration comparatively to solid potassium-based permanganate (i.e., requires mixing) due to solubility limits.	Secure a UIC registration with Ecology's UIC program (new registration given change in remediation amendment).	The vapor intrusion pathway has been demonstrated incomplete through two sub-slab soil gas and indoor air sampling events at the Janke Property.	Health and safety concerns associated with the storage, handling, and delivery of a chemical oxidant solution to the subsurface.
		Install three new injection wells in the vicinity of 2021 deep water-bearing zone borings DZ-B02 and DZ-B03 (to the northeast of existing monitoring well MW31) in the 4th Avenue Northeast ROW to supplement the injection well network.	Chemical oxidation does not sequentially degrade CVOC constituents like the ERD process (i.e., does not generate cis-1,2-DCE or VC).	Requires high chemical oxidant loading due to presence of EVO (introduced during previous remedial efforts).
		Model the transport of sodium permanganate in the groundwater to estimate its travel time and distance or perform an injection in a non-critical area of the site and use empirical evidence to assess the travel time and distance.		Inherent to the sodium permanganate chemical oxidant, manganese will be detected at elevated concentrations following injections and may require months to years to attenuate to background levels.
		Inject sodium permanganate into existing injection wells (IW15, IW22, IW29, IW32, IW34, IW36, and IW38) and the three newly installed injection wells in the deep water-bearing zone. Sodium permanganate would also be injected into deep water-bearing zone monitoring wells MW09 and MW10; groundwater sample collection from these two monitoring wells would be completed when the chemical oxidant has been depleted.		Potential for downgradient migration of injectate.
		Perform bimonthly groundwater performance monitoring for 2 months (total of 4 events) at selected wells to monitor the migration of the oxidant, changes in geochemical parameters, and the efficacy of the treatment. Perform 1 year of quarterly performance groundwater monitoring and sampling for CVOCs; perform annual groundwater thereafter. Results will be evaluated using qualitative and statistical methods.		

Acronyms:

cis-1,2-DCE = cis-1,2-dichloroethene	MNA = Monitored Natural Attenuation
CVOC = chlorinated volatile organic compound	PCE = tetrachloroethene
DHC = Dehalococcoides	ROW = right-of-way
Ecology = Washington State Department of Ecology	TCE = trichloroethene
ERD = enhanced reductive dechlorination	UIC = Underground Injection Control
EVO = emulsified vegetable oil	VC = vinyl chloride



Table 3
Summary of Groundwater Elevation Data
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well ID	Screened Interval (feet bgs)	TOC Elevation (feet msl) ⁽¹⁾	Total Well Depth (feet below TOC) ⁽²⁾	Date Measured	Depth to Groundwater (feet below TOC) ⁽²⁾	Groundwater Elevation (feet msl) ⁽¹⁾
Shallow Water-Bearing Zone Wells						
MW01	4 to 19	178.24	18.42	08/05/04	7.91	170.33
			18.42	11/18/04	7.00	171.24
			--	01/07/05	5.91	172.33
			--	05/31/06	6.36	171.88
			--	06/22/06	8.22	170.02
			18.15	01/08/07	3.93	174.31
			18.15	04/20/07	5.38	172.86
			18.48	11/19/08	6.78	171.46
			18.37	05/03/10	6.33	171.91
			--	05/07/10	6.52	171.72
			--	09/09/14	11.19	167.05
			17.95	05/09/18	10.05	168.19
			18.37	10/24/18	15.82	162.42
			--	01/27/20	12.22	166.02
			--	04/20/20	12.59	165.65
			--	07/20/20	12.56	165.68
			--	10/19/20	12.49	165.75
			--	01/27/21	12.36	165.88
			--	04/20/21	12.46	165.78
			--	07/26/21	12.61	165.63
			--	10/11/21	12.60	165.64
			18.28	04/25/22	12.48	165.76
			--	11/14/22	12.53	165.71
			--	04/17/23	12.41	165.83
			--	10/23/23	12.76	165.48
			--	04/12/24	12.77	165.47
			--	10/23/24	12.84	165.40
			--	04/21/25	12.75	165.49
			18.17	10/06/25	12.42	165.82
MW02	5 to 20	176.22	19.48	08/05/04	6.39	169.83
			19.50	11/18/04	6.41	169.81
			--	01/07/05	5.88	170.34
			--	05/31/06	5.75	170.47
			--	06/22/06	7.01	169.21
			--	01/08/07	4.56	171.66
			--	04/20/07	4.90	171.32
			19.31	11/19/08	6.86	169.36
			19.45	05/03/10	6.50	169.72
			--	05/07/10	6.48	169.74
			--	09/09/14	9.01	167.21
			19.22	05/09/18	7.62	168.60
			--	01/27/20	9.59	166.63
			19.45	10/25/18	14.42	161.80
			--	01/27/20	9.59	166.63
			--	04/20/20	10.13	166.09
			--	07/20/20	9.64	166.58
			--	10/19/20	9.88	166.34
			--	01/27/21	9.68	166.54
			--	04/20/21	9.89	166.33
			--	07/26/21	10.25	165.97
			--	10/11/21	9.96	166.26
			19.42	04/25/22	9.70	166.52
			--	11/14/22	10.03	166.19
			--	04/17/23	9.39	166.83
			--	10/23/23	9.88	166.34
			--	04/12/24	9.86	166.36
			--	10/23/24	10.16	166.06
			--	04/21/25	9.96	166.26
19.42	10/06/25	10.49	165.73			
MW03	5 to 20	175.87	19.55	08/05/04	6.56	169.31
			19.56	11/18/04	6.64	169.23
			--	01/07/05	5.86	170.01
			--	05/31/06	2.79	173.08
			--	06/22/06	3.69	172.18
			19.54	01/08/07	2.18	173.69
			19.54	04/20/07	1.96	173.91
			19.6	11/19/08	2.65	173.22
			19.45	05/03/10	2.54	173.33
			--	05/07/10	2.59	173.28
			--	09/09/14	5.92	169.95
			19.22	05/09/18	3.44	172.43
			19.45	10/24/18	14.23	161.64
			--	01/27/20	8.34	167.53
			--	04/20/20	9.20	166.67
			--	07/20/20	9.48	166.39
			--	10/19/20	9.74	166.13
			--	01/27/21	9.52	166.35
			19.45	04/20/21	9.80	166.07
			--	07/26/21	10.31	165.56
			--	10/11/21	10.04	165.83
			19.08	04/25/22	9.77	166.10
			--	11/14/22	9.84	166.03
			--	04/17/23	9.20	166.67
			--	10/23/23	8.21	167.66
			--	04/12/24	8.81	167.06
			--	10/23/24	9.31	166.56
			--	04/21/25	8.87	167.00
			19.08	10/06/25	8.65	167.22
MW04	4 to 18	176.15	18.08	08/05/04	7.66	168.49
			18.08	11/18/04	7.35	168.80
			--	01/07/05	6.82	169.33
			--	05/31/06	7.88	168.27
			--	06/22/06	8.19	167.96
			17.95	01/08/07	5.80	170.35
			17.95	04/20/07	6.49	169.66
			17.61	11/19/08	8.45	167.70
			17.54	05/03/10	8.02	168.13
			--	05/04/10	8.09	168.06
			--	05/07/10	7.98	168.17
			--	09/09/14	10.26	165.89
			Monitoring Well Decommissioned			



Table 3
Summary of Groundwater Elevation Data
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well ID	Screened Interval (feet bgs)	TOC Elevation (feet msl) ⁽¹⁾	Total Well Depth (feet below TOC) ⁽²⁾	Date Measured	Depth to Groundwater (feet below TOC) ⁽²⁾	Groundwater Elevation (feet msl) ⁽¹⁾
Shallow Water-Bearing Zone Wells						
MW05	2.5 to 17.5	177.37	17.45	08/05/04	8.71	168.66
			17.45	11/18/04	7.86	169.51
			--	01/07/05	7.15	170.22
			--	05/31/06	7.50	169.87
			--	06/22/06	9.12	168.25
			17.44	01/08/07	2.90	174.47
			17.44	04/20/07	6.63	170.74
			17.47	11/19/08	8.30	169.07
			17.45	05/03/10	7.54	169.83
			--	05/04/10	7.87	169.50
			--	05/07/10	8.01	169.36
			--	09/09/14	10.97	166.40
			15.64	05/09/18	10.02	167.35
			15.62	01/27/20	11.25	166.12
			--	04/20/20	11.49	165.88
			--	07/20/20	11.48	165.89
			14.15	10/19/20	11.34	166.03
			--	01/27/21	10.82	166.55
			14.03	04/21/21	11.35	166.02
			--	07/26/21	11.35	166.02
			--	10/11/21	11.61	165.76
			16.20	04/25/22	11.40	165.97
			--	11/14/22	11.79	165.58
			--	04/17/23	11.31	166.06
			--	10/23/23	11.59	165.78
			--	04/12/24	11.61	165.76
			--	10/23/24	11.74	165.63
			--	04/21/25	11.72	165.65
			16.30	10/06/25	11.84	165.53
MW06	15 to 20	176.26	--	11/18/04	--	--
			--	01/07/05	--	--
			--	05/31/06	--	--
			--	06/22/06	--	--
			--	01/08/07	8.84	167.42
			--	04/20/07	--	--
			19.93	05/03/10	10.4	165.86
			--	05/07/10	10.52	165.74
			--	09/09/14	11.53	164.73
			19.80	05/09/18	11.68	164.58
			19.96	01/28/20	10.12	166.14
			19.97	04/20/20	11.03	165.23
			--	07/21/20	11.02	165.24
			--	10/20/20	11.03	165.23
			--	01/28/21	10.77	165.49
			20.00	04/20/21	10.93	165.33
			--	07/27/21	11.26	165.00
			--	10/11/21	11.07	165.19
			19.95	04/26/22	10.81	165.45
			--	11/14/22	11.19	165.07
			--	04/17/23	10.87	165.39
			--	10/23/23	--	--
			--	04/12/24	11.64	164.62
			--	10/23/24	11.50	164.76
			--	04/21/25	11.00	165.26
			19.93	10/06/25	11.48	164.78
MW15	5 to 20	176.62	18.12	05/31/06	6.76	169.86
			--	06/22/06	7.36	169.26
			18.15	01/08/07	5.63	170.99
			18.15	04/20/07	6.68	169.94
			18.2	11/19/08	9.21	167.41
			18.18	05/03/10	4.23	172.39
			--	05/07/10	4.22	172.40
			--	09/09/14	11.02	165.60
			17.95	05/09/18	10.21	166.41
			--	10/25/18	12.53	164.09
			--	01/27/20	3.69	172.93
			--	04/20/20	6.11	170.51
			--	07/20/20	10.33	166.29
			--	10/19/20	5.99	170.63
			--	01/27/21	4.08	172.54
			--	04/20/21	8.95	167.67
			--	07/26/21	10.83	165.79
			--	10/11/21	4.13	172.49
			18	04/25/22	5.21	171.41
			--	11/14/22	9.97	166.65
			--	04/17/23	3.46	173.16
			--	10/23/23	9.46	167.16
			--	04/12/24	5.64	170.98
			--	10/23/24	9.35	167.27
			--	04/21/25	3.22	173.40
			18.01	10/06/25	9.49	167.13
MW16	5 to 20	175.60	19.45	05/31/06	4.56	171.04
			--	06/22/06	6.21	169.39
			--	01/08/07	3.91	171.69
			--	04/20/07	4.29	171.31
			19.6	11/19/08	5.03	170.57
			19.60	05/03/10	5.30	170.30
			--	05/07/10	5.44	170.16
			--	09/09/14	9.34	166.26
			19.43	05/09/18	5.35	170.25
			18.18	10/22/18	11.36	164.24
			--	01/27/20	3.81	171.79
			--	04/20/20	5.50	170.10
			--	07/20/20	9.13	166.47
			--	10/19/20	4.54	171.06
			--	01/27/21	4.53	171.07
			--	07/26/21	9.97	165.63
			--	10/11/21	6.48	169.12
			19.61	04/25/22	4.65	170.95
			--	11/14/22	5.51	170.09
			--	04/17/23	4.17	171.43
			--	10/23/23	5.33	170.27
			--	04/12/24	4.81	170.79
			--	10/23/24	8.71	166.89
			--	04/21/25	4.81	170.79
			19.64	10/06/25	10.43	165.17



Table 3
Summary of Groundwater Elevation Data
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well ID	Screened Interval (feet bgs)	TOC Elevation (feet msl) ⁽¹⁾	Total Well Depth (feet below TOC) ⁽²⁾	Date Measured	Depth to Groundwater (feet below TOC) ⁽²⁾	Groundwater Elevation (feet msl) ⁽¹⁾
Shallow Water-Bearing Zone Wells						
MW17	5 to 20	175.79	19.19	05/31/06	4.29	171.50
			--	06/22/06	5.82	169.97
			--	01/08/07	3.67	172.12
			--	04/20/07	4.03	171.76
			Monitoring Well Decommissioned			
MW19	10 to 20	180.68	19.8	11/20/08	9.68	171.00
			19.72	05/03/10	9.17	171.51
			--	05/04/10	9.54	171.14
			--	05/07/10	9.40	171.28
			--	09/09/14	14.57	166.11
			19.62	05/09/18	13.10	167.58
			19.72	10/24/18	14.54	166.14
			--	01/27/20	12.27	168.41
			--	04/20/20	13.53	167.15
			--	07/20/20	13.70	166.98
			--	10/19/20	13.16	167.52
			--	01/27/21	12.90	167.78
			--	07/26/21	13.98	166.70
			--	10/11/21	14.04	166.64
			19.79	04/25/22	13.19	167.49
			--	11/14/22	13.54	167.14
			--	04/17/23	12.69	167.99
			--	10/23/23	13.08	167.60
			--	04/12/24	13.02	167.66
			--	10/23/24	13.89	166.79
			--	04/21/25	13.02	167.66
MW21	14 to 24	175.93	19.82	10/06/25	14.33	166.35
			23.74	11/19/08	10.21	165.72
			23.74	05/03/10	9.70	166.23
			--	05/07/10	9.73	166.20
			--	09/09/14	11.24	164.69
			23.55	05/09/18	10.28	165.65
			23.74	10/24/18	13.65	162.28
			--	01/27/20	EOS Interference	
			--	04/20/20	EOS Interference	
			--	07/20/20	11.33	164.60
			--	10/19/20	11.80	164.13
			--	01/27/21	10.92	165.01
			23.74	04/20/21	10.92	165.01
			--	07/26/21	11.40	164.53
			--	10/11/21	11.42	164.51
			23.74	04/25/22	10.45	165.48
			--	11/14/22	11.45	164.48
			--	04/17/23	10.84	165.09
			--	10/23/23	12.42	163.51
			--	04/12/24	11.09	164.84
			--	10/23/24	11.39	164.54
			--	04/21/25	11.93	164.00
			23.74	10/06/25	12.58	163.35
MW23	10 to 20	176.03	20.15	11/19/08	10.81	165.22
			20.15	05/03/10	10.17	165.86
			--	05/07/10	10.32	165.71
			Monitoring Well Decommissioned			
MW24	8 to 18	177.62	17.25	11/19/08	9.34	168.28
			17.34	05/03/10	8.89	168.73
			--	05/04/10	8.96	168.66
			--	05/07/10	8.95	168.67
			17.34	09/09/14	12.19	165.43
			17.10	05/09/18	11.88	165.74
			17.34	10/24/18	12.88	164.74
			--	01/27/20	11.04	166.58
			--	04/20/20	12.28	165.34
			--	07/20/20	11.84	165.78
			--	10/19/20	11.33	166.29
			--	01/27/21	11.72	165.90
			--	04/20/21	12.19	165.43
			--	07/26/21	12.53	165.09
			--	10/11/21	12.29	165.33
			17.10	04/25/22	11.99	165.63
			--	11/14/22	12.04	165.58
			--	04/17/23	11.76	165.86
			--	10/23/23	12.02	165.60
			--	04/12/24	11.85	165.77
			--	10/23/24	12.48	165.14
			--	04/21/25	12.14	165.48
MW25	8 to 18	176.95	17.08	10/04/25	12.20	165.42
			18.29	05/03/10	9.85	167.10
			--	05/04/10	10.02	166.93
			--	05/07/10	9.86	167.09
			--	09/09/14	11.85	165.10
			14.75	05/09/18	11.71	165.24
			17.34	10/24/18	12.55	164.40
			14.29	01/28/20	3.10	173.85
			14.38	04/20/20	12.00	164.95
		176.82	14.16	07/21/20	11.65	165.17
			--	10/20/20	11.54	165.28
			--	01/28/21	11.65	165.17
			18.29	04/20/21	11.68	165.14
			--	07/27/21	11.93	164.89
			--	10/11/21	11.78	165.04
			14.33	04/26/22	11.43	165.39
			--	11/14/22	11.76	165.06
			--	04/17/23	9.61	167.21
			--	10/23/23	--	--
			--	04/12/24	11.63	165.19
			--	10/23/24	11.91	164.91
			--	04/21/25	11.55	165.27
			14.50	10/06/25	11.85	164.97



Table 3
Summary of Groundwater Elevation Data
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well ID	Screened Interval (feet bgs)	TOC Elevation (feet msl) ⁽¹⁾	Total Well Depth (feet below TOC) ⁽²⁾	Date Measured	Depth to Groundwater (feet below TOC) ⁽²⁾	Groundwater Elevation (feet msl) ⁽¹⁾
Shallow Water-Bearing Zone Wells						
MW26	8 to 18	177.83	18.18	05/03/10	8.71	169.12
			--	05/04/10	8.81	169.02
			--	05/07/10	8.75	169.08
			18.18	09/09/14	12.63	165.20
			17.82	05/09/18	12.10	165.73
			18.18	10/24/18	13.00	164.83
			--	01/27/20	11.47	166.36
			--	04/20/20	12.29	165.54
			--	07/20/20	11.15	166.68
			--	10/19/20	10.95	166.88
			--	01/27/21	12.05	165.78
			--	04/20/21	12.04	165.79
			--	07/26/21	12.54	165.29
			--	10/11/21	11.99	165.84
			18.02	04/25/22	11.98	165.85
			--	11/14/22	12.12	165.71
			--	04/17/23	11.57	166.26
			--	10/23/23	12.09	165.74
			--	04/12/24	11.50	166.33
			--	10/23/24	12.43	165.40
			--	04/21/25	12.02	165.81
			18.05	10/06/25	11.90	165.93
TMW01	8 to 18	176.98	18.75	04/05/10	5.12	171.86
			18.80	05/04/10	5.27	171.71
			--	05/07/10	5.31	171.67
TMW02	8 to 18	176.91	18.79	04/05/10	5.62	171.29
			18.83	05/04/10	6.31	170.60
			--	05/07/10	6.25	170.66
TMW03	8 to 18	177.14	18.22	04/05/10	6.96	170.18
			18.25	05/04/10	7.53	169.61
			--	05/07/10	7.52	169.62
MW27	8.5 to 13.5	--	13.5	06/28/11	--	--
			--	09/09/14	11.54	--
			12.90	05/09/18	10.80	--
			13.16	01/28/20	10.89	--
			13.15	04/20/20	11.37	--
	175.91	13.15	07/21/20	11.26	164.65	
		13.16	10/20/20	11.39	164.52	
		13.10	01/28/21	11.25	164.66	
		13.10	04/20/21	11.24	164.67	
		13.10	07/27/21	11.13	164.78	
		--	10/11/21	11.46	164.45	
		13.12	04/26/22	11.33	164.58	
		--	11/14/22	11.51	164.40	
		--	04/17/23	11.09	164.82	
		--	--	--	--	
		--	04/12/24	11.40	164.51	
		--	10/23/24	11.47	164.44	
		--	04/21/25	11.32	164.59	
		13.10	10/06/25	11.47	164.44	
MW28	5 to 18	176.09	--	01/27/20	10.38	165.71
			--	04/20/20	10.66	165.43
			--	07/20/20	10.71	165.38
			--	10/19/20	10.75	165.34
			--	01/27/21	10.54	165.55
			18.61	04/21/21	10.51	165.58
			--	07/26/21	10.82	165.27
			--	10/11/21	10.77	165.32
			18.59	04/25/22	10.51	165.58
			--	11/14/22	10.85	165.24
			--	04/17/23	10.35	165.74
			--	10/23/23	10.68	165.41
			--	04/12/24	10.60	165.49
			--	10/23/24	10.93	165.16
			--	04/21/25	10.71	165.38
			18.55	10/06/25	11.07	165.02
MW30	5 to 20	175.73	--	01/27/21	13.58	162.15
			--	04/19/21	2.67	173.06
			--	04/20/21	Too Much EOS	
			--	04/21/21		
			--	04/22/21		
			--	04/23/21		
			--	04/24/21		
			--	07/26/21	10.18	165.55
			--	10/11/21	11.04	164.69
			20.09	04/25/22	5.00	170.73
			--	11/14/22	9.90	165.83
			--	04/17/23	4.70	171.03
			--	10/23/23	10.54	165.19
			--	04/12/24	6.51	169.22
			--	10/23/24	12.08	163.65
			--	04/21/25	7.85	167.88
			20.02	10/06/25	12.46	163.27
MW32	15 to 25	175.63	--	11/14/22	13.02	162.61
			--	04/17/23	12.51	163.12
			--	10/23/23	13.08	162.55
			--	04/12/24	12.66	162.97
			--	10/23/24	13.24	162.39
			--	04/21/25	12.69	162.94
MW34	15 to 25	175.58	25.31	10/06/25	13.43	162.20
			--	11/14/22	12.98	162.60
			--	04/17/23	12.55	163.03
			--	10/23/23	13.10	162.48
			--	04/12/24	12.65	162.93
			--	10/23/24	13.30	162.28
			--	04/21/25	12.61	162.97
MW36	15 to 25	175.30	24.31	10/06/25	13.31	162.27
			--	11/14/22	13.44	161.86
			--	04/17/23	12.84	162.46
			--	10/23/23	13.54	161.76
			--	04/12/24	12.93	162.37
			--	10/23/24	13.72	161.58
MW07	21 to 31	176.56	--	04/21/25	12.88	162.42
			25.02	10/06/25	14.02	161.28
			31.00	12/06/04	7.45	169.11
			--	01/07/05	7.30	169.26
			--	05/31/06	8.09	168.47
		176.59	--	06/22/06	8.42	168.14
			31.01	01/08/07	6.52	170.04
			--	04/20/07	7.00	169.59
			30.67	11/19/08	8.38	168.21
			30.84	05/03/10	7.99	168.60
			--	05/07/10	8.04	168.55
			--	09/09/14	10.37	166.22
		Monitoring Well Decommissioned				



Table 3
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Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well ID	Screened Interval (feet bgs)	TOC Elevation (feet msl) ⁽¹⁾	Total Well Depth (feet below TOC) ⁽²⁾	Date Measured	Depth to Groundwater (feet below TOC) ⁽²⁾	Groundwater Elevation (feet msl) ⁽¹⁾
Deep Water-Bearing Zone Wells						
MW08	30 to 40	175.90	40.09	12/06/04	6.55	169.35
			--	01/07/05	6.34	169.56
			--	05/31/06	6.35	169.55
			--	06/22/06	7.55	168.35
			40.09	01/08/07	5.54	170.36
			40.09	01/08/07	5.98	169.92
			40.15	11/19/08	9.00	166.90
			40.15	05/03/10	8.49	167.41
			--	05/07/10	8.51	167.39
			--	09/09/14	10.32	165.58
			39.96	05/09/18	9.35	166.55
			40.15	10/25/18	10.38	165.52
			--	01/28/20	10.21	165.69
			--	04/20/20	10.43	165.47
			--	07/20/20	10.58	165.32
			--	10/19/20	10.64	165.26
			--	01/27/21	10.26	165.64
			--	04/20/21	10.32	165.58
			--	07/26/21	10.63	165.27
			--	10/11/21	10.65	165.25
			40.19	04/25/22	10.24	165.66
			--	11/14/22	10.66	165.24
			--	04/17/23	10.09	165.81
			--	10/23/23	10.71	165.19
			--	04/12/24	10.23	165.67
			--	10/23/24	10.73	165.17
			--	04/21/25	10.33	165.57
			40.19	10/06/25	10.96	164.94
MW09	30 to 40	176.43	39.81	12/06/04	6.81	169.62
			--	01/07/05	6.49	169.94
			--	05/31/06	6.34	170.09
			--	06/22/06	7.48	168.95
			39.75	01/08/07	5.85	170.58
			39.75	04/20/07	6.01	170.42
			39.81	11/19/08	7.30	169.13
			39.80	05/03/10	6.74	169.69
			--	05/07/10	6.73	169.70
			--	09/09/14	9.25	167.18
			39.60	05/09/18	5.50	170.93
			39.80	10/25/18	12.92	163.51
			--	01/27/20	9.67	166.76
			--	04/20/20	9.87	166.56
			--	07/20/20	10.19	166.24
			--	10/19/20	10.38	166.05
			--	01/27/21	10.18	166.25
			40.00	04/20/21	10.16	166.27
			--	07/26/21	10.56	165.87
			--	10/11/21	10.47	165.96
			39.82	04/25/22	10.10	166.33
			--	11/14/22	10.54	165.89
			--	04/17/23	10.05	166.38
			--	10/23/23	10.63	165.80
			--	04/12/24	9.88	166.55
			--	10/23/24	10.28	166.15
			--	04/21/25	10.01	166.42
			39.89	10/06/25	10.51	165.92
MW10	30 to 40	176.01	39.98	12/06/04	7.12	168.89
			--	01/07/05	6.89	169.12
			--	05/31/06	6.99	169.02
			--	06/22/06	8.12	167.89
			--	01/08/07	6.05	169.96
			--	04/20/07	6.57	169.44
			40.01	11/19/08	10.21	165.80
			40.00	05/03/10	9.72	166.29
			--	05/07/10	9.75	166.26
			--	09/09/14	11.26	164.75
			39.82	05/09/18	10.32	165.69
			40.00	10/25/18	13.81	162.20
			--	01/27/20	10.95	165.06
			--	04/20/20	11.18	164.83
			--	07/20/20	11.35	164.66
			--	10/19/20	11.43	164.58
			--	01/27/21	11.02	164.99
			40.00	04/20/21	11.11	164.90
			--	07/26/21	11.42	164.59
			--	10/11/21	11.44	164.57
			40.02	04/25/22	10.99	165.02
			--	11/14/22	11.47	164.54
			--	04/17/23	10.85	165.16
			--	10/23/23	11.45	164.56
			--	04/12/24	11.01	165.00
			--	10/23/24	11.54	164.47
			--	04/21/25	11.11	164.90
			40.03	10/06/25	11.75	164.26
MW11	57.5 to 67.5	178.99	64.30	05/31/06	7.71	171.28
			--	06/22/06	8.78	170.21
			64.28	01/08/07	7.30	171.69
			64.28	04/20/07	7.38	171.61
			65.30	11/19/08	8.34	170.65
			65.24	05/03/10	7.73	171.26
			--	05/07/10	7.69	171.30
			64.91	09/09/14	11.00	167.99
			--	05/09/18	Inaccessible	
			--	01/27/20	Inaccessible	
			--	04/20/20	10.80	168.19
			--	07/20/20	10.89	168.10
			--	10/19/20	11.09	167.90
			--	01/27/21	10.66	168.33
			--	07/26/21	10.83	168.16
			--	10/11/21	11.06	167.93
			66.32	04/25/22	10.61	168.38
			--	11/14/22	10.90	168.09
			--	04/17/23	10.58	168.41
			--	10/23/23	11.09	167.90
			--	04/12/24	10.64	168.35
			--	10/23/24	11.03	167.96
			--	04/21/25	10.78	168.21
			65.21	10/06/25	11.18	167.81



Table 3
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Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well ID	Screened Interval (feet bgs)	TOC Elevation (feet msl) ⁽¹⁾	Total Well Depth (feet below TOC) ⁽²⁾	Date Measured	Depth to Groundwater (feet below TOC) ⁽²⁾	Groundwater Elevation (feet msl) ⁽¹⁾
Deep Water-Bearing Zone Wells						
MW12	57 to 67	176.95	62.51	05/31/06	7.31	169.64
			--	06/22/06	8.40	168.55
			66.55	01/08/07	7.04	169.91
			66.55	04/20/07	7.05	169.90
			66.10	11/19/08	7.92	169.03
			65.78	05/03/10	7.35	169.60
			--	05/07/10	7.32	169.63
			--	09/09/14	9.38	167.57
			65.60	05/09/18	8.67	168.28
			65.78	10/25/18	11.47	165.48
			--	01/27/20	9.30	167.65
			--	04/20/20	9.22	167.73
			--	07/20/20	9.31	167.64
			--	10/19/20	9.54	167.41
			--	01/27/21	9.10	167.85
			--	07/26/21	9.31	167.64
			--	10/11/21	9.54	167.41
			66.91	04/25/22	9.07	167.88
			--	11/14/22	9.41	167.54
			--	04/17/23	9.06	167.89
			--	10/23/23	9.55	167.40
			--	04/12/24	9.09	167.86
			--	10/23/24	9.49	167.46
--	04/21/25	9.20	167.75			
MW13	55.5 to 65.5	177.03	66.05	10/06/25	9.02	167.93
			62.90	05/31/06	6.31	170.72
			--	06/22/06	7.40	169.63
			66.18	01/08/07	5.96	171.07
			66.18	04/20/07	6.01	171.02
			66.22	11/19/08	6.95	170.08
			66.21	05/03/10	6.35	170.68
			--	05/07/10	6.30	170.73
			--	09/09/14	9.02	168.01
			66.05	05/09/18	8.26	168.77
			66.21	10/25/18	12.69	164.34
			--	01/27/20	8.96	168.07
			--	04/20/20	8.88	168.15
			--	07/20/20	8.94	168.09
			--	10/19/20	9.17	167.86
			--	01/27/21	8.74	168.29
			--	07/26/21	8.90	168.13
			--	10/11/21	9.15	167.88
			66.25	04/25/22	8.71	168.32
			--	11/14/22	9.00	168.03
			--	04/17/23	8.67	168.36
			--	10/23/23	9.17	167.86
			--	04/12/24	8.75	168.28
--	10/23/24	9.11	167.92			
--	04/21/25	8.85	168.18			
MW14	63 to 73	176.50	66.23	10/06/25	9.25	167.78
			72.81	05/31/06	6.55	169.95
			--	06/22/06	6.65	169.85
		176.72	71.8	01/08/07	5.18	171.32
			--	04/20/07	5.47	171.25
			72.16	11/19/08	6.45	170.27
			72.05	05/03/10	5.86	170.86
			--	05/07/10	5.81	170.91
--			09/09/14	8.74	167.98	
Monitoring Well Decommissioned						
MW18	68 to 78	175.91	77.42	05/31/06	6.89	169.02
			--	06/22/06	7.84	168.07
			78.05	01/08/07	6.04	169.87
			78.05	04/20/07	6.26	169.65
Monitoring Well Decommissioned						
MW20	40 to 50	177.62	49.19	11/19/08	7.16	170.46
			48.49	05/03/10	6.56	171.06
			--	05/07/10	6.50	171.12
Monitoring Well Decommissioned						
MW22	39.5 to 49.5	177.23	49.2	11/19/08	7.18	170.05
			49.20	05/03/10	6.59	170.64
			--	05/07/10	6.53	170.70
			--	09/09/14	9.44	167.79
			48.40	05/09/18	8.64	168.59
			49.20	10/24/18	12.88	164.35
			--	01/27/20	9.32	167.91
			--	04/20/20	9.27	167.96
			--	07/20/20	9.34	167.89
			--	10/19/20	9.54	167.69
			--	01/27/21	9.12	168.11
			--	04/20/21	9.12	168.11
			--	07/26/21	9.28	167.95
			--	10/11/21	9.54	167.69
			49.44	04/25/22	9.07	168.16
			--	11/14/22	9.43	167.80
			--	04/17/23	9.04	168.19
			--	10/23/23	9.55	167.68
			--	04/12/24	9.07	168.16
			--	10/23/24	9.47	167.76
			--	04/21/25	9.27	167.96
			48.86	10/06/25	9.62	167.61
MW29	25 to 65	176.27	--	01/27/20	10.49	165.78
			--	04/20/20	8.34	167.93
			--	07/20/20	8.30	167.97
			--	10/19/20	8.53	167.74
			--	01/27/21	8.12	168.15
			64.35	04/20/21	8.21	168.06
			--	07/26/21	8.29	167.98
			--	10/11/21	8.55	167.72
			--	04/26/22	8.04	168.23
			--	11/14/22	8.45	167.82
			--	04/17/23	8.01	168.26
			--	10/23/23	8.52	167.75
			--	04/12/24	8.06	168.21
			--	10/23/24	8.46	167.81
			--	04/21/25	8.19	168.08
			63.29	10/06/25	8.61	167.66



Table 3
Summary of Groundwater Elevation Data
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well ID	Screened Interval (feet bgs)	TOC Elevation (feet msl) ⁽¹⁾	Total Well Depth (feet below TOC) ⁽²⁾	Date Measured	Depth to Groundwater (feet below TOC) ⁽²⁾	Groundwater Elevation (feet msl) ⁽¹⁾
Deep Water-Bearing Zone Wells						
MW31	30 to 45	175.7	--	01/27/21	11.82	163.88
			--	04/19/21	11.56	164.14
			--	07/26/21	12.20	163.50
			--	10/11/21	12.24	163.46
			45.66	04/25/22	11.76	163.94
			--	11/14/22	12.24	163.46
			--	04/17/23	11.65	164.05
			--	10/23/23	12.24	163.46
			--	04/12/24	11.74	163.96
			--	10/23/24	12.35	163.35
			--	04/21/25	11.79	163.91
			44.94	10/06/25	12.57	163.13
MW33	35 to 45	175.59	--	11/14/22	12.66	162.93
			--	04/17/23	12.09	163.50
			--	10/23/23	12.67	162.92
			--	04/12/24	12.17	163.42
			--	10/23/24	12.77	162.82
			--	04/21/25	12.17	163.42
MW35	35 to 45	175.44	44.85	10/06/25	12.98	162.61
			--	11/14/22	13.14	162.30
			--	04/17/23	12.51	162.93
			--	10/23/23	12.41	163.03
			--	04/12/24	12.50	162.94
			--	10/23/24	13.14	162.30
MW37	35 to 45	175.28	--	04/21/25	12.52	162.92
			46.45	10/06/25	13.35	162.09
			--	11/14/22	13.62	161.66
			--	04/17/23	12.95	162.33
			--	10/23/23	13.62	161.66
			--	04/12/24	13.00	162.28
IW69	35 to 50	175.60	50.03	11/20/25	12.27	163.33
IW70	20 to 35	175.50	34.03	11/20/25	12.75	162.75
IW71	35 to 50	175.53	49.70	11/20/25	12.49	163.04
IW72	20 to 35	175.54	35.92	11/20/25	12.77	162.77

NOTES:

⁽¹⁾Initial elevation data for wells obtained from the Draft Final Remedial Investigation/Feasibility Study Report prepared by Farallon and dated July 2013. Farallon survey based on North American Vertical Datum of 1988.

⁽²⁾As measured from a fixed spot on the well TOC.

-- = not measured
bgs = below ground surface
Farallon = Farallon Consulting LLC
msl = mean sea level
TOC = top of casing



Table 4
Groundwater Analytical Results for CVOCs
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well ID	Sample ID	Sampled By	Sample Date	Sample Point Depth (feet bgs)	Analytical Results ⁽¹⁾ (micrograms per liter)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
Shallow Water-Bearing Zone Wells									
MW01	MW-1	GeoEngineers	10/30/03	--	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	MW1-060206	Farallon	06/02/06	16.42	1.1	< 0.20	< 0.20	< 0.20	< 0.20
	MW1-112008	Farallon	11/20/08	16.48	1.5	< 0.20	< 0.20	< 0.20	< 0.20
	MW1-050410	Farallon	05/04/10	11.50	1.8	< 0.20	< 0.20	< 0.20	< 0.20
	MW01-20140910	SoundEarth	09/10/14	13.50	1.6	< 0.20	< 0.20	< 0.20	< 0.20
	MW01-20181024	SoundEarth	10/24/18	11.50	0.85	< 0.20	< 0.20	< 0.20	< 0.20
	MW01-20200129	SoundEarth	01/29/20	14.50	1.8	< 0.20	< 0.20	< 0.20	< 0.20
	MW01-20200421	SoundEarth	04/21/20	15.50	1.0	< 0.20	< 0.20	< 0.20	< 0.20
	MW01-20200721	SoundEarth	07/21/20	15.50	1.3	< 0.20	< 0.20	< 0.20	< 0.20
	MW01-20201020	SoundEarth	10/20/20	15.50	2.1	< 0.20	< 0.20	< 0.20	< 0.20
	MW01-20210128	SoundEarth	01/28/21	15.50	1.4	< 0.20	< 0.20	< 0.20	< 0.20
	MW01-20210420	SoundEarth	04/20/21	15.00	1.2	< 0.20	< 0.20	< 0.20	< 0.20
	MW01-20210727	SoundEarth	07/27/21	15.50	1.1	< 0.20	< 0.20	< 0.20	< 0.20
	MW01-20211012	SoundEarth	10/12/21	16.00	1.3	< 0.20	< 0.20	< 0.20	< 0.10
	MW01-20220427	SoundEarth	04/27/22	15.00	1.1	< 0.20	< 0.20	< 0.20	< 0.20
MW01-20221117	SoundEarth	11/17/22	15.00	1.3	< 0.20	< 0.20	< 0.20	< 0.20	
MW01-20230419	SoundEarth	04/19/23	15.00	1.2	< 0.20	< 0.20	< 0.20	< 0.20	
MW01-20231025	SoundEarth	10/25/23	15.50	1.4	< 0.20	< 0.20	< 0.20	< 0.20	
MW02	MW-2	GeoEngineers	10/30/03	--	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	MW2-060106	Farallon	06/01/06	17.50	< 0.20	5.5	< 0.20	< 0.20	< 0.20
	MW2-111908	Farallon	11/19/08	17.31	6.8	4.6	< 0.20	< 0.20	< 0.20
	MW2-050410	Farallon	05/04/10	12.50	9.5	3.5	< 0.20	< 0.20	< 0.20
	MW02-20140910	SoundEarth	09/10/14	11.50		0.49	< 0.20	< 0.20	< 0.20
	MW02-20181025	SoundEarth	10/25/18	12.50	1.7	0.61	< 0.20	< 0.20	< 0.20
	MW02-20200129	SoundEarth	01/29/20	13.00	1.1	0.80	< 0.20	< 0.20	< 0.20
	MW02-20200421	SoundEarth	04/21/20	13.00	1.3	0.53	< 0.20	< 0.20	< 0.20
	MW02-20200721	SoundEarth	07/21/20	13.00	2.0	1.1	< 0.20	< 0.20	< 0.20
	MW02-20201020	SoundEarth	10/20/20	13.00	2.7	1.2	< 0.20	< 0.20	< 0.20
	MW02-20210128	SoundEarth	01/28/21	13.00	1.4	0.63	< 0.20	< 0.20	< 0.20
	MW02-20210420	SoundEarth	04/20/21	12.00	1.4	0.47	< 0.20	< 0.20	< 0.20
	MW02-20210727	SoundEarth	07/27/21	13.25	1.6	0.58	< 0.20	< 0.20	< 0.20
	MW02-20211012	SoundEarth	10/12/21	15.00	1.7	0.68	< 0.20	< 0.20	< 0.10
	MW02-20220427	SoundEarth	04/27/22	15.00	0.95	0.54	< 0.20	< 0.20	< 0.20
MW02-20221117	SoundEarth	11/17/22	13.00	1.6	0.70	< 0.20	< 0.20	< 0.20	
MW02-20230419	SoundEarth	04/19/23	12.00	1.0	0.72	< 0.20	< 0.20	< 0.20	
MW02-20231025	SoundEarth	10/25/23	12.00	1.9	1.3	< 0.20	< 0.20	< 0.20	
MW03	MW-3	GeoEngineers	10/30/03	--	170	< 2.0	< 2.0	< 2.0	< 2.0
	MW3-060106	Farallon	06/01/06	17.56	150	1.1	< 1.0	< 1.0	< 1.0
	MW3-111908	Farallon	11/19/08	17.60	230	1.6	2.0	< 1.0	< 1.0
	MW3-050410	Farallon	05/04/10	12.50	150	< 1.0	< 1.0	< 1.0	< 1.0
	MW03-20140910	SoundEarth	09/10/14	8.50	64	0.58	0.79	< 0.20	< 0.20
	MW03-20181025	SoundEarth	10/25/18	12.50	54	0.61	< 0.40	< 0.40	< 0.40
	MW03-20200129	SoundEarth	01/29/20	11.00	< 0.40	< 0.40	44	0.57	16
	MW03-20200421	SoundEarth	04/21/20	12.50	< 0.20	0.20	6.3	0.55	7.4
	MW03-20200720	SoundEarth	07/20/20	12.50	< 0.20	0.36	13	0.65	13
	MW03-20201020	SoundEarth	10/20/20	12.50	< 0.20	0.57	13	0.48	7.3
	MW03-20210128	SoundEarth	01/28/21	12.50	< 0.20	0.68	7.8	0.42	4.2
	MW03-20210420	SoundEarth	04/20/21	13.00	< 0.20	0.61	7.0	0.54	3.4
	MW03-20210727	SoundEarth	07/27/21	13.30	< 0.20	0.45	2.1	0.31	2.1
	MW03-20211012	SoundEarth	10/12/21	15.00	< 0.20	0.42	2.7	0.23	1.8
	MW03-20220425P*	SoundEarth	04/25/22	12.00	< 0.20	0.54	4.1	0.36	2.7
	MW03-20220427	SoundEarth	04/27/22	15.00	< 0.20	0.81	6.6	0.35	2.6
	MW03-20221114P*	SoundEarth	11/14/22	12.00	< 0.20	0.64	5.2	< 0.20	1.9
	MW03-20221117	SoundEarth	11/17/22	13.00	< 0.20	1.2	5.6	< 0.20	1.9
	MW03-20230419	SoundEarth	04/19/23	12.00	0.88	4.0	5.4	< 0.20	1.1
	MW03-20231025	SoundEarth	10/25/23	11.00	22	6.9	27	0.21	2.3
MW03-20231113	SoundEarth	11/13/23	11.00	14	4.1	21	< 0.20	1.6	
MW03-20240416	SoundEarth	04/16/24	13.00	2.7	3.3	19	< 0.20	1.8	
MW03-20241028	SoundEarth	10/28/24	12.00	6.7	3.9	6.0	< 0.20	0.50	
MW03-20250423	SoundEarth	04/23/25	12.00	2.1	3.9	4.4	< 0.20	0.76	
MW03-20251007	SoundEarth	10/07/25	11.50	3.8	5.1	7.0	< 0.20	1.5	
MW04	MW-4	GeoEngineers	10/30/03	--	2,100	220	92	< 2.0	20
	MW4-080504	Farallon	08/05/04	16.00	860	1,200	250	< 10	68
	MW4-060206	Farallon	06/02/06	16.08	1,100	730	590	< 10	170
	MW4-042007	Farallon	04/20/07	14.95	3,100	720	940	< 20	160
	MW4-112008	Farallon	11/20/08	15.61	10,000	640	1,100	< 50	130
	MW4-050510	Farallon	05/05/10	11.00	10,000	1,000	1,600	< 50	370
	MW04-20140910	SoundEarth	09/10/14	12.50	28,000	3,400	3,800	< 200	920
Monitoring Well Decommissioned									
MTCA Cleanup Levels for Groundwater					5 ⁽²⁾	5 ⁽²⁾	16 ⁽³⁾	160 ⁽³⁾	0.2 ⁽²⁾
Commercial Remediation Levels for Groundwater					120 ⁽⁵⁾	12 ⁽⁵⁾	1,600 ⁽⁵⁾	650 ⁽⁵⁾	1.6 ⁽⁵⁾
Roadway Excavation Remediation Levels for Groundwater					760 ⁽⁴⁾	40 ⁽⁴⁾	10,000 ⁽⁴⁾	4,200 ⁽⁴⁾	9.9 ⁽⁴⁾



Table 4
Groundwater Analytical Results for CVOCs
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well ID	Sample ID	Sampled By	Sample Date	Sample Point Depth (feet bgs)	Analytical Results ⁽¹⁾ (micrograms per liter)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
MW05	MW-5	GeoEngineers	10/30/03	--	270	46	< 2.0	< 2.0	< 2.0
	MW5-060106	Farallon	06/01/06	15.45	54	9.6	3.3	< 0.40	< 0.40
	MW5-20080328	SoundEarth	03/28/08	--	19	110	40	< 1.0	2.8
	MW5-112008	Farallon	11/20/08	15.47	86	67	37	1.4	5.5
	MW5-050410	Farallon	05/04/10	10.00	82	34	27	0.44	0.88
	MW05-20140911	SoundEarth	09/11/14	13.50	71	22	5.6	0.27	< 0.20
	MW05-20190207	SoundEarth	02/07/19	14.00	36	7.6	1.7	< 0.20	< 0.20
	MW05-20200128	SoundEarth	01/28/20	13.50	3.4	1.4	130	< 1.0	10
	MW05-20200421	SoundEarth	04/21/20	14.50	2.3	1.2	170	1.3	29
	MW05-20200720	SoundEarth	07/20/20	14.50	1.1	< 1.0	220	1.6	56
	MW05-20201020	SoundEarth	10/20/20	14.50	1.1	1.1	200	2.1	83
	MW05-20210128	SoundEarth	01/28/21	14.50	0.8	< 0.8	69	1.6	92
	MW05-20210421	SoundEarth	04/21/21	13.75	< 0.40	0.43	45	1.1	60
	MW05-20210727	SoundEarth	07/27/21	14.30	< 0.40	0.70	28	0.91	62
	MW05-20211013	SoundEarth	10/13/21	15.00	< 0.80	< 0.80	10	< 0.80	56
	MW05-20220425P*	SoundEarth	04/25/22	14.00	< 0.20	0.50	3.5	0.27	31
	MW05-20220427	SoundEarth	04/27/22	15.00	< 0.20	< 0.20	0.81	< 0.20	3.4
	MW05-20221114P*	SoundEarth	11/14/22	14.00	< 0.20	0.50	1.4	0.26	26
	MW05-20221117	SoundEarth	11/17/22	14.00	< 0.20	0.46	1.0	< 0.20	9.4
	MW05-20230420	SoundEarth	04/20/23	14.50	< 0.20	0.24	0.54	< 0.20	4.1
	MW05-20231026	SoundEarth	10/26/23	14.00	< 0.20	0.35	0.72	< 0.20	1.7
	MW05-20240416	SoundEarth	04/16/24	14.00	< 0.20	< 0.20	0.50	< 0.20	0.74
	MW05-20241028	SoundEarth	10/28/24	15.00	< 0.20	< 0.20	0.68	< 0.20	0.75
	MW05-20250423	SoundEarth	04/23/25	14.50	< 0.20	< 0.20	0.47	< 0.20	1.2
	MW05-20251008	SoundEarth	10/08/25	14.50	< 0.20	< 0.20	0.84	< 0.20	1.3
MW06	MW-6	GeoEngineers	11/08/04	--	29	18	11	< 2.0	6.0
	MW6-050410	Farallon	05/04/10	14.50	4,100	330	440	< 20	110
	MW06-20141007	SoundEarth	10/07/14	17.50	10,000	450	320	< 50	72
	MW06-20190207	SoundEarth	02/07/19	17.50	1,800	510	600	< 50	170
	MW06-20200128	SoundEarth	01/28/20	17.00	38	130	210	< 0.20	33
	MW06-20200421	SoundEarth	04/21/20	17.50	1.2	8.7	42	0.89	26
	MW06-20200721	SoundEarth	07/21/20	17.50	1.1	10	32	0.86	25
	MW06-20201020	SoundEarth	10/20/20	17.50	1.7	29	63	0.90	36
	MW06-20210128	SoundEarth	01/28/21	17.50	2.4	30	74	1.0	59
	MW06-20210420	SoundEarth	04/20/21	18.00	1.6	27	120	1.6	160
	MW06-20210727	SoundEarth	07/27/21	14.00	0.93	8.8	14	0.45	10
	MW06-20211012	SoundEarth	10/12/21	17.50	0.33	2.0	18	0.35	14
	MW06-20220426	SoundEarth	04/26/22	18.00	11.00	27.0	20	0.68	13
	(MW06 DUP) MW99-20220426	SoundEarth	04/26/22	18.00	5.30	16.0	20	0.67	16
	MW06-20221115	SoundEarth	11/15/22	18.00	0.67	7.4	20	0.42	20
	(MW06 DUP) MW99-20221115	SoundEarth	11/15/22	18.00	0.57	5.3	17	0.39	17
	MW06-20230418	SoundEarth	04/18/23	18.00	17	40	51	< 0.80	85
	(MW06 DUP) MW99-20230418	SoundEarth	04/18/23	18.00	14	35	50	< 0.80	98
	MW06-20231024	SoundEarth	10/24/23	17.50	17	33	48	< 0.80	72
	(MW06 DUP) MW99-20231024	SoundEarth	10/24/23	17.50	17	35	51	< 0.80	80
	MW06-20240415	SoundEarth	04/15/24	18.00	2.1	6.9	40	0.49	32
	(MW06 DUP) MW99-20240415	SoundEarth	04/15/24	18.00	1.9	5.5	42	0.49	72
	(Re-Analysis) MW06-20240415	SoundEarth	04/15/24	18.00	2.8	8.5	50	0.53	53
	MW06-20241025	SoundEarth	10/25/24	18.00	0.98	1.8	19	0.21	23
	(MW06 DUP) MW99-20241025	SoundEarth	10/25/24	18.00	0.61	1.4	15	< 0.20	13
	MW06-20250422	SoundEarth	04/22/25	18.00	0.81	1.3	11	0.26	23
	(MW06 DUP) MW99-20250422	SoundEarth	04/22/25	18.00	0.77	1.3	11	0.26	21
	MW06-20251007	SoundEarth	10/07/25	18.00	0.50	1.1	4.2	0.46	11
	MW99_20251007 (field dup)	SoundEarth	10/07/25	18.00	0.51	1.1	4.1	0.44	12
MW15	MW15-060106	Farallon	06/01/06	16.12	0.22	< 0.20	< 0.20	< 0.20	< 0.20
	MW15-112008	Farallon	11/20/08	13.20	0.26	< 0.20	< 0.20	< 0.20	< 0.20
	MW15-050410	Farallon	05/04/10	12.50	< 1.0	< 0.20	< 0.20	< 0.20	< 0.20
	MW15-20140910	SoundEarth	09/10/14	17.50	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW15-20181022	SoundEarth	10/22/18	12.50	0.78	< 0.20	0.87	< 0.20	< 0.20
	MW15-20200128	SoundEarth	01/28/20	12.50	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW15-20200421	SoundEarth	04/21/20	10.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW15-20200721	SoundEarth	07/21/20	10.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW15-20201019	SoundEarth	10/19/20	10.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW15-20210127	SoundEarth	01/27/21	10.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW15-20210420	SoundEarth	04/20/21	12.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW15-20210726	SoundEarth	07/26/21	13.50	0.63	0.32	0.62	< 0.20	< 0.20
	MW15-20211012	SoundEarth	10/12/21	15.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.10
	MW15-20220426	SoundEarth	04/26/22	15.00	< 0.20	< 0.20	0.25	< 0.20	< 0.20
	MW15-20221116	SoundEarth	11/16/22	13.50	< 0.20	< 0.20	< 0.20	< 0.20	0.26
	MW15-20230419	SoundEarth	04/19/23	12.50	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW15-20231025	SoundEarth	10/25/23	16.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW15-20240415	SoundEarth	04/15/24	10.50	< 2.0	< 2.0	13	< 2.0	1.6
	MW15-20241028	SoundEarth	10/28/24	12.50	< 0.20	< 0.20	2.4	< 0.20	0.60
	MW15-20250424	SoundEarth	04/24/25	11.00	< 0.20	< 0.20	0.94	< 0.20	0.49
	MW15-20251009	SoundEarth	10/09/25	12.50	< 0.20	0.26	2.4	< 0.20	0.37
MW16	MW16-060106	Farallon	06/01/06	17.45	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW16-111908	Farallon	11/19/08	17.60	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW16-050510	Farallon	05/05/10	12.50	< 1.0	< 0.20	< 0.20	< 0.20	< 0.20
	MW16-20140909	SoundEarth	09/09/14	12.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW16-20181022	SoundEarth	10/22/18	12.50	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
MW17	MW17-060106	Farallon	06/01/06	17.19	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW17-20080328	SoundEarth	03/28/08	--	< 1.0	< 1.0	< 1.0	< 1.0	< 0.20
Monitoring Well Decommissioned									
MTCA Cleanup Levels for Groundwater					5 ⁽²⁾	5 ⁽²⁾	16 ⁽³⁾	160 ⁽³⁾	0.2 ⁽²⁾
Commercial Remediation Levels for Groundwater					120 ⁽⁵⁾	12 ⁽⁵⁾	1,600 ⁽⁵⁾	650 ⁽⁵⁾	1.6 ⁽⁵⁾
Roadway Excavation Remediation Levels for Groundwater					760 ⁽⁴⁾	40 ⁽⁴⁾	10,000 ⁽⁴⁾	4,200 ⁽⁴⁾	9.9 ⁽⁴⁾



Table 4
Groundwater Analytical Results for CVOCs
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well ID	Sample ID	Sampled By	Sample Date	Sample Point Depth (feet bgs)	Analytical Results ⁽¹⁾ (micrograms per liter)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
MW19	MW19-20090311	SoundEarth	03/11/09	--	< 1.0	< 1.0	< 1.0	< 1.0	< 0.20
	MW19-050310	Farallon	05/03/10	15.00	< 1.0	< 0.20	< 0.20	< 0.20	< 0.20
	MW19-20140909	SoundEarth	09/09/14	17.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW19-20181024	SoundEarth	10/24/18	15.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
MW21	MW21-112008	Farallon	11/20/08	21.74	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW21-050410	Farallon	05/04/10	19.00	< 1.0	< 0.20	< 0.20	< 0.20	< 0.20
	MW21-20140909	SoundEarth	09/09/14	19.00	< 0.20	< 0.20	< 0.20	< 0.20	0.73
	MW21-20181022	SoundEarth	10/22/18	19.00	< 0.20	< 0.20	1.7	< 0.20	0.37
	MW21-20200129	SoundEarth	01/29/20	19.00	0.67	< 0.20	8.0	< 0.20	1.9
	MW21-20200421	SoundEarth	04/21/20	19.00	< 0.20	< 0.20	3.9	< 0.20	3.0
	MW21-20200722	SoundEarth	07/22/20	19.00	< 0.20	< 0.20	4.4	< 0.20	2.3
	MW21-20201020	SoundEarth	10/20/20	19.00	0.22	< 0.20	2.6	< 0.20	4.5
	MW21-20210128	SoundEarth	01/28/21	19.00	< 0.20	< 0.20	2.0	< 0.20	2.8
	MW21-20210420	SoundEarth	04/20/21	19.00	< 0.20	< 0.20	1.7	< 0.20	2.4
	MW21-20210727	SoundEarth	07/27/21	19.00	< 0.20	< 0.20	0.23	< 0.20	0.56
	MW21-20211012	SoundEarth	10/12/21	18.00	< 0.20	< 0.20	0.29	< 0.20	0.67
	MW21-20220426	SoundEarth	04/26/22	19.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW21-20221117	SoundEarth	11/17/22	19.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW21-20230420	SoundEarth	04/20/23	19.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW21-20231025	SoundEarth	10/25/23	19.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW21-20240416	SoundEarth	04/16/24	19.00	< 2.0	< 2.0	2.0	< 2.0	0.35
	MW21-20241024	SoundEarth	10/24/24	17.00	< 0.20	< 0.20	0.60	< 0.20	< 0.20
	MW21-20250424	SoundEarth	04/24/25	19.00	< 0.20	< 0.20	0.28	< 0.20	< 0.20
	MW21-20251008	SoundEarth	10/08/25	19.00	< 0.20	< 0.20	0.27	< 0.20	< 0.20
MW23	MW23-112008	Farallon	11/20/08	18.15	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW23-050410	Farallon	05/04/10	15.00	< 1.0	< 0.20	< 0.20	< 0.20	< 0.20
	Monitoring Well Decommissioned								
MW24	MW24-112008	Farallon	11/20/08	15.25	360	3.4	< 2.0	< 2.0	< 2.0
	MW24-20090304	Farallon	03/04/09	--	290	< 10	< 10	< 10	< 2.0
	MW24-050510	Farallon	05/05/10	13.00	40	0.42	< 0.20	< 0.20	< 0.20
	MW24-20140910	SoundEarth	09/10/14	15.00	17	0.27	< 0.20	< 0.20	< 0.20
	MW24-20181024	SoundEarth	10/24/18	13.00	20	0.24	< 0.20	< 0.20	< 0.20
	MW24-20200129	SoundEarth	01/29/20	14.00	1.2	< 0.20	2.4	< 0.20	< 0.20
	MW24-20200421	SoundEarth	04/21/20	15.50	1.3	< 0.20	2.7	< 0.20	< 0.20
	MW24-20200721	SoundEarth	07/21/20	15.50	1.1	< 0.20	6.0	< 0.20	0.25
	MW24-20201019	SoundEarth	10/19/20	15.50	0.92	< 0.20	8.6	< 0.20	0.43
	MW24-20210128	SoundEarth	01/28/21	15.50	0.64	< 0.20	1.7	< 0.20	< 0.20
	MW24-20210420	SoundEarth	04/20/21	15.00	0.47	< 0.20	3.8	< 0.20	0.30
	MW24-20210726	SoundEarth	07/26/21	15.00	0.39	< 0.20	5.4	< 0.20	0.49
	MW24-20211012	SoundEarth	10/12/21	15.00	0.35	< 0.20	5.4	< 0.20	0.65
	MW24-20220427	SoundEarth	04/27/22	15.00	0.22	< 0.20	3.0	< 0.20	0.64
	MW24-20221116	SoundEarth	11/16/22	15.00	0.23	< 0.20	0.38	< 0.20	2.5
	MW24-20230419	SoundEarth	04/19/23	14.00	< 0.20	< 0.20	0.24	< 0.20	2.0
	MW24-20231026	SoundEarth	10/26/23	16.00	0.35	< 0.20	0.31	< 0.20	0.88
	MW24-20240416	SoundEarth	04/16/24	14.50	0.32	< 0.20	0.23	< 0.20	0.71
	MW24-20241028	SoundEarth	10/28/24	15.00	0.32	< 0.20	< 0.20	< 0.20	0.90
	MW24-20250423	SoundEarth	04/23/25	15.00	< 0.20	< 0.20	< 0.20	< 0.20	0.50
MW25	MW25-050410	Farallon	05/04/10	13.00	14	0.31	1.1	< 0.20	< 0.20
	MW25-20141007	SoundEarth	10/07/14	14.00	12	0.36	0.37	< 0.20	< 0.20
	MW25-20181025	SoundEarth	10/25/18	13.00	0.28	< 0.20	0.75	< 0.20	< 0.20
	MW25-20200421	SoundEarth	04/21/20	13.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW25-20200721	SoundEarth	07/21/20	13.00	0.20	0.50	0.45	< 0.20	< 0.20
	MW25-20201020	SoundEarth	10/20/20	13.00	1.6	0.59	1.4	< 0.20	< 0.20
	MW25-20210128	SoundEarth	01/28/21	13.00	2.0	1.0	0.80	< 0.20	< 0.20
	MW25-20210420	SoundEarth	04/20/21	14.00	2.9	0.8	0.68	< 0.20	< 0.20
	MW25-20210727	SoundEarth	07/27/21	15.00	0.97	0.31	1.5	< 0.20	< 0.20
	MW25-20211012	SoundEarth	10/12/21	14.00	0.47	0.34	0.47	< 0.20	< 0.10
	MW25-20220426	SoundEarth	04/26/22	14.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW25-20221115	SoundEarth	11/15/22	15.00	< 0.20	< 0.20	0.23	< 0.20	< 0.20
MW26	MW25-20230418	SoundEarth	04/18/23	12.50	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW25-20231024	SoundEarth	10/24/23	14.00	< 0.20	< 0.20	0.45	< 0.20	< 0.20
	MW26-050410	Farallon	05/04/10	13.00	< 1.0	< 0.20	< 0.20	< 0.20	< 0.20
	MW26-20140910	SoundEarth	09/10/14	15.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW26-20181022	SoundEarth	10/22/18	13.00	0.24	< 0.20	< 0.20	< 0.20	< 0.20
	MW26-20200128	SoundEarth	01/28/20	14.00	0.28	< 0.20	< 0.20	< 0.20	< 0.20
	MW26-20200421	SoundEarth	04/21/20	15.50	0.24	< 0.20	< 0.20	< 0.20	< 0.20
	MW26-20200721	SoundEarth	07/21/20	15.50	1.4	< 0.20	< 0.20	< 0.20	< 0.20
	MW26-20201019	SoundEarth	10/19/20	15.50	1.1	< 0.20	< 0.20	< 0.20	< 0.20
	MW26-20210128	SoundEarth	01/28/21	15.50	0.41	< 0.20	< 0.20	< 0.20	< 0.20
	MW26-20210420	SoundEarth	04/20/21	15.00	0.34	< 0.20	< 0.20	< 0.20	< 0.20
	MW26-20210726	SoundEarth	07/26/21	15.00	0.49	< 0.20	< 0.20	< 0.20	< 0.20
	MW26-20211012	SoundEarth	10/12/21	15.00	0.52	< 0.20	< 0.20	< 0.20	< 0.10
	MW26-20220427	SoundEarth	04/27/22	15.00	0.28	< 0.20	< 0.20	< 0.20	< 0.20
	MW26-20221117	SoundEarth	11/17/22	15.00	0.54	< 0.20	< 0.20	< 0.20	< 0.20
	MW26-20230419	SoundEarth	04/19/23	14.00	0.45	< 0.20	< 0.20	< 0.20	< 0.20
	MW26-20231024	SoundEarth	10/24/23	16.00	0.57	< 0.20	< 0.20	< 0.20	< 0.20
MTCA Cleanup Levels for Groundwater					5 ⁽²⁾	5 ⁽²⁾	16 ⁽³⁾	160 ⁽³⁾	0.2 ⁽²⁾
Commercial Remediation Levels for Groundwater					120 ⁽⁵⁾	12 ⁽⁵⁾	1,600 ⁽⁵⁾	650 ⁽⁵⁾	1.6 ⁽⁵⁾
Roadway Excavation Remediation Levels for Groundwater					760 ⁽⁴⁾	40 ⁽⁴⁾	10,000 ⁽⁴⁾	4,200 ⁽⁴⁾	9.9 ⁽⁴⁾



Table 4
Groundwater Analytical Results for CVOCs
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well ID	Sample ID	Sampled By	Sample Date	Sample Point Depth (feet bgs)	Analytical Results ⁽¹⁾ (micrograms per liter)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
MW27	MW27-070111	Farallon	07/01/11	11.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW27-20141007	SoundEarth	10/07/14	12.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW27-20190207	SoundEarth	02/07/19	13.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW27-20200128	SoundEarth	01/28/20	12.50	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW27-20200421	SoundEarth	04/21/20	13.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW27-20200721	SoundEarth	07/21/20	13.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW27-20201020	SoundEarth	10/20/20	13.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW27-20210128	SoundEarth	01/28/21	13.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW27-20210420	SoundEarth	04/20/21	13.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW27-20210727	SoundEarth	07/27/21	13.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW27-20211012	SoundEarth	10/12/21	13.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.10
	MW27-20220426	SoundEarth	04/26/22	13.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW27-20221115	SoundEarth	11/15/22	13.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW27-20230418	SoundEarth	04/18/23	13.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW27-20231025	SoundEarth	10/25/23	13.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW27-20240415	SoundEarth	04/15/24	13.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW27-20241025	SoundEarth	10/25/24	12.75	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW27-20250422	SoundEarth	04/22/25	12.50	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW27-20251007	SoundEarth	10/07/25	13.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
MW28	MW28-20190604	SoundEarth	06/04/19	14.00	3.1	4.9	50	< 0.80	16
	MW28-20200128	SoundEarth	01/28/20	13.00	330	150	710	6.3	130
	MW28-20200422	SoundEarth	04/22/20	13.00	35	15	280	2.3	65
	MW28-20200721	SoundEarth	07/21/20	13.00	21	18	200	1.7	60
	MW28-20201020	SoundEarth	10/20/20	13.00	16	13	170	1.3	50
	MW28-20210128	SoundEarth	01/28/21	13.00	44	26	200	1.6	49
	MW28-20210421	SoundEarth	04/21/21	13.50	21	5.6	180	1.3	41
	MW28-20210727	SoundEarth	07/27/21	13.80	48	34	61	0.44	23
	MW28-20211013	SoundEarth	10/13/21	15.00	24	29	68	0.50	19
	MW28-20220427	SoundEarth	04/27/22	15.00	5.7	5.6	150	1.1	31
	MW28-20221117	SoundEarth	11/17/22	13.00	3.7	6.1	100	0.81	21
	MW28-20230420	SoundEarth	04/20/23	13.00	23	18	79	0.46	9.7
	MW28-20231026	SoundEarth	10/26/23	13.00	35	28	53	< 0.40	2.3
	MW28-20240416	SoundEarth	04/16/24	10.50	2.0	1.7	75	0.52	29
	MW28-20241028	SoundEarth	10/28/24	13.80	7.7	< 0.40	48	0.47	28
	MW28-20250424	SoundEarth	04/24/25	13.50	< 0.40	0.78	29	< 0.40	16
	MW28-20251008	SoundEarth	10/08/25	14.00	< 0.40	0.87	32	< 0.40	16
MW30	MW30-20210127	SoundEarth	01/27/21	16.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW30-20210419	SoundEarth	04/19/21	11.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW30-20210726	SoundEarth	07/26/21	13.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW30-20211011	SoundEarth	10/11/21	14.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.10
	MW30-20220426	SoundEarth	04/26/22	15.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW30-20221116	SoundEarth	11/16/22	13.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW30-20230418	SoundEarth	04/18/23	12.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW30-20231024	SoundEarth	10/24/23	13.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW30-20240415	SoundEarth	04/15/24	9.50	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW30-20241024	SoundEarth	10/24/24	15.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW30-20250422	SoundEarth	04/22/25	12.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW30-20251008	SoundEarth	10/08/25	16.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
MW32	MW32-20221116	SoundEarth	11/16/22	20.00	25	0.65	0.65	< 0.20	1.7
	MW32-20230418	SoundEarth	04/18/23	20.00	1.0	< 0.20	1.0	< 0.20	1.2
	MW32-20231025	SoundEarth	10/25/23	23.00	1.0	0.21	0.27	< 0.20	3.1
	MW32-20240416	SoundEarth	04/16/24	20.00	0.27	< 0.20	< 0.20	< 0.20	2.3
	MW32-20241025	SoundEarth	10/25/24	20.00	0.39	< 0.20	< 0.20	< 0.20	< 0.20
	MW32-20250423	SoundEarth	04/23/25	20.00	< 0.20	< 0.20	< 0.20	< 0.20	0.29
	MW32-20251009	SoundEarth	10/09/25	20.00	< 0.20	< 0.20	< 0.20	< 0.20	1.2
MW34	MW34-20221116	SoundEarth	11/16/22	20.00	13	4.6	39	< 0.20	9.2
	MW34-20230418	SoundEarth	04/18/23	20.00	2.0	0.30	2.9	< 0.20	7.3
	MW34-20231026	SoundEarth	10/26/23	21.00	1.2	0.23	1.2	< 0.20	1.9
	MW34-20240416	SoundEarth	04/16/24	20.00	0.23	< 0.20	0.91	< 0.20	1.0
	MW34-20241024	SoundEarth	10/24/24	20.00	0.33	0.21	0.96	< 0.20	1.1
	MW34-20250422	SoundEarth	04/22/25	20.00	< 0.20	< 0.20	0.42	< 0.20	0.42
	MW34-20251007	SoundEarth	10/07/25	20.00	< 0.20	0.21	0.61	< 0.20	0.99
MW36	MW36-20221115	SoundEarth	11/15/22	20.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW36-20230418	SoundEarth	04/18/23	20.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW36-20231025	SoundEarth	10/25/23	21.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW36-20240415	SoundEarth	04/15/24	20.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW36-20241024	SoundEarth	10/24/24	20.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW36-20250423	SoundEarth	04/23/25	20.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW36-20251007	SoundEarth	10/07/25	20.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
TMW01	TMW-1-040510	Farallon	04/05/10	13.75	15	0.29	< 0.20	< 0.20	< 0.20
	TMW-1-20100405	SoundEarth	04/05/10	--	16	< 1.0	< 1.0	< 1.0	< 0.20
	Monitoring Well Decommissioned								
TMW02	TMW-2-040510	Farallon	04/05/10	13.79	110	1.5	< 1.0	< 1.0	< 1.0
	TMW-2-20100405	SoundEarth	04/05/10	--	150	1.5	< 1.0	< 1.0	< 0.20
	Monitoring Well Decommissioned								
TMW03	TMW-3-040510	Farallon	04/05/10	13.22	310	3.6	< 2.0	< 2.0	< 2.0
	TMW-3-20100405	SoundEarth	04/05/10	--	350	3.7	< 1.0	< 1.0	< 0.20
	Monitoring Well Decommissioned								
MTCA Cleanup Levels for Groundwater					5 ⁽²⁾	5 ⁽²⁾	16 ⁽³⁾	160 ⁽³⁾	0.2 ⁽²⁾
Commercial Remediation Levels for Groundwater					120 ⁽⁵⁾	12 ⁽⁵⁾	1,600 ⁽⁵⁾	650 ⁽⁵⁾	1.6 ⁽⁵⁾
Roadway Excavation Remediation Levels for Groundwater					760 ⁽⁴⁾	40 ⁽⁴⁾	10,000 ⁽⁴⁾	4,200 ⁽⁴⁾	9.9 ⁽⁴⁾



Table 4
Groundwater Analytical Results for CVOCs
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well ID	Sample ID	Sampled By	Sample Date	Sample Point Depth (feet bgs)	Analytical Results ⁽¹⁾ (micrograms per liter)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
IW08	IW08-20200212*	SoundEarth	02/12/20	13.00	1.0	0.32	12	< 0.20	0.39
	IW08-20200526*	SoundEarth	05/26/20	9.00	1.2	0.32	12	< 0.20	1.2
	IW08-20200720*	SoundEarth	07/20/20	9.00	0.77	0.48	14	< 0.20	0.74
	IW08-20201019*	SoundEarth	10/19/20	9.00	1.2	0.44	17	< 0.20	1.2
	IW08-20210127*	SoundEarth	01/27/21	9.00	1.4	0.44	30	< 0.20	2.1
	IW08-20210419*	SoundEarth	04/19/21	10.00	2.1	0.48	35	< 0.40	2.5
	IW08-20210726*	SoundEarth	07/26/21	10.00	1.7	0.56	31	< 0.20	1.1
	IW08-20211011*	SoundEarth	10/11/21	11.00	1.4	0.43	32	< 0.20	2.0
	IW08-20220425*	SoundEarth	04/25/22	10.00	1.3	0.70	49	< 0.40	1.9
	IW08-20221115*	SoundEarth	11/15/22	11.00	1.6	0.63	39	< 0.20	1.8
	IW08-20230417*	SoundEarth	04/17/23	10.00	2.1	0.88	52	< 0.40	2.6
	IW08-20231023*	SoundEarth	10/23/23	10.00	1.6	0.84	51	< 0.40	1.9
	IW08-20240412*	SoundEarth	04/12/24	10.00	1.6	0.99	57	< 0.40	2.0
	IW08-20241023*	SoundEarth	10/23/24	10.00	1.6	0.84	46	< 0.40	1.5
IW16	IW16-20200212*	SoundEarth	02/12/20	12.50	< 1.0	1.2	37	< 1.0	180
	IW16-20200526*	SoundEarth	05/26/20	13.50	< 1.0	1.5	36	< 1.0	160
	IW16-20200720*	SoundEarth	07/20/20	13.50	0.71	1.4	33	< 0.50	120
	IW16-20201019*	SoundEarth	10/19/20	13.50	0.81	1.2	24	< 0.40	73
	IW16-20210127*	SoundEarth	01/27/21	13.50	1.2	1.6	17	< 0.40	56
	IW16-20210419*	SoundEarth	04/19/21	13.00	0.91	1.7	17	< 0.40	55
	IW16-20210726*	SoundEarth	07/26/21	13.00	0.87	1.2	12	< 0.40	42
	IW16-20211011*	SoundEarth	10/11/21	13.00	0.51	1.0	8.6	0.23	35
	IW16-20220425*	SoundEarth	04/25/22	12.00	0.92	1.7	7.7	< 0.40	29
	IW16-20221115*	SoundEarth	11/15/22	11.00	0.97	1.2	9.4	< 0.20	15
	IW16-20230417*	SoundEarth	04/17/23	10.00	1.1	1.5	5.7	< 0.20	14
	IW16-20231023*	SoundEarth	10/23/23	12.00	1.2	1.4	6.0	< 0.20	10
	IW16-20240412*	SoundEarth	04/12/24	12.00	0.47	0.25	0.95	< 0.20	3.3
	IW16-20240618*	SoundEarth	06/18/24	12.00	0.43	0.22	1.8	< 0.20	7.6
IW21	IW21-20200212*	SoundEarth	02/12/20	10.00	< 10	< 10	81	< 10	1,500
	IW21-20200526*	SoundEarth	05/26/20	10.00	< 2.0	< 2.0	< 2.0	< 2.0	330
	IW21-20200720*	SoundEarth	07/20/20	10.00	< 2.0	< 2.0	6.7	< 2.0	400
	IW21-20201019*	SoundEarth	10/19/20	10.00	< 4.0	< 4.0	< 4.0	< 4.0	740
	IW21-20210127*	SoundEarth	01/27/21	10.00	< 0.80	< 0.80	< 0.80	< 0.80	87
	IW21-20210419*	SoundEarth	04/19/21	12.00	< 4.0	< 4.0	11	< 4.0	380
	IW21-20210726*	SoundEarth	07/26/21	12.00	< 0.20	0.88	1.1	< 0.20	25
	IW21-20211011*	SoundEarth	10/11/21	12.00	< 0.40	0.88	4.2	< 0.40	50
	IW21-20220425*	SoundEarth	04/25/22	12.00	< 4.00	< 4.00	120	< 4.00	300
	IW21-20221115*	SoundEarth	11/15/22	10.00	< 0.20	0.53	1.5	0.28	4.5
	IW21-20230417*	SoundEarth	04/17/23	10.00	< 0.80	1.3	78	1.1	180
	IW21-20231023*	SoundEarth	10/23/23	9.50	< 0.20	0.47	7.1	0.86	32
	IW21-20240412*	SoundEarth	04/12/24	9.50	< 1.0	< 1.0	2.7	< 1.0	62
	IW21-20240618*	SoundEarth	06/18/24	9.50	< 0.80	< 0.80	12	< 0.80	50
IW30	IW30-20200212*	SoundEarth	02/12/20	10.00	< 10	< 10	81	< 10	1,500
	IW30-20200526*	SoundEarth	05/26/20	10.00	< 2.0	< 2.0	< 2.0	< 2.0	330
	IW30-20200720*	SoundEarth	07/20/20	10.00	< 2.0	< 2.0	6.7	< 2.0	400
	IW30-20201019*	SoundEarth	10/19/20	10.00	< 4.0	< 4.0	< 4.0	< 4.0	740
	IW30-20210127*	SoundEarth	01/27/21	10.00	< 0.80	< 0.80	< 0.80	< 0.80	87
	IW30-20210419*	SoundEarth	04/19/21	12.00	< 4.0	< 4.0	11	< 4.0	380
	IW30-20210726*	SoundEarth	07/26/21	12.00	< 0.20	0.88	1.1	< 0.20	25
	IW30-20211011*	SoundEarth	10/11/21	12.00	< 0.40	0.88	4.2	< 0.40	50
	IW30-20220425*	SoundEarth	04/25/22	12.00	< 4.00	< 4.00	120	< 4.00	300
	IW30-20221115*	SoundEarth	11/15/22	10.00	< 0.20	0.53	1.5	0.28	4.5
	IW30-20230417*	SoundEarth	04/17/23	10.00	< 0.80	1.3	78	1.1	180
	IW30-20231023*	SoundEarth	10/23/23	9.50	< 0.20	0.47	7.1	0.86	32
	IW30-20240412*	SoundEarth	04/12/24	9.50	< 1.0	< 1.0	2.7	< 1.0	62
	IW30-20240618*	SoundEarth	06/18/24	9.50	< 0.80	< 0.80	12	< 0.80	50
IW31	IW31-20200212*	SoundEarth	02/12/20	13.00	0.36	< 0.20	< 0.20	< 0.20	< 0.20
	IW31-20200526*	SoundEarth	05/26/20	10.00	0.23	< 0.20	< 0.20	< 0.20	< 0.20
	IW31-20200720*	SoundEarth	07/20/20	10.00	0.28	< 0.20	< 0.20	< 0.20	< 0.20
	IW31-20201019*	SoundEarth	10/19/20	10.00	0.35	< 0.20	< 0.20	< 0.20	< 0.20
	IW31-20210127*	SoundEarth	01/27/21	10.00	0.34	< 0.20	< 0.20	< 0.20	< 0.20
	IW31-20210419*	SoundEarth	04/19/21	13.00	0.33	< 0.20	0.78	< 0.20	< 0.20
	IW31-20210726*	SoundEarth	07/26/21	13.00	0.28	< 0.20	0.21	< 0.20	< 0.20
	IW31-20211011*	SoundEarth	10/11/21	13.00	0.29	< 0.20	< 0.20	< 0.20	< 0.20
	IW31-20220425*	SoundEarth	04/25/22	10.00	0.32	< 0.20	< 0.20	< 0.20	< 0.20
	IW31-20221114*	SoundEarth	11/14/22	10.00	0.22	< 0.20	< 0.20	< 0.20	< 0.20
	IW31-20230417*	SoundEarth	04/17/23	13.00	0.38	< 0.20	< 0.20	< 0.20	< 0.20
	IW31-20231023*	SoundEarth	10/23/23	15.00	0.29	< 0.20	< 0.20	< 0.20	< 0.20
	IW31-20240415*	SoundEarth	04/15/24	8.00	< 0.20	< 0.20	3.1	< 0.20	1.9
	IW31-20240618*	SoundEarth	06/18/24	8.00	< 0.20	< 0.20	3.1	< 0.20	2.4
IW33	IW33-20200212*	SoundEarth	02/12/20	13.00	6.3	< 1.00	< 1.00	< 1.00	< 0.20
	IW33-20200526*	SoundEarth	05/26/20	10.50	1.1	< 0.20	< 0.20	< 0.20	< 0.20
	IW33-20200720*	SoundEarth	07/20/20	10.50	1.2	< 0.20	< 0.20	< 0.20	< 0.20
	IW33-20201019*	SoundEarth	10/19/20	10.50	1.0	< 0.20	< 0.20	< 0.20	< 0.20
	IW33-20210127*	SoundEarth	01/27/21	10.50	1.1	< 0.20	< 0.20	< 0.20	< 0.20
	IW33-20210419*	SoundEarth	04/19/21	11.00	1.1	< 0.20	< 0.20	< 0.20	< 0.20
	IW33-20210726*	SoundEarth	07/26/21	11.00	0.98	< 0.20	< 0.20	< 0.20	< 0.20
	IW33-20211011*	SoundEarth	10/11/21	14.00	0.90	< 0.20	< 0.20	< 0.20	< 0.20
	IW33-20220425*	SoundEarth	04/25/22	13.00	1.1	< 0.20	< 0.20	< 0.20	< 0.20
	IW33-20221114*	SoundEarth	11/14/22	12.00	0.96	< 0.20	0.27	< 0.20	< 0.20
	IW33-20230417*	SoundEarth	04/17/23	12.00	1.1	< 0.20	< 0.20	< 0.20	< 0.20
	IW33-20231023*	SoundEarth	10/23/23	14.50	0.90	0.21	< 0.20	< 0.20	< 0.20
	IW33-20240415*	SoundEarth	04/15/24	14.50	1.2	< 1.0	91	< 1.0	73
	IW33-20240618*	SoundEarth	06/18/24	14.50	< 0.80	< 0.80	78	0.99	43
Roadway Excavation Remediation Levels for Groundwater	IW33-20241024*	SoundEarth	10/24/24	14.50	0.63	0.56	74	0.80	15
	IW33-20250421*	SoundEarth	04/21/25	14.50	0.76	0.52	46	0.43	3.4
	IW33-20251006*	SoundEarth	10/06/25	14.50	0.94	0.56	42	0.44	4.2
	IW33-20251006*	SoundEarth	10/06/25	14.50	0.94	0.56	42	0.44	4.2
MTCA Cleanup Levels for Groundwater					5 ⁽²⁾	5 ⁽²⁾	16 ⁽³⁾	160 ⁽³⁾	0.2 ⁽²⁾
Commercial Remediation Levels for Groundwater					120 ⁽⁵⁾	12 ⁽⁵⁾	1,600 ⁽⁵⁾	650 ⁽⁵⁾	1.6 ⁽⁶⁾
Roadway Excavation Remediation Levels for Groundwater					760 ⁽⁴⁾	40 ⁽⁴⁾	10,000 ⁽⁴⁾	4,200 ⁽⁴⁾	9.9 ⁽⁴⁾



Table 4
Groundwater Analytical Results for CVOCs
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well ID	Sample ID	Sampled By	Sample Date	Sample Point Depth (feet bgs)	Analytical Results ⁽¹⁾ (micrograms per liter)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
IW55	IW55-20230417*	SoundEarth	04/17/23	5.50	< 0.20	0.27	1.6	< 0.20	1.2
	IW55-20231023*	SoundEarth	10/23/23	5.50	< 0.20	0.22	1.9	< 0.20	1.3
	IW55-20240412*	SoundEarth	04/12/24	4.00	< 0.20	< 0.20	1.5	< 0.20	0.86
	IW55-20241023*	SoundEarth	10/23/24	4.00	< 0.20	< 0.20	0.92	< 0.20	0.89
	IW55-20250421*	SoundEarth	04/21/25	4.00	< 0.20	< 0.20	1.1	< 0.20	0.78
	IW55-20251006*	SoundEarth	10/06/25	4.00	< 0.20	< 0.20	1.1	< 0.20	0.86
IW57	IW57-20221115*	SoundEarth	11/15/22	6.00	< 0.20	0.40	0.95	< 0.20	0.43
	IW57-20230417*	SoundEarth	04/17/23	4.00	< 0.20	0.29	0.48	< 0.20	0.33
	IW57-20231023*	SoundEarth	10/23/23	4.00	< 0.20	0.23	0.25	< 0.20	0.27
	IW57-20240412*	SoundEarth	04/12/24	4.00	< 0.20	< 0.20	< 0.20	< 0.20	0.42
	IW57-20241023*	SoundEarth	10/23/24	4.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	IW57-20250421*	SoundEarth	04/21/25	4.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
IW59	IW59-20200212*	SoundEarth	02/12/20	4.00	< 0.20	0.55	1.0	< 0.20	0.24
	IW59-20200526*	SoundEarth	05/26/20	4.00	< 0.20	0.51	1.4	< 0.20	3.0
	IW59-20200720*	SoundEarth	07/20/20	4.00	< 0.20	0.69	2.3	< 0.20	6.9
	IW59-20201019*	SoundEarth	10/19/20	4.00	0.22	1.8	5.0	< 0.20	15
	IW59-20210127*	SoundEarth	01/27/21	4.00	0.51	2.3	11	< 0.20	41
	IW59-20210419*	SoundEarth	04/19/21	4.00	< 1.0	2.2	42	< 1.0	79
	IW59-20210726*	SoundEarth	07/26/21	4.00	0.48	2.0	61	< 0.40	87
	IW59-20211011*	SoundEarth	10/11/21	4.00	< 0.80	1.7	94	< 0.80	130
	IW59-20220425*	SoundEarth	04/25/22	3.00	< 2.0	< 2.0	140	< 2.0	160
	IW59-20221115*	SoundEarth	11/15/22	3.00	< 0.80	1.1	140	< 0.80	100
	IW59-20230417*	SoundEarth	04/17/23	--	< 1.0	< 1.0	43	< 1.0	130
	IW59-20231023*	SoundEarth	10/23/23	4.00	< 1.0	< 1.0	12	< 1.0	69
	IW59-20240412*	SoundEarth	04/12/24	4.00	< 0.20	< 0.20	0.40	< 0.20	14
	IW59-20240618*	SoundEarth	06/18/24	4.00	< 0.40	< 0.40	2.9	< 0.40	28
	IW59-20241023*	SoundEarth	10/23/24	4.00	< 0.20	< 0.20	7.7	< 0.20	18
	IW59-20250421*	SoundEarth	04/21/25	4.00	< 0.20	< 0.20	3.0	< 0.20	1.6
	IW59-20251006*	SoundEarth	10/06/25	4.00	< 0.20	< 0.20	2.1	< 0.20	0.40
IW61	IW61-20221115*	SoundEarth	11/15/22	6.00	< 0.20	< 0.20	0.42	< 0.20	10
	IW61-20230417*	SoundEarth	04/17/23	5.00	< 0.20	< 0.20	0.33	< 0.20	20
	IW61-20231023*	SoundEarth	10/23/23	4.50	< 0.20	< 0.20	0.49	< 0.20	22
	IW61-20240412*	SoundEarth	04/12/24	4.00	< 0.40	< 0.40	2.9	< 0.40	36
	IW61-20240618*	SoundEarth	06/18/24	4.00	< 1.0	< 1.0	26	< 1.0	100
	IW61-20241023*	SoundEarth	10/23/24	4.00	< 0.20	< 0.20	33	< 0.20	67
	IW61-20250421*	SoundEarth	04/21/25	4.00	< 0.80	< 0.80	140	< 0.80	76
	IW61-20251006*	SoundEarth	10/06/25	4.00	< 0.80	< 0.80	6.7	< 0.80	3.2
Deep Water-Bearing Zone Wells									
MW07	MW7-111904-01	Farallon	11/19/04	26.00	7,000	47	< 20	< 20	< 20
	MW7-060206	Farallon	06/02/06	29.00	530	16	< 4.0	< 4.0	< 4.0
	MW7-042007	Farallon	04/20/07	28.00	2.5	< 2.0	< 2.0	< 2.0	< 2.0
	MW7-112008	Farallon	11/20/08	28.67	18.0	0.69	< 2.0	< 2.0	< 2.0
	MW7-050410	Farallon	05/04/10	26.00	12.0	0.49	< 0.20	< 0.20	< 0.20
	MW07-20140910	SoundEarth	09/10/14	26.00	4.5	0.26	< 0.20	< 0.20	< 0.20
Monitoring Well Decommissioned									
MW08	MW8-111904-01	Farallon	11/19/04	35.00	0.36	< 0.20	< 0.20	< 0.20	< 0.20
	MW8-060106	Farallon	06/01/06	38.09	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW8-111908	Farallon	11/19/08	38.15	0.70	< 0.20	< 0.20	< 0.20	< 0.20
	MW8-050510	Farallon	05/04/10	35.00	< 1.0	< 0.20	< 0.20	< 0.20	< 0.20
	MW08-20140909	SoundEarth	09/09/14	30.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW08-20181025	SoundEarth	10/25/18	37.50	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW08-20200128	SoundEarth	01/28/20	35.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW08-20200421	SoundEarth	04/21/20	35.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW08-20200720	SoundEarth	07/20/20	35.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW08-20201019	SoundEarth	10/19/20	35.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW08-20210127	SoundEarth	01/27/21	35.00	4.4	0.23	< 0.20	< 0.20	< 0.20
	MW08-20210420	SoundEarth	04/20/21	35.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW08-20210726	SoundEarth	07/26/21	35.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW08-20211012	SoundEarth	10/12/21	15.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.10
	MW08-20220426	SoundEarth	04/26/22	35.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW08-20221116	SoundEarth	11/16/22	35.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW08-20230419	SoundEarth	04/19/23	35.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW08-20231023	SoundEarth	10/23/23	36.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
MTCA Cleanup Levels for Groundwater					5 ⁽²⁾	5 ⁽²⁾	16 ⁽³⁾	160 ⁽³⁾	0.2 ⁽²⁾
Commercial Remediation Levels for Groundwater					120 ⁽⁵⁾	12 ⁽⁵⁾	1,600 ⁽⁵⁾	650 ⁽⁵⁾	1.6 ⁽⁵⁾
Roadway Excavation Remediation Levels for Groundwater					760 ⁽⁴⁾	40 ⁽⁴⁾	10,000 ⁽⁴⁾	4,200 ⁽⁴⁾	9.9 ⁽⁴⁾



Table 4
Groundwater Analytical Results for CVOCs
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well ID	Sample ID	Sampled By	Sample Date	Sample Point Depth (feet bgs)	Analytical Results ⁽¹⁾ (micrograms per liter)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
MW09	MW9-111904-01	Farallon	11/19/04	35.00	210	< 1.0	< 1.0	< 1.0	< 1.0
	MW9-060106	Farallon	06/01/06	37.81	390	< 2.0	< 2.0	< 2.0	< 2.0
	MW9-042007	Farallon	04/20/07	36.75	410	< 2.0	< 2.0	< 2.0	< 2.0
	MW9-112008	Farallon	11/20/08	37.81	220	< 2.0	< 2.0	< 2.0	< 2.0
	MW9-050410	Farallon	05/04/10	35.00	190	< 0.20	< 0.20	< 0.20	< 0.20
	MW09-20140910	SoundEarth	09/10/14	35.00	89	< 0.20	< 0.20	< 0.20	< 0.20
	MW09-20181024	SoundEarth	10/24/18	35.00	160	< 1.0	< 1.0	< 1.0	< 1.0
	MW09-20200129	SoundEarth	01/29/20	35.00	97	3.4	160	< 1.0	< 1.0
	MW09-20200421	SoundEarth	04/21/20	35.00	72	4.6	120	< 1.0	< 0.20
	MW09-20200721	SoundEarth	07/21/20	35.00	130	11	170	1.4	< 0.20
	MW09-20201020	SoundEarth	10/20/20	35.00	250	13	110	< 1.0	< 0.20
	MW09-20210128	SoundEarth	01/28/21	35.00	350	8.0	43	< 2.0	< 0.20
	MW09-20210420	SoundEarth	04/20/21	35.00	310	6.9	30	< 2.0	< 0.20
	MW09-20210727	SoundEarth	07/27/21	35.00	410	4.3	23	< 2.0	< 0.20
	MW09-20211013	SoundEarth	10/13/21	35.00	380	3.9	20	< 0.40	< 0.20
	MW09-20220427	SoundEarth	04/27/22	35.00	420	4.4	15	< 0.20	< 0.20
	MW09-20221117	SoundEarth	11/17/22	35.00	670	< 4.0	10	< 4.0	< 0.20
	MW09-20230420	SoundEarth	04/20/23	35.00	590	2.9	6.6	< 2.0	< 0.20
	MW09-20231025	SoundEarth	10/25/23	35.00	760	5.3	15	< 2.0	0.37
	MW09-20240416	SoundEarth	04/16/24	35.00	450	2.1	10	< 2.0	0.22
MW10	MW10-111904-01	Farallon	11/19/04	34.98	2.5	< 0.20	< 0.20	< 0.20	< 0.20
	MW10-060106	Farallon	06/01/06	37.98	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW10-042007	Farallon	04/20/07	37.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW10-112008	Farallon	11/20/08	38.01	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW10-050410	Farallon	05/04/10	35.00	3.30	< 0.20	< 0.20	< 0.20	< 0.20
	MW10-20140910	SoundEarth	09/10/14	35.00	600	< 0.20	< 0.20	< 0.20	< 0.20
	MW10-20181024	SoundEarth	10/24/18	35.00	210	< 2.0	< 2.0	< 2.0	< 2.0
	MW10-20190409	SoundEarth	04/09/19*	35.00	21	1.1	1.8	< 0.20	< 0.20
	MW10-20200129	SoundEarth	01/29/20	35.00	6.5	3.3	250	< 1.0	1.6
	MW10-20200422	SoundEarth	04/22/20	35.00	< 2.0	< 2.0	270	< 2.0	1.5
	MW10-20200722	SoundEarth	07/22/20	35.00	< 2.0	< 2.0	270	< 2.0	1.3
	MW10-20201020	SoundEarth	10/20/20	35.00	6.5	3.6	480	< 2.0	1.2
	MW10-20210128	SoundEarth	01/28/21	35.00	11	6.5	420	< 2.0	0.91
	MW10-20210420	SoundEarth	04/20/21	35.00	47	15	650	< 4.0	1.3
	MW10-20210726	SoundEarth	07/26/21	35.00	19	8.9	400	< 2.0	0.78
	MW10-20211012	SoundEarth	10/12/21	35.00	9.3	5.3	150	0.48	0.56
	MW10-20220426	SoundEarth	04/26/22	35.00	1.7	1.5	120	< 0.80	0.50
	MW10-20221117	SoundEarth	11/17/22	35.00	4.5	3.3	80	< 0.40	0.45
	MW10-20230420	SoundEarth	04/20/23	35.00	7.3	7.8	59	< 0.40	0.42
	MW10-20231025	SoundEarth	10/25/23	35.00	5.0	17	140	< 0.80	0.53
MW11	MW11-060206	Farallon	06/02/06	62.30	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW11-112008	Farallon	11/20/08	63.30	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW11-050310	Farallon	05/03/10	62.50	< 1.0	< 0.20	< 0.20	< 0.20	< 0.20
	MW11-20141007	SoundEarth	10/07/14	62.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
MW12	MW12-060206	Farallon	06/02/06	60.51	0.76	< 0.20	< 0.20	< 0.20	< 0.20
	MW12-111908	Farallon	11/19/08	64.10	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW12-050310	Farallon	05/03/10	62.00	< 1.0	< 0.20	< 0.20	< 0.20	< 0.20
	MW12-20140909	SoundEarth	09/09/14	62.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
MW12	MW12-20181024	SoundEarth	10/24/18	62.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
MTCA Cleanup Levels for Groundwater					5 ⁽²⁾	5 ⁽²⁾	16 ⁽³⁾	160 ⁽³⁾	0.2 ⁽²⁾
Commercial Remediation Levels for Groundwater					120 ⁽⁵⁾	12 ⁽⁵⁾	1,600 ⁽⁵⁾	650 ⁽⁵⁾	1.6 ⁽⁵⁾
Roadway Excavation Remediation Levels for Groundwater					760 ⁽⁴⁾	40 ⁽⁴⁾	10,000 ⁽⁴⁾	4,200 ⁽⁴⁾	9.9 ⁽⁴⁾



Table 4
Groundwater Analytical Results for CVOCs
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well ID	Sample ID	Sampled By	Sample Date	Sample Point Depth (feet bgs)	Analytical Results ⁽¹⁾ (micrograms per liter)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
MW13	MW13-060206	Farallon	06/02/06	60.90	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW13-042007	Farallon	04/20/07	63.18	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW13-111908	Farallon	11/19/08	64.22	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW13-050310	Farallon	05/03/10	60.00	< 1.0	< 0.20	< 0.20	< 0.20	< 0.20
	MW13-20140909	SoundEarth	09/09/14	60.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW13-20181024	SoundEarth	10/24/18	58.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
MW14	MW14-060206	Farallon	06/02/06	71.31	0.99	< 0.20	< 0.20	< 0.20	< 0.20
	MW14-032507	Farallon	03/25/07	70.08	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW14-042007	Farallon	04/20/07	68.80	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW14-112008	Farallon	11/20/08	70.16	1.1	< 0.20	< 0.20	< 0.20	< 0.20
	MW14-050410	Farallon	05/04/10	68.00	< 1.0	< 0.20	< 0.20	< 0.20	< 0.20
	MW14-20140910	SoundEarth	09/10/14	68.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
Monitoring Well Decommissioned									
MW18	MW18-060106	Farallon	06/01/06	75.92	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW18-20080328	SoundEarth	03/28/08	--	650	< 10	< 10	< 10	< 2.0
	Monitoring Well Decommissioned								
MW20	MW20-112008	Farallon	11/20/08	47.19	0.28	< 0.20	< 0.20	< 0.20	< 0.20
	MW20-050410	Farallon	05/04/10	45.00	< 1.0	< 0.20	< 0.20	< 0.20	< 0.20
	Monitoring Well Decommissioned								
MW22	MW22-112008	Farallon	11/20/08	47.19	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW22-050410	Farallon	05/04/10	44.00	< 1.0	< 0.20	< 0.20	< 0.20	< 0.20
	MW22-20140910	SoundEarth	09/10/14	44.50	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW22-20181024	SoundEarth	10/24/18	44.50	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW22-20200128	SoundEarth	01/28/20	45.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW22-20200421	SoundEarth	04/21/20	44.50	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW22-20200721	SoundEarth	07/21/20	44.50	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW22-20201019	SoundEarth	10/19/20	44.50	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW22-20210127	SoundEarth	01/27/21	44.50	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW22-20210420	SoundEarth	04/20/21	44.50	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW22-20210726	SoundEarth	07/26/21	45.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW22-20211012	SoundEarth	10/12/21	45.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.10
	MW22-20220426	SoundEarth	04/26/22	45.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW22-20221116	SoundEarth	11/16/22	45.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW22-20230419	SoundEarth	04/19/23	44.50	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
MW29	MW22-20231024	SoundEarth	10/24/23	42.50	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW29-20190521	SoundEarth	05/21/19	45.00	11	0.62	< 0.20	< 0.20	< 0.20
	MW29-20200128	SoundEarth	01/28/20	45.00	4.5	1.1	2.8	< 0.20	< 0.20
	MW29-20200422	SoundEarth	04/22/20	40.00	0.79	< 0.20	< 0.20	< 0.20	< 0.20
	MW29-20200721	SoundEarth	07/21/20	40.00	4.6	1.5	0.86	< 0.20	< 0.20
	MW29-20201019	SoundEarth	10/19/20	40.00	4.5	1.2	0.55	< 0.20	< 0.20
	MW29-20210128	SoundEarth	01/28/21	40.00	7.1	1.5	0.30	< 0.20	< 0.20
	MW29-20210420	SoundEarth	04/20/21	45.00	7.2	1.3	0.21	< 0.20	< 0.20
	MW29-20210726	SoundEarth	07/26/21	45.00	4.8	0.53	< 0.20	< 0.20	< 0.20
	MW29-20211012	SoundEarth	10/12/21	--	5.3	0.87	< 0.20	< 0.20	< 0.10
	MW29-20220427	SoundEarth	04/27/22	45.00	1.4	0.78	2.7	< 0.20	< 0.20
	MW29-20221116	SoundEarth	11/16/22	45.00	2.4	0.82	< 0.20	< 0.20	< 0.20
	MW29-20230419	SoundEarth	04/19/23	45.00	3.6	1.0	< 0.20	< 0.20	< 0.20
	MW29-20231025	SoundEarth	10/25/23	36.00	6.8	2.6	0.73	< 0.20	< 0.20
	MW29-20240416	SoundEarth	04/16/24	45.00	1.2	0.38	2.5	< 0.20	< 0.20
MW31	MW29-20241024	SoundEarth	10/24/24	45.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW29-20250423	SoundEarth	04/23/25	45.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW29-20251008	SoundEarth	10/08/25	45.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW31-20210127	SoundEarth	01/27/21	37.00	16,000	780	940	< 200	< 200
	MW31-20210419	SoundEarth	04/19/21	37.50	19,000	2,600	3,400	< 100	< 10
	MW31-20210726	SoundEarth	07/26/21	37.50	480	790	15,000	110	12
	MW31-20210819	SoundEarth	08/19/21	38.00	350	360	16,000	140	20
	MW31-20211011	SoundEarth	10/11/21	37.50	370	410	11,000	150	65
	MW31-20220426	SoundEarth	04/26/22	--	110	12	13,000	120	570
	MW31-20221116	SoundEarth	11/16/22	38.00	55	< 25	10,000	85	1,100
	MW31-20230418	SoundEarth	04/18/23	38.00	< 50	< 50	7,800	54	1,500
MW32	MW31-20231026	SoundEarth	10/26/23	38.00	67	< 50	6,400	< 50	2,000
	MW31-20240417	SoundEarth	04/17/24	37.00	< 40	< 40	7,900	60	2,700
	MW31-20241028	SoundEarth	10/28/24	37.50	< 50	< 50	8,700	60	2,100
	MW31-20250424	SoundEarth	04/24/25	37.50	< 50	< 50	4,400	< 50	1,800
	MW31-20251008	SoundEarth	10/08/25	37.50	55	62	5,000	< 50	2,500
	MW32-20221116	SoundEarth	11/16/22	20.00	25	0.65	0.65	< 0.20	1.7
	MW32-20230418	SoundEarth	04/18/23	20.00	1.0	< 0.20	1.0	< 0.20	1.2
MW33	MW32-20231025	SoundEarth	10/25/23	23.00	1.0	0.21	0.27	< 0.20	3.1
	MW32-20240416	SoundEarth	04/16/24	20.00	0.27	< 0.20	< 0.20	< 0.20	2.3
	MW32-20241025	SoundEarth	10/25/24	20.00	0.39	< 0.20	< 0.20	< 0.20	< 0.20
	MW32-20250423	SoundEarth	04/23/25	20.00	< 0.20	< 0.20	< 0.20	< 0.20	0.29
	MW32-20251009	SoundEarth	10/09/25	20.00	< 0.20	< 0.20	< 0.20	< 0.20	1.2
	MW33-20221116	SoundEarth	11/16/22	40.00	4.5	< 0.20	< 0.20	< 0.20	< 0.20
MW34	MW33-20230418	SoundEarth	04/18/23	40.00	1.5	< 0.20	< 0.20	< 0.20	< 0.20
	MW33-20231024	SoundEarth	10/24/23	40.00	0.57	< 0.20	< 0.20	< 0.20	< 0.20
	MW33-20240416	SoundEarth	04/16/24	40.00	0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW33-20241024	SoundEarth	10/24/24	40.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW33-20250422	SoundEarth	04/22/25	40.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW33-20251008	SoundEarth	10/08/25	40.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW34-20221116	SoundEarth	11/16/22	20.00	13	4.6	39	< 0.20	9.2
MW34	MW34-20230418	SoundEarth	04/18/23	20.00	2.0	0.30	2.9	< 0.20	7.3
	MW34-20231026	SoundEarth	10/26/23	21.00	1.2	0.23	1.2	< 0.20	1.9
	MW34-20240416	SoundEarth	04/16/24	20.00	0.23	< 0.20	0.91	< 0.20	1.0
	MW34-20241024	SoundEarth	10/24/24	20.00	0.33	0.21	0.96	< 0.20	1.1
	MW34-20250422	SoundEarth	04/22/25	20.00	< 0.20	< 0.20	0.42	< 0.20	0.42
	MW34-20251007	SoundEarth	10/07/25	20.00	< 0.20	0.21	0.61	< 0.20	0.99
MTCA Cleanup Levels for Groundwater					5 ⁽²⁾	5 ⁽²⁾	16 ⁽³⁾	160 ⁽³⁾	0.2 ⁽²⁾
Commercial Remediation Levels for Groundwater					120 ⁽⁵⁾	12 ⁽⁵⁾	1,600 ⁽⁵⁾	650 ⁽⁵⁾	1.6 ⁽⁵⁾
Roadway Excavation Remediation Levels for Groundwater					760 ⁽⁴⁾	40 ⁽⁴⁾	10,000 ⁽⁴⁾	4,200 ⁽⁴⁾	9.9 ⁽⁴⁾



Table 4
Groundwater Analytical Results for CVOCs
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well ID	Sample ID	Sampled By	Sample Date	Sample Point Depth (feet bgs)	Analytical Results ⁽¹⁾ (micrograms per liter)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
MW35	MW35-20221115	SoundEarth	11/15/22	40.00	3,300	110	310	< 0.20	2.8
	MW35-20230418	SoundEarth	04/18/23	40.00	240	25	340	< 2.0	1.2
	MW35-20231026	SoundEarth	10/26/23	42.00	3,600	220	1,300	3.1	30
	MW35-20240416	SoundEarth	04/16/24	40.00	4.7	1.9	26	< 0.20	0.32
	MW35-20241028	SoundEarth	10/28/24	40.00	17	5.8	39	< 0.20	2.6
	MW35-20250422	SoundEarth	04/22/25	40.00	15	4.0	21	< 0.20	1.2
	MW35-20251008	SoundEarth	10/08/25	40.00	28	8.9	45	0.24	12
MW36	MW36-20221115	SoundEarth	11/15/22	20.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW36-20230418	SoundEarth	04/18/23	20.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW36-20231025	SoundEarth	10/25/23	21.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW36-20240415	SoundEarth	04/15/24	20.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW36-20241024	SoundEarth	10/24/24	20.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW36-20250423	SoundEarth	04/23/25	20.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW36-20251007	SoundEarth	10/07/25	20.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
MW37	MW37-20221115	SoundEarth	11/15/22	40.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW37-20230418	SoundEarth	04/18/23	40.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW37-20231024	SoundEarth	10/24/23	40.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW37-20240415	SoundEarth	04/15/24	40.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW37-20241025	SoundEarth	10/25/24	40.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW37-20250423	SoundEarth	04/23/25	40.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	MW37-20251007	SoundEarth	10/07/25	40.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
IW07	IW07-20200212*	SoundEarth	02/12/20	32.00	< 0.20	< 0.20	1.5	< 0.20	< 0.20
	IW07-20200526*	SoundEarth	05/26/20	32.00	< 0.20	< 0.20	1.8	< 0.20	< 0.20
	IW07-20200720*	SoundEarth	07/20/20	32.00	< 0.20	< 0.20	1.9	< 0.20	< 0.20
	IW07-20201019*	SoundEarth	10/19/20	32.00	< 0.20	< 0.20	1.5	< 0.20	< 0.20
	IW07-20210127*	SoundEarth	01/27/21	32.00	< 0.20	< 0.20	1.8	< 0.20	0.23
	IW07-20210419*	SoundEarth	04/19/21	32.00	< 0.20	< 0.20	1.5	< 0.20	0.32
	IW07-20210726*	SoundEarth	07/26/21	32.00	< 0.20	< 0.20	1.5	< 0.20	0.32
	IW07-20211011*	SoundEarth	10/11/21	32.00	< 0.20	< 0.20	1.4	< 0.20	0.32
	IW07-20220425*	SoundEarth	04/25/22	32.00	< 0.20	< 0.20	1.4	< 0.20	0.44
	IW07-20221115*	SoundEarth	11/15/22	32.00	< 0.20	< 0.20	1.4	< 0.20	0.24
	IW07-20230417*	SoundEarth	04/17/23	32.00	< 0.20	< 0.20	1.4	< 0.20	0.31
	IW07-20231023*	SoundEarth	10/23/23	32.00	< 0.20	< 0.20	1.2	< 0.20	< 0.20
	IW07-20240412*	SoundEarth	04/12/24	32.00	< 0.20	< 0.20	1.3	< 0.20	< 0.20
	IW07-20241023*	SoundEarth	10/23/24	32.00	< 0.20	< 0.20	1.1	< 0.20	< 0.20
	IW07-20250421*	SoundEarth	04/21/25	32.00	< 0.20	< 0.20	0.99	< 0.20	< 0.20
	IW07-20251006*	SoundEarth	10/06/25	32.00	< 0.20	< 0.20	0.90	< 0.20	< 0.20
IW15	IW15-20200212*	SoundEarth	02/12/20	29.00	0.21	< 0.20	3.3	< 0.20	0.58
	IW15-20200526*	SoundEarth	05/26/20	32.00	0.34	0.44	18	< 0.20	11
	IW15-20200720*	SoundEarth	07/20/20	32.00	0.36	0.58	28	< 0.20	19
	IW15-20201019*	SoundEarth	10/19/20	32.00	0.33	0.45	27	< 0.20	20
	IW15-20210127*	SoundEarth	01/27/21	32.00	0.65	< 0.40	40	< 0.40	28
	IW15-20210419*	SoundEarth	04/19/21	32.00	0.57	1.5	69	< 0.40	37
	IW15-20210726*	SoundEarth	07/26/21	32.00	0.51	1.0	49	< 0.40	24
	IW15-20211011*	SoundEarth	10/11/21	32.00	0.37	0.64	35	< 0.20	14
	IW15-20220425*	SoundEarth	04/25/22	32.00	< 0.80	1.6	57	< 0.80	19
	IW15-20221115*	SoundEarth	11/15/22	32.00	0.55	1.3	46	0.21	8.6
	IW15-20230417*	SoundEarth	04/17/23	32.00	0.72	1.6	53	< 0.40	9.0
	IW15-20231023*	SoundEarth	10/23/23	32.00	0.62	1.6	51	< 0.40	5.8
	IW15-20240412*	SoundEarth	04/12/24	32.00	1.1	1.3	45	< 0.80	4.5
	IW15-20241029L	SoundEarth	10/29/24	32.00	1.1	1.9	47	< 0.40	5.6
	IW15-20250421*	SoundEarth	04/21/25	20.00	0.59	1.6	43	< 0.40	5.7
	IW15-20251006*	SoundEarth	10/06/25	20.00	1.6	1.8	32	< 0.40	5.5
MTCA Cleanup Levels for Groundwater					5 ⁽²⁾	5 ⁽²⁾	16 ⁽³⁾	160 ⁽³⁾	0.2 ⁽²⁾
Commercial Remediation Levels for Groundwater					120 ⁽⁴⁾	12 ⁽⁴⁾	NE	650 ⁽⁴⁾	1.6 ⁽⁴⁾
Roadway Excavation Remediation Levels for Groundwater					760 ⁽⁴⁾	40 ⁽⁴⁾	NE	4,200 ⁽⁴⁾	9.9 ⁽⁴⁾



Table 4
Groundwater Analytical Results for CVOCs
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well ID	Sample ID	Sampled By	Sample Date	Sample Point Depth (feet bgs)	Analytical Results ⁽¹⁾ (micrograms per liter)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
IW22	IW22-20200212*	SoundEarth	02/12/20	32.00	< 0.20	< 0.20	1.5	< 0.20	30
	IW22-20200526*	SoundEarth	05/26/20	32.00	< 0.50	< 0.50	4.8	< 0.50	91
	IW22-20200720*	SoundEarth	07/20/20	32.00	< 1.0	< 1.0	8.5	< 1.0	160
	IW22-20201019*	SoundEarth	10/19/20	32.00	< 1.0	< 1.0	8.2	< 1.0	150
	IW22-20210127*	SoundEarth	01/27/21	32.00	< 1.0	< 1.0	12	< 1.0	180
	IW22-20210419*	SoundEarth	04/19/21	32.00	< 2.0	< 2.0	17	< 2.0	210
	IW22-20210726*	SoundEarth	07/26/21	32.00	< 2.0	< 2.0	16	< 2.0	250
	IW22-20211011*	SoundEarth	10/11/21	32.00	< 2.0	< 2.0	20	< 2.0	240
	IW22-20220425*	SoundEarth	04/25/22	32.00	< 4.0	< 4.0	30	< 4.0	280
	IW22-20221115*	SoundEarth	11/15/22	32.00	< 1.0	< 1.0	33	< 1.0	190
	IW22-20230417*	SoundEarth	04/17/23	32.00	< 1.0	< 1.0	37	< 1.0	170
	IW22-20231023*	SoundEarth	10/23/23	32.00	< 1.0	< 1.0	36	< 1.0	72
	IW22-20240412*	SoundEarth	04/12/24	32.00	< 0.20	< 0.20	4.0	< 0.20	12
	IW22-20240618*	SoundEarth	06/18/24	32.00	< 0.20	< 0.20	5.3	< 0.20	12
	IW22-20241023*	SoundEarth	10/23/24	32.00	< 0.20	< 0.20	6.2	< 0.20	4.9
IW29	IW22-20250421*	SoundEarth	04/21/25	32.00	< 0.20	< 0.20	4.6	< 0.20	3.1
	IW22-20251006*	SoundEarth	10/06/25	32.00	< 0.20	< 0.20	4.7	< 0.20	2.8
IW29	IW29-20240412*	SoundEarth	04/12/24	32.00	0.21	< 0.20	15	< 0.20	0.71
	IW29-20240618*	SoundEarth	06/18/24	20.00	< 0.80	< 0.80	64	< 0.80	5.6
IW32	IW32-20200212*	SoundEarth	02/12/20	33.00	< 40	950	7,100	73	250
	IW32-20200526*	SoundEarth	05/26/20	32.00	< 50	370	5,700	< 50	250
	IW32-20200720*	SoundEarth	07/20/20	32.00	< 50	260	5,400	< 50	250
	IW32-20201019*	SoundEarth	10/19/20	32.00	23	200	4,600	35	240
	IW32-20210127*	SoundEarth	01/27/21	32.00	45	320	5,800	45	320
	IW32-20210419*	SoundEarth	04/19/21	32.00	< 40	170	6,100	53	430
	IW32-20210726*	SoundEarth	07/26/21	32.00	< 50	160	10,000	89	1,300
	IW32-20211011*	SoundEarth	10/11/21	32.00	< 40	130	7,000	55	1,200
	IW32-20220425*	SoundEarth	04/25/22	32.00	< 50	120	5,400	< 50	960
	IW32-20221114*	SoundEarth	11/14/22	32.00	< 30	130	6,100	32	1,000
	IW32-20230417*	SoundEarth	04/17/23	32.00	< 40	130	7,100	< 40	1,400
	IW32-20231023*	SoundEarth	10/23/23	32.00	46	150	9,600	< 40	2,000
	IW32-20240415*	SoundEarth	04/15/24	32.00	< 2.0	< 2.0	110	< 2.0	73
	IW32-20240618*	SoundEarth	06/18/24	32.00	12	< 10	2,100	< 10	2,100
	IW32-20241024*	SoundEarth	10/24/24	32.00	< 20	< 20	2,900	< 20	1,300
IW34	IW32-20250421*	SoundEarth	04/21/25	32.00	< 20	< 20	2,700	< 20	1,300
	IW32-20251006	SoundEarth	10/06/25	32.00	570	180	7,300	24	3,500
	IW34-20190312	SoundEarth	03/12/19	32.00	10,000 ^{ve}	150	23	< 1	4.9
	IW34-20190409*	SoundEarth	04/09/19	33.00	230	21	11	< 1.0	1.0
	IW34-20200212*	SoundEarth	02/12/20	33.00	360	3,100	4,100	50	100
	IW34-20200526*	SoundEarth	05/26/20	32.00	310	2,400	7,700	83	160
	IW34-20200720*	SoundEarth	07/20/20	32.00	290	2,300	11,000	110	220
	IW34-20201019*	SoundEarth	10/19/20	32.00	230	1,400	13,000	140	280
	IW34-20210127*	SoundEarth	01/27/21	32.00	< 200	990	17,000	< 200	360
	IW34-20210419*	SoundEarth	04/19/21	32.00	170	650	20,000	240	480
	IW34-20210726*	SoundEarth	07/26/21	32.00	< 200	230	24,000	320	460
	IW34-20211011*	SoundEarth	10/11/21	32.00	< 200	< 200	26,000	330	560
	IW34-20220425*	SoundEarth	04/25/22	32.00	< 10	< 10	34,000	500	810
	IW34-20221114*	SoundEarth	11/14/22	32.00	< 300	< 300	36,000	600	860
	IW34-20230417*	SoundEarth	04/17/23	32.00	< 200	< 200	37,000	620	860
IW34	IW34-20231023*	SoundEarth	10/23/23	32.00	< 200	< 200	5,600	510	16,000
	IW34-20231117	SoundEarth	11/17/23	32.00	< 200	< 200	4,400	450	15,000
	IW34-20240415*	SoundEarth	04/15/24	32.00	< 30	< 30	2,600	84	3,800
	IW34-20240618*	SoundEarth	06/18/24	32.00	< 100	< 100	9,300	190	4,700
	IW34-20241024L	SoundEarth	10/24/24	32.00	< 100	< 100	16,000	340	4,400
	IW34-20250421*	SoundEarth	04/21/25	20.00	< 40	< 40	7,400	150	3,200
	IW34-20251006	SoundEarth	10/06/25	20.00	< 40	65	15,000	360	7,400
MTCA Cleanup Levels for Groundwater					5 ⁽²⁾	5 ⁽²⁾	16 ⁽³⁾	160 ⁽³⁾	0.2 ⁽²⁾
Commercial Remediation Levels for Groundwater					120 ⁽⁴⁾	12 ⁽⁴⁾	NE	650 ⁽⁴⁾	1.6 ⁽⁴⁾
Roadway Excavation Remediation Levels for Groundwater					760 ⁽⁴⁾	40 ⁽⁴⁾	NE	4,200 ⁽⁴⁾	9.9 ⁽⁴⁾



Table 4
Groundwater Analytical Results for CVOCs
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well ID	Sample ID	Sampled By	Sample Date	Sample Point Depth (feet bgs)	Analytical Results ⁽¹⁾ (micrograms per liter)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
IW36	IW36-20190409*	SoundEarth	04/09/19	33.00	0.37	< 0.20	< 0.20	< 0.20	< 0.20
	IW36-20240415*	SoundEarth	04/15/24	32.00	< 2.0	< 2.0	73	< 2.0	130
	IW36-20240618*	SoundEarth	06/18/24	32.00	< 10	< 10	1,300	< 10	1,100
IW38	IW38-20240415*	SoundEarth	04/15/24	32.00	< 0.40	< 0.40	57	< 0.40	2.4
	IW38-20240618*	SoundEarth	06/18/24	32.00	< 1.0	< 1.0	94	< 1.0	6.3
IW60	--	--	02/12/20	--	--	--	--	--	--
	IW60-20200526*	SoundEarth	05/26/20	20.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	IW60-20200720*	SoundEarth	07/20/20	20.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	IW60-20201019*	SoundEarth	10/19/20	20.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	IW60-20210127*	SoundEarth	01/27/21	20.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	IW60-20210419*	SoundEarth	04/19/21	20.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	IW60-20210726*	SoundEarth	07/26/21	20.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	IW60-20211011*	SoundEarth	10/11/21	20.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	IW60-20220425*	SoundEarth	04/25/22	20.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	IW60-20221115*	SoundEarth	11/15/22	20.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	IW60-20230417*	SoundEarth	04/17/23	20.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	IW60-20231023*	SoundEarth	10/23/23	20.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	IW60-20240412*	SoundEarth	04/12/24	20.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	IW60-20241023*	SoundEarth	10/23/24	20.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
IW69	IW69-20251120	SoundEarth	11/20/25	43.00	4,500	150	190	< 10	11
IW70	IW70-20251120	SoundEarth	11/20/25	28.00	32,000	1,500	1,600	< 10	210
IW71	IW71-20251120	SoundEarth	11/20/25	43.00	1,000	39	7.3	< 4.0	0.86
IW72	IW72-20251120	SoundEarth	11/20/25	28.00	280	30	31	< 1.0	1.7
DZ-B01	DZ-B01-20-30	SoundEarth	07/20/21	25.00	3,600	520	5,900	< 30	1,800
	DZ-B01-40-50	SoundEarth	07/20/21	45.00	10,000	160	310	< 50	67
DZ-B02	DZ-B02-20-30	SoundEarth	07/22/21	25.00	10,000	980	1,900	< 100	180
	DZ-B02-40-50	SoundEarth	07/22/21	45.00	1,300	180	420	< 10	32
DZ-B03	DZ-B03-20-30	SoundEarth	07/22/21	25.00	22,000	1,500	6,600	< 200	590
	DZ-B03-35-45	SoundEarth	07/22/21	40.00	12,000	420	920	< 100	62
DZ-B04	DZ-B04-20-30	SoundEarth	07/23/21	25.00	130	3.9	270	< 2.0	280
	DZ-B04-40-50	SoundEarth	07/23/21	45.00	80	0.75	1.0	< 0.40	0.50
DZ-B05	DZ-B05-20-30	SoundEarth	02/24/22	25.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	DZ-B05-40-50	SoundEarth	02/25/22	45.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	DZ-B05-60-70	SoundEarth	02/25/22	65.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
DZ-B06	DZ-B06-20-30	SoundEarth	02/28/22	25.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	DZ-B06-40-50	SoundEarth	02/28/22	45.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	DZ-B06-60-70	SoundEarth	03/01/22	65.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
DZ-B07	DZ-B07-20-30	SoundEarth	03/03/22	25.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	DZ-B07-40-50	SoundEarth	03/03/22	45.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	DZ-B07-60-70	SoundEarth	03/03/22	65.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
DZ-B08	DZ-B08-20-30	SoundEarth	03/01/22	25.00	33	0.51	< 0.20	< 0.20	< 0.20
	DZ-B08-40-50	SoundEarth	03/02/22	45.00	2.6	< 0.20	< 0.20	< 0.20	< 0.20
	DZ-B08-60-70	SoundEarth	03/02/22	65.00	0.40	< 0.20	< 0.20	< 0.20	< 0.20
DZ-B09	DZ-B09-20-30	SoundEarth	02/22/22	25.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	DZ-B09-40-50	SoundEarth	02/22/22	45.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	DZ-B09-60-70	SoundEarth	02/23/22	65.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
MTCA Cleanup Levels for Groundwater					5 ⁽²⁾	5 ⁽²⁾	16 ⁽³⁾	160 ⁽³⁾	0.2 ⁽²⁾
Commercial Remediation Levels for Groundwater					120 ⁽⁵⁾	12 ⁽⁵⁾	1,600 ⁽⁵⁾	650 ⁽⁵⁾	1.6 ⁽⁵⁾
Roadway Excavation Remediation Levels for Groundwater					760 ⁽⁴⁾	40 ⁽⁴⁾	10,000 ⁽⁴⁾	4,200 ⁽⁴⁾	9.9 ⁽⁴⁾

NOTES:

Red denotes concentration exceeds MTCA cleanup level for groundwater.

* denotes sample was collected using a passive diffusion bag sampler.

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

Green highlighting denotes samples collected as part of the 30 and 90 day post-pilot test groundwater monitoring.

⁽¹⁾Analyzed by EPA Method 8260B, 8260C, or 8260D.

⁽²⁾MTCA Cleanup Regulation, Chapter 173-340-900 of WAC, Table 720-1 Method A Cleanup Levels for Groundwater, revised November 2007, updated January 2023.

⁽³⁾MTCA Cleanup Regulation, Chapter 173-340 of WAC, CLARC, Groundwater, Method B, Non-Carcinogen, Standard Formula Value, CLARC Website <<https://fortress.wa.gov/ecy/clarc/CLARCHome.aspx>>.

⁽⁴⁾Washington State Department of Ecology Toxics Cleanup Program Memorandum, Air, Soil Gas, and Groundwater Remediation Levels for Vapor Intrusion in Commercial and Excavation Scenarios, Table 1 Commercial Remediation Levels for Groundwater and Table 3 Roadway Excavation Remediation Levels for Groundwater, July, 18 2022.

⁽⁵⁾MTCA Cleanup Regulation, Chapter 173-340 of WAC, CLARC, Groundwater, Method B, Non-Carcinogen, Standard Formula Value, CLARC Website <<https://fortress.wa.gov/ecy/clarc/CLARCHome.aspx>>.

-- = not analyzed

< = not detected at a concentration above the laboratory reporting limit

bgs = below ground surface

CLARC = cleanup levels and risk calculations

CVOC = chlorinated volatile organic compound

DCE = dichloroethene

DZ = deep zone temporary monitoring well

EPA = US Environmental Protection Agency

Farallon = Farallon Consulting, L.L.C.

GeoEngineers = GeoEngineers, Inc.

MTCA = Washington State Model Toxics Control Act

PCE = tetrachloroethene

SoundEarth = SoundEarth Strategies, Inc.

TCE = trichloroethene

WAC = Washington Administrative Code



Table 5
Natural Attenuation Parameters
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well ID	Sample ID	Sample Date	Analytical Results (milligrams per liter)									
			Nitrate ⁽¹⁾	Total Manganese ⁽²⁾	Total Iron ⁽²⁾	Ferrous Iron ⁽³⁾	Ferric Iron ⁽⁴⁾	Sulfate ⁽⁵⁾	Methane ⁽⁶⁾	Ethane ⁽⁶⁾	Ethene ⁽⁶⁾	Chloride ⁽⁷⁾
Shallow Water-Bearing Zone Wells												
MW01	MW1-060206	06/02/06	16	--	1.3	0.00	1.30	16	<0.01	<0.01	<0.01	--
	MW1-20140910	09/10/14	4.1	--	<0.06	0.041	0.00	26	<0.0005	<0.0005	<0.0005	--
	MW01-20181024	10/24/18	--	--	--	--	--	--	--	--	--	--
	MW01-20200129	01/29/20	1.6	0.85	27	0.506	26	25	0.003	<0.00022	<0.00029	11
	MW01-20200421	04/21/20	--	--	--	--	--	--	--	--	--	--
	MW01-20200721	07/21/20	--	--	--	--	--	--	--	--	--	--
	MW01-20201020	10/20/20	--	--	--	--	--	--	--	--	--	--
	MW01-20210128	01/28/21	--	--	--	--	--	--	--	--	--	--
	MW01-20210420	04/20/21	2.1	<0.010	0.18	0.142	0.04	21	<0.00055	<0.00022	0.00029	7.9
	MW01-20210727	07/27/21	--	--	--	--	--	--	--	--	--	--
MW02	MW01-20211012	10/12/21	--	--	--	--	--	--	--	--	--	--
	MW01-20220427	04/27/22	--	--	--	--	--	--	--	--	--	--
	MW02-20210420	04/20/21	--	--	--	--	--	--	--	--	--	--
	MW02-20210727	07/27/21	--	--	--	--	--	--	--	--	--	--
MW03	MW02-20211012	10/12/21	--	--	--	--	--	--	--	--	--	--
	MW02-20220427	04/27/22	--	--	--	--	--	--	--	--	--	--
	MW03-20210420	04/20/21	--	--	--	--	--	--	--	--	--	--
	MW03-20210727	07/27/21	--	--	--	--	--	--	--	--	--	--
	MW03-20211012	10/12/21	--	--	--	--	--	--	--	--	--	--
MW05	MW03-20220427	04/27/22	--	--	--	--	--	--	--	--	--	--
	MW03-20251007	10/07/25	<0.050	1.1	3.1	5.18	-2.08	50	0.68	<0.00056	<0.00058	25
	MW05-20200128	01/28/20	<0.05	5.0	54	69.9	-16	<5.0	6.6	<0.022	<0.029	8.5
	MW05-20200421	04/21/20	--	--	--	--	--	--	--	--	--	--
	MW05-20200721	07/21/20	--	--	--	--	--	--	--	--	--	--
	MW05-20201020	10/20/20	--	--	--	--	--	--	--	--	--	--
	MW05-20210128	01/28/21	--	--	--	--	--	--	--	--	--	--
	MW05-20210421	04/21/21	<0.05	3.4	68	57.9	10.1	<5.0	3.4	<0.00022	<0.00029	19
	MW05-20210727	07/27/21	--	--	--	--	--	--	--	--	--	--
	MW05-20211013	10/13/21	--	--	--	--	--	--	--	--	--	--
	MW05-20220427	04/27/22	<0.05	2.8	41	42.8	-1.8	<5.0	9.0	<0.00022	<0.00029	15
	MW05-20230420	04/20/23	<0.05	2.8	32	42.5	-10.5	<5.0	9.6	<0.00022	<0.00029	22
	MW05-20231026	10/26/23	<0.025	2.8	36	44.7	-8.7	0.93	5.6	<0.00056	<0.00058	23.6
	MW05-20240416	04/16/24	0.11	2.7	30	33.5	-3.5	<5.0	4.5	<0.00056	<0.00058	26
MW06	MW05-20241028	10/28/24	0.21	2.9	34	37.4	-3.4	<5.0	6.6	<0.00056	<0.00058	32
	MW05-20250423	04/23/25	0.14	3.0	29	23.6	5.4	<5.0	1.9	<0.00056	<0.00058	33
	MW05-20251008	10/08/25	<0.050	2.9	29	37.9	-8.9	<5.0	2.7	<0.00056	<0.00058	27
	MW06-20210420	04/20/21	--	--	--	--	--	--	--	--	--	--
	MW06-20210727	07/27/21	--	--	--	--	--	--	--	--	--	--
	MW06-20211012	10/12/21	--	--	--	--	--	--	--	--	--	--
	MW06-20220426	04/26/22	<0.05	1.1	1.6	0.401	1.199	17	0.99	<0.00022	0.024	68
	MW06-20230418	04/18/23	<0.05	1.0	2.20	1.48	0.720	19	4.8	0.00068	0.065	76
	MW06-20231024	10/24/23	<0.025	0.8	0.58	0.644	-0.064	14.6	5.4	0.0017	0.042	84.7
	MW06-20240415	04/15/24	0.062	1.0	1.70	2.53	-0.830	<5.0	6.0	<0.00056	0.094	69
MW15	MW06-20241025	10/25/24	<0.050	1.4	4.10	5.84	-1.740	<5.0	3.7	<0.00056	0.0092	51
	MW06-20250422	04/22/25	<0.050	1.1	3.0	4.44	-1.440	<5.0	1.4	<0.00056	0.0021	56
	MW06-20251007	10/07/25	<0.050	1.4	3.3	6.01	-2.71	<5.0	4.4	<0.00056	<0.00058	93
	MW15-20181022	10/22/18	2.5	0.04	0.21	<0.040	210	65	0.0021	<0.00050	<0.00050	29
	MW15-20200128	01/28/20	3.8	0.36	2.1	0.158	1.9	32	0.17	<0.00044	<0.00058	87
	MW15-20200421	04/21/20	--	--	--	--	--	--	--	--	--	--
	MW15-20200721	07/21/20	--	--	--	--	--	--	--	--	--	--
	MW15-20201019	10/19/20	--	--	--	--	--	--	--	--	--	--
	MW15-20210127	01/27/21	--	--	--	--	--	--	--	--	--	--
	MW15-20210420	04/20/21	1.1	0.45	26	0.545	25	16	2.6	<0.00022	<0.00029	81
	MW15-20210726	07/26/21	--	--	--	--	--	--	--	--	--	--
	MW15-20211012	10/12/21	--	--	--	--	--	--	--	--	--	--
	MW15-20220426	04/26/22	17	0.21	1.7	0.598	1.1	19	9.5	<0.00022	<0.00029	91
	MW15-20230419	04/19/23	27	0.17	0.49	0.224	0.3	17	8.3	<0.00022	<0.00029	110
	MW19	MW15-20231024	10/24/23	0.937	0.52	5.1	2.43	2.7	9.58	5.1	<0.00056	<0.00058
MW15-20240415		04/15/24	<0.050	1.5	160	143	17	<5.0	5.8	<0.00056	<0.00058	120
MW15-20241028		10/28/24	21	2.2	47	20.3	26.7	12	6.8	<0.00056	<0.00058	53
MW15-20250424		04/24/25	0.13	2.3	49	62.0	-13.0	<5.0	2.5	<0.00056	<0.00058	200
MW15-20251009		10/09/25	0.19	1.9	55	<0.150	55	<5.0	5.8	<0.00056	<0.00058	130
MW21	MW19-20231025	10/25/23	0.095	0.15	<0.056	<0.150	--	38.2	<0.00055	<0.00056	<0.00058	153
	MW19-20240415	04/15/24	0.18	0.36	0.24	<0.150	0.24	31	<0.00055	<0.00056	<0.00058	52
	MW19-20241024	10/24/24	1.5	0.6	0.4	0.201	0.199	35	0.1	<0.00056	<0.00058	99
	MW19-20250422	04/22/25	0.14	0.033	<0.050	<0.150	--	28	0.00060	<0.00056	<0.00058	37
	MW19-20251007	10/07/25	0.73	0.079	<0.050	<0.150	--	37	0.0045	<0.00056	<0.00058	45
MW24	MW21-20181022	10/22/18	<0.05	1.6	0.46	0.093	0.37	67	0.043	<0.0030	<0.0030	11
	MW21-20200129	01/29/20	--	--	--	--	--	--	--	--	--	--
	MW21-20200421	04/21/20	--	--	--	--	--	--	--	--	--	--
	MW21-20200721	07/21/20	--	--	--	--	--	--	--	--	--	--
	MW21-20201020	10/20/20	--	--	--	--	--	--	--	--	--	--
	MW21-20210128	01/28/21	--	--	--	--	--	--	--	--	--	--
	MW21-20210420	04/20/21	--	--	--	--	--	--	--	--	--	--
	MW21-20210727	07/27/21	--	--	--	--	--	--	--	--	--	--
	MW21-20211012	10/12/21	--	--	--	--	--	--	--	--	--	--
	MW21-20220426	04/26/22	<0.05	1.3	11	14.5	-3.5	<5.0	8.5	<0.00022	<0.00029	12
	MW21-20230420	04/20/23	<0.05	0.96	2.9	11.0	-8.1	35	8.1	<0.00022	<0.00029	97
	MW21-20231025	10/25/23	<0.125	0.95	8.5	11.0	-2.5	1.54	7.4	<0.00056	<0.00058	23.8
	MW21-20240416	04/16/24	0.14	2.1	90	109.0	-19.0	<5.0	8.3	<0.00056	<0.00058	160
	MW21-20241024	10/24/24	0.25	1.1	42	49.1	-7.1	<5.0	5.7	<0.00056	<0.00058	80
	MW21-20250424	04/24/25	0.082	1.7	39	47.4	-8.4	<5.0	1.9	<0.00056	<0.00058	48
MW25	MW21-20251008	10/08/25	<0.050	2.5	51	72.3	-21.3	<5.0	2.0	<0.00056	<0.00058	37
	MW24-20210420	04/20/21	--	--	--	--	--	--	--	--	--	--
	MW24-20210726	07/26/21	--	--	--	--	--	--	--	--	--	--
	MW24-20211012	10/12/21	--	--	--	--	--	--	--	--	--	--
MW26	MW24-20220427	04/27/22	--	--	--	--	--	--	--	--	--	--
	MW24-20251007	10/07/25	<0.050	1.1	21	20.4	0.6	<5.0	1.9	<0.00056	<0.00058	150
	MW25-20210420	04/20/21	--	--	--	--	--	--	--	--	--	--
	MW25-20210727	07/27/21	--	--	--	--	--	--	--	--	--	--
MW26	MW25-20211012	10/12/21	--	--	--	--	--	--	--	--	--	--
	MW25-20220426	04/26/22	--	--	--	--	--	--	--	--	--	--
	MW26-20210420	04/20/21	--	--	--	--	--	--	--	--	--	--
	MW26-20210726	07/26/21	--	--	--	--	--	--	--	--	--	--
MW26	MW26-20211012	10/12/21	--	--	--	--	--	--	--	--	--	--
	MW26-20220427	04/27/22	--	--	--	--	--	--	--	--	--	--



Table 5
Natural Attenuation Parameters
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well ID	Sample ID	Sample Date	Analytical Results (milligrams per liter)									
			Nitrate ⁽¹⁾	Total Manganese ⁽²⁾	Total Iron ⁽²⁾	Ferrous Iron ⁽³⁾	Ferric Iron ⁽⁴⁾	Sulfate ⁽⁵⁾	Methane ⁽⁶⁾	Ethane ⁽⁶⁾	Ethene ⁽⁶⁾	Chloride ⁽⁷⁾
MW27	MW27-20210420	04/20/21	--	--	--	--	--	--	--	--	--	--
	MW27-20210727	07/27/21	--	--	--	--	--	--	--	--	--	--
	MW27-20211012	10/12/21	--	--	--	--	--	--	--	--	--	--
	MW27-20220426	04/26/22	--	--	--	--	--	--	--	--	--	--
	MW27-20251007	10/07/25	<0.050	0.26	14	--	--	15	0.0034	<0.00056	<0.00058	200
MW28	MW28-20200128	01/28/20	<0.05	0.50	0.32	0.456	-0.136	15	1.4	0.0045	0.037	110
	MW28-20200421	04/21/20	--	--	--	--	--	--	--	--	--	--
	MW28-20200721	07/21/20	--	--	--	--	--	--	--	--	--	--
	MW28-20201020	10/20/20	--	--	--	--	--	--	--	--	--	--
	MW28-20210128	01/28/21	--	--	--	--	--	--	--	--	--	--
	MW28-20210421	04/21/21	<0.05	0.59	0.9	1.2	-0.28	13	0.47	<0.00022	0.023	140
	MW28-20210727	07/27/21	--	--	--	--	--	--	--	--	--	--
	MW28-20211013	10/13/21	--	--	--	--	--	--	--	--	--	--
	MW28-20220427	04/27/22	<0.05	0.68	1.1	1.5	-0.360	11	1.4	0.0027	0.043	170
	MW28-20230420	04/20/23	<0.05	0.38	0.56	0.482	0.078	16	1.1	0.0028	0.034	170
	MW28-20231026	10/26/23	<0.125	0.24	0.43	0.263	0.167	22.0	0.43	0.0012	0.011	88.9
	MW28-20240416	04/16/24	<0.050	0.71	1.4	1.38	0.02	11	1.60	0.0036	0.039	110
	MW28-20241028	10/28/24	<0.050	0.75	1.7	0.279	1.421	6.5	3.10	0.02	0.12	110
	MW28-20250424	04/24/25	<0.050	0.78	1.5	1.32	0.18	6.1	0.95	0.012	0.018	120
	MW28-20251008	10/08/25	<0.050	0.8	1.4	2.67	-1.27	9.3	2.5	0.021	0.031	120
MW30	MW30-20210420	04/19/21	--	--	--	--	--	--	--	--	--	--
	MW30-20210726	07/26/21	--	--	--	--	--	--	--	--	--	--
	MW30-20211011	10/11/21	--	--	--	--	--	--	--	--	--	--
	MW30-20220426	04/26/22	--	--	--	--	--	--	--	--	--	--
	MW30-20251008	10/08/25	<0.050	0.42	0.2	0.189	0.01	91	0.0056	<0.00056	<0.00058	24
MW32	MW32-20230418	04/18/23	<0.05	0.15	0.21	0.18	0.03	19	2.0	<0.00022	0.081	13
	MW32-20231025	10/25/23	0.030	0.22	0.24	0.306	-0.07	26.4	3.9	<0.00056	0.014	13.5
	MW32-20240416	04/16/24	<0.050	0.18	0.26	<0.150	0.26	29	1.1	<0.00056	0.0042	15
	MW32-20241025	10/25/24	<0.050	0.11	0.22	<0.150	0.22	25	0.4	<0.00056	0.00084	10
	MW32-20250423	04/23/25	<0.050	0.37	0.67	0.431	0.24	30	1.9	<0.00056	<0.00058	16
	MW32-20251009	10/09/25	<0.050	0.24	0.5	89.4	-88.90	27	11	<0.00056	<0.00058	12
MW34	MW34-20230418	04/18/23	<0.05	0.21	0.14	0.172	-0.032	16	3.3	<0.00022	<0.00029	12
	MW34-20231026	10/26/23	<0.025	0.14	0.24	0.375	-0.135	45.9	1.6	<0.00056	<0.00058	11.7
	MW34-20240416	04/16/24	<0.050	0.11	0.58	0.182	0.398	57	1.1	<0.00056	0.00066	11
	MW34-20241024	10/24/24	<0.050	0.14	2.1	0.239	1.861	48	0.94	<0.00056	0.0016	8.6
	MW34-20250422	04/22/25	<0.050	0.073	0.31	<0.150	0.16	57	0.033	<0.00056	<0.00058	13
	MW34-20251007	10/07/25	<0.050	0.078	0.24	<0.150	0.24	48	0.16	<0.00056	0.00098	11
MW36	MW36-20251007	10/07/25	<0.050	0.34	0.71	<0.150	0.71	26	0.057	<0.00056	<0.00058	34
Deep Water-Bearing Zone Wells												
MW07	MW7-060206	06/02/06	<0.15	--	4.3	0.00	4.30	65	0.33	<0.01	<0.01	--
	MW07-20140910	09/10/14	2.7	--	<0.06	0.173	0.00	32	<0.0005	<0.0005	<0.0005	--
	Monitoring Well Decommissioned											
MW08	MW08-20140909	09/09/14	<0.05	--	<0.06	0.059	0.00	43	<0.0005	<0.0005	<0.0005	--
	MW08-20181025	10/25/18	<0.05	0.60	0.190	0.087	0.103	41	<0.0010	<0.00050	<0.00050	6.4
	MW08-20200128	01/28/20	<0.05	1.400	0.350	<0.0500	0.300	40	<0.00055	<0.00022	<0.00029	7.7
	MW08-20200421	04/21/20	--	--	--	--	--	--	--	--	--	--
	MW08-20200721	07/21/20	--	--	--	--	--	--	--	--	--	--
	MW08-20201020	10/20/20	--	--	--	--	--	--	--	--	--	--
	MW08-20210127	01/27/21	--	--	--	--	--	--	--	--	--	--
	MW08-20210420	04/20/21	<0.05	0.35	0.081	<0.100	0.00	40	<0.00055	<0.00022	<0.00029	8.8
	MW08-20210726	07/26/21	--	--	--	--	--	--	--	--	--	--
	MW08-20211012	10/12/21	--	--	--	--	--	--	--	--	--	--
	MW08-20220426	04/26/22	--	--	--	--	--	--	--	--	--	--
MW09	MW09-20140910	09/10/14	4.7	--	<0.06	<0.04	0.00	27	<0.0005	<0.0005	<0.0005	--
	MW09-20181024	10/24/18	5.1	0.047	0.130	0.092	0.038	25	<0.0010	<0.00050	<0.00050	--
	MW09-20200129	01/20/20	--	--	--	--	--	--	--	--	--	--
	MW09-20200421	04/21/20	--	--	--	--	--	--	--	--	--	--
	MW09-20200721	07/21/20	--	--	--	--	--	--	--	--	--	--
	MW09-20201020	10/20/20	--	--	--	--	--	--	--	--	--	--
	MW09-20210128	01/28/21	--	--	--	--	--	--	--	--	--	--
	MW09-20210420	04/20/21	--	--	--	--	--	--	--	--	--	--
	MW09-20210727	07/27/21	--	--	--	--	--	--	--	--	--	--
	MW09-20211013	10/13/21	--	--	--	--	--	--	--	--	--	--
	MW09-20220427	04/27/22	2.1	0.072	<0.050	<0.100	--	28	0.79	<0.00022	<0.00029	7.5
	MW09-20230420	04/20/23	1.6	0.11	0.058	<0.150	0.06	30	1.0	<0.00022	<0.00029	7.0
	MW09-20231025	10/25/23	0.842	0.2	0.065	<0.150	0.07	31.7	3.5	<0.00056	<0.00058	8.44
	MW09-20240416	04/16/24	0.88	0.25	0.084	<0.150	0.08	30	0.98	<0.00056	<0.00058	6.8
	MW09-20241028	10/28/24	0.64	0.23	0.4	<0.150	0.4	30	2.00	<0.00056	<0.00058	5.8
	MW09-20250423	04/23/25	0.21	0.25	<0.050	<0.150	--	28	0.59	<0.00056	<0.00058	7.5
	MW09-20251009	10/09/25	<0.050	0.29	0.37	0.658	-0.3	30	3.8	<0.00056	<0.00058	7.7
MW10	MW10-20140910	09/10/14	<0.05	--	<0.06	0.048	0.012	37	<0.0005	<0.0005	<0.0005	--
	MW10-20181024	10/24/18	<0.05	0.18	0.220	<0.040	0.18	45	0.0028	<0.00050	<0.00050	6.1
	MW10-20200129	01/29/20	<0.05	0.35	1.7	1.71	-0.01	<5.0	10	<0.022	<0.029	8.8
	MW10-20200421	04/21/20	<0.05	--	--	--	--	--	--	--	--	--
	MW10-20200721	07/21/20	<0.05	--	--	--	--	--	--	--	--	--
	MW10-20201020	10/20/20	<0.05	--	--	--	--	--	--	--	--	--
	MW10-20210128	01/28/21	<0.05	--	--	--	--	--	--	--	--	--
	MW10-20210420	04/20/21	<0.05	0.24	0.680	0.893	-0.21	28	1.6	<0.00022	<0.00029	8.4
	MW10-20210727	07/27/21	<0.05	--	--	--	--	--	--	--	--	--
	MW10-20211012	10/12/21	<0.05	--	--	--	--	--	--	--	--	--
	MW10-20220426	04/26/22	<0.05	0.26	1.2	9.42	-8.22	33	4.9	<0.00022	<0.00029	7.4
	MW10-20230420	04/20/23	<0.05	0.29	1.2	1.36	-0.16	32	5.8	<0.00022	<0.00029	9.0
	MW10-20231025	10/25/23	<0.025	0.26	2.1	2.33	-0.23	31.0	5.5	<0.00056	<0.00058	8.49
	MW10-20240417	04/17/24	<0.050	0.29	1.0	1.05	-0.05	<5.0	4.1	<0.00056	<0.00058	9.0
	MW10-20241028	10/28/24	1.7	0.39	3.2	0.367	2.833	23.0	9.4	<0.00056	<0.00058	6.1
	MW10-20250424	04/24/25	<0.050	0.45	5.1	4.67	0.43	24	4.6	<0.00056	<0.00058	8.5
	MW10-20251008	10/08/25	<0.050	0.42	3.9	4.83	-0.93	25	6.8	<0.00056	<0.00058	8.3
MW11	MW11-060206	06/02/06	2.8	--	2.8	0.00	2.80	35	<0.01	<0.01	<0.01	--
	MW11-20141007	10/07/14	<0.05	--	<0.06	0.889	--	50	0.042	<0.003	<0.003	--
	MW11-20230419	04/19/23	0.19	0.27	1.8	0.259	1.54	38	<0.00055	<0.00022	<0.00029	6.0
	MW11-20231024	10/24/23	<0.025	0.34	0.32	<0.150	0.17	44.5	0.0059	<0.00056	<0.00058	12.5
	MW11-20240415	04/15/24	0.19	0.30	0.83	<0.150	0.83	36	<0.00055	<0.00056	<0.00058	7.2
	MW11-20241024	10/24/24	0.72	0.19	2.0	<0.150	1.85	72	<0.00055	<0.00056	<0.00058	6.1



Table 5
Natural Attenuation Parameters
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well ID	Sample ID	Sample Date	Analytical Results (milligrams per liter)									
			Nitrate ⁽¹⁾	Total Manganese ⁽²⁾	Total Iron ⁽²⁾	Ferrous Iron ⁽³⁾	Ferric Iron ⁽⁴⁾	Sulfate ⁽⁵⁾	Methane ⁽⁶⁾	Ethane ⁽⁶⁾	Ethene ⁽⁶⁾	Chloride ⁽⁷⁾
	MW11-20250422	04/22/25	<0.050	0.81	0.25	0.538	-0.288	38	0.0025	<0.00056	<0.00058	12.0
	MW11-20251007	10/07/25	<0.050	0.44	0.37	<0.150	0.37	39	0.01	<0.00056	<0.00058	12
	MW12-060206	06/02/06	<0.15	--	4.2	0.00	4.2	39	<0.01	<0.01	<0.01	--
MW12	MW12-20181024	10/24/18	--	--	--	--	--	--	--	--	--	--
	MW13-060206	06/02/06	<0.15	--	2.2	0.00	2.2	35	<0.01	<0.01	<0.01	--
	MW13-20181024	10/24/18	--	--	--	--	--	--	--	--	--	--
MW13	MW13-20230419	04/19/23	0.20	<0.010	<0.050	<0.150	--	34	<0.00055	<0.00022	<0.00029	7.5
	MW13-20231024	10/24/23	<0.025	0.31	0.36	0.221	0.139	32.8	0.0014	<0.00056	<0.00058	8.32
	MW13-20240415	04/15/24	0.069	0.042	0.074	<0.150	0.074	35	<0.00055	<0.00056	<0.00058	7.6
	MW13-20241024	10/24/24	<0.050	0.44	1.2	1.38	-0.18	30	0.025	<0.00056	<0.00058	6.9
	MW13-20250422	04/22/25	<0.050	0.34	0.42	0.422	0.00	31	<0.00055	<0.00056	<0.00058	7.6
	MW13-20251007	10/07/25	<0.050	0.33	0.37	<0.150	0.37	32	0.0015	<0.00056	<0.00058	7.5
	MW14-060206	06/02/06	<0.15	--	1.9	0.0	1.9	34	<0.01	<0.01	<0.01	--
MW14	Monitoring Well Decommissioned											
MW22	MW22-20140910	09/10/14	4.9	--	<0.06	<0.04	0.00	24	<0.0005	<0.0005	<0.0005	--
	MW22-20181024	10/24/18	--	--	--	--	--	--	--	--	--	--
	MW22-20200128	01/28/20	3.8	<0.011	0.094	0.101	-0.01	22	<0.00055	<0.00022	<0.00029	6.1
	MW22-20200421	04/21/20	--	--	--	--	--	--	--	--	--	--
	MW22-20200721	07/21/20	--	--	--	--	--	--	--	--	--	--
	MW22-20201019	10/19/20	--	--	--	--	--	--	--	--	--	--
	MW22-20210127	01/27/21	--	--	--	--	--	--	--	--	--	--
	MW22-20210420	04/20/21	2.4	<0.01	<0.05	<0.1	0.00	13	<0.00055	<0.00022	<0.00029	17
	MW22-20210726	07/26/21	--	--	--	--	--	--	--	--	--	--
	MW22-20211012	10/12/21	--	--	--	--	--	--	--	--	--	--
MW29	MW22-20220426	04/26/22	--	--	--	--	--	--	--	--	--	--
	MW29-20200128	01/28/20	<0.05	0.87	2.3	0.178	2.12	37	0.0054	<0.00022	<0.00029	9.9
	MW29-20200421	04/21/20	--	--	--	--	--	--	--	--	--	--
	MW29-20200721	07/21/20	--	--	--	--	--	--	--	--	--	--
	MW29-20201019	10/19/20	--	--	--	--	--	--	--	--	--	--
	MW29-20210128	01/28/21	--	--	--	--	--	--	--	--	--	--
	MW29-20210420	04/20/21	<0.05	0.42	0.41	<0.100	0.310	33	0.00086	0.00024	0.00034	8.5
	MW29-20210726	07/26/21	--	--	--	--	--	--	--	--	--	--
MW31	MW29-20211012	10/12/21	--	--	--	--	--	--	--	--	--	--
	MW29-20220427	04/27/22	--	--	--	--	--	--	--	--	--	--
	MW31-20210420	04/19/21	--	--	--	--	--	--	--	--	--	--
	MW31-20210726	07/26/21	--	--	--	--	--	--	--	--	--	--
	MW31-20210819	08/19/21	--	--	--	--	--	--	--	--	--	--
	MW31-20211011	10/11/21	--	--	--	--	--	--	--	--	--	--
	MW31-20220426	04/26/22	<0.05	0.150	0.099	0.129	-0.03	6.9	0.12	<0.00022	0.0067	32
	MW31-20230418	04/18/23	<0.05	0.055	0.14	<0.15	0.14	<5.0	0.32	<0.00022	0.0810	22
	MW31-20231026	10/26/23	<0.25	0.13	0.75	1.2	-0.45	4.60	0.34	<0.00056	0.12	20.4
	MW31-20240417	04/17/24	0.072	0.14	0.18	0.166	0.01	6.9	0.37	<0.00056	0.13	24
MW35	MW31-20241028	10/28/24	<0.050	0.15	0.16	<0.150	0.16	<5.0	0.73	<0.00056	0.33	20
	MW31-20250424	04/24/25	<0.050	0.15	<0.050	<0.150	--	7.2	0.30	<0.00056	0.17	22
	MW31-20251008	10/08/25	<0.050	0.19	0.36	0.469	-0.11	11	0.74	<0.00056	0.24	19
	MW35-20230418	04/18/23	<0.05	0.049	0.32	0.305	0.02	19	0.0051	0.0046	0.0057	11
	MW35-20231026	10/26/23	0.134	0.042	0.36	<0.150	0.36	22.0	0.016	0.0032	0.0054	12.3
	MW35-20240416	04/16/24	<0.050	0.028	0.056	<0.150	0.06	30	0.0077	<0.00056	<0.00058	10
	MW35-20241028	10/28/24	<0.050	0.038	0.06	<0.150	0.06	31	0.0510	<0.00056	0.00064	7.7
IW69	MW35-20250422	04/22/25	<0.050	0.041	<0.050	<0.150	<0.050	41	0.0032	<0.00056	<0.00058	11
	MW35-20251008	10/08/25	<0.050	0.047	0.058	<0.150	0.06	34	0.02	<0.00056	0.00067	10
	IW69-20251120	11/20/25	<0.050	0.075	0.47	0.387	0.08	34	0.04	0.0085	0.0074	10
IW70	IW70-20251120	11/20/25	<0.050	0.097	0.097	<0.150	0.10	27	0.67	0.011	0.058	24
IW71	IW71-20251120	11/20/25	<0.050	0.031	0.085	<0.150	0.09	39	0.035	0.0097	0.0053	9.4
IW72	IW72-20251120	11/20/25	<0.050	0.063	0.27	<0.150	0.27	42	0.023	0.003	0.0023	8.4

NOTES:
⁽¹⁾Analyzed by EPA Method 353.2.
⁽²⁾Analyzed by EPA Method 6010C or 6010D.
⁽³⁾Analyzed by EPA SM 3500-Fe B or Field Kit Instrument.
⁽⁴⁾Ferric Iron = Total Iron minus Ferrous Iron. If concentrations of Ferrous Iron are non-detect, Ferric Iron is assumed to be equal to Total Iron.
⁽⁵⁾Analyzed by ASTM D516-07 or D516-11.
⁽⁶⁾Analyzed by EPA Method RSK 175.
⁽⁷⁾Analyzed by EPA SM 4500-Cl E.

-- = not analyzed/not measured
< = not detected at a concentration above the laboratory reporting limit
EPA = US Environmental Protection Agency
SM = Standard Method



Table 6
Geochemical and Water Quality Parameters
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well ID	Sample ID	Sample Date	Dissolved Oxygen	ORP ⁽¹⁾ (mV)	Specific Conductivity ⁽¹⁾ (mS/cm)	Turbidity ⁽¹⁾ (NTU)	Temperature ⁽¹⁾ (°C)	pH ⁽¹⁾	Alkalinity ⁽²⁾ (mg/L CaCO ₃)	Total Organic Carbon ⁽³⁾ (mg/L)
Shallow Water-Bearing Zone Wells										
MW01	MW1-060206	06/02/06	4.16	198.6	--	--	14.37	6.71	--	--
	MW01-20140910	09/10/14	1.24	120	0.371	367.0	19.74	6.61	150	1.5
	MW01-20181024	10/24/18	2.60	106	0.437	--	15.04	6.59	--	--
	MW01-20200129	01/29/20	5.01	-295.7	0.263	166	7.05	6.43	--	1.1
	MW01-20200421	04/21/20	3.14	-24.8	0.263	20.6	12.20	6.52	--	--
	MW01-20200721	07/21/20	3.20	226.8	0.246	57	17.85	5.66	--	--
	MW01-20201020	10/20/20	5.11	76.3	0.242	13.12	15.74	6.54	--	--
	MW01-20210128	01/28/21	3.20	29	0.203	18.52	12.30	5.29	--	--
	MW01-20210420	04/20/21	6.18	17.7	0.200	16.40	14.54	6.65	--	<1.0
	MW01-20210727	07/27/21	2.74	134.7	0.229	11.17	16.70	7.4	--	--
	MW01-20211012	10/12/21	3.77	-50.3	0.291	14.50	16.50	6.97	--	--
	MW01-20220427	04/27/22	5.21	47.1	0.227	8.40	13.67	6.65	--	--
	MW01-20221117	11/17/22	4.89	103.3	0.392	5.2	15.00	6.68	--	--
MW02	MW01-20230419	04/19/23	6.32	-31.6	0.280	<2000	12.24	6.65	--	--
	MW01-20231025	10/25/23	3.30	-23.1	0.304	30.3	14.80	6.58	--	--
	MW02-20181025	10/25/18	2.60	106.9	0.517	21.0	15.73	6.99	--	--
	MW02-20200421	04/21/20	2.72	4.6	0.617	6.30	12.33	6.97	--	--
	MW02-20200721	07/21/20	3.51	-31.5	0.977	5.46	16.65	6.14	--	--
	MW02-20201020	10/20/20	1.92	67.1	0.699	4.30	16.56	6.75	--	--
	MW02-20210128	01/28/21	3.33	15.8	0.699	2.41	11.73	5.58	--	--
	MW02-20210420	04/20/21	2.99	10.4	0.637	2.73	13.25	7.22	--	--
	MW02-20210727	07/27/21	0.78	66.8	0.622	3.06	17.10	8.02	--	--
	MW02-20211012	10/12/21	3.64	-32.3	0.962	5.30	16.10	7.16	--	--
MW03	MW02-20220427	04/27/22	3.81	193.2	0.670	2.85	12.00	7.67	--	--
	MW02-20221117	11/17/22	2.64	99.7	0.745	0.7	15.0	7.00	--	--
	MW02-20230419	04/19/23	4.72	-48.6	0.586	2.32	11.06	7.01	--	--
	MW02-20231025	10/25/23	4.31	-34.6	0.473	2.83	14.81	6.84	--	--
	MW03-20181025	10/25/18	1.80	143.7	0.552	54.6	16.71	7.28	--	--
	MW03-20200129	01/29/20	22.1	-33.0	1.143	6.57	12.52	6.83	--	--
	MW03-20200421	04/21/20	0.60	-190.1	1.115	7.45	12.43	6.77	--	--
	MW03-20200720	07/20/20	0.92	116.5	1.137	6.63	15.93	5.78	--	--
	MW03-20201020	10/20/20	0.93	11.1	1.136	4.77	16.50	6.78	--	--
	MW03-20210128	01/28/21	1.48	9.7	1.230	1.90	12.95	5.89	--	--
	MW03-20210420	04/20/21	1.07	138.2	1.153	3.54	12.87	7.10	--	--
	MW03-20210727	07/27/21	0.09	-200.9	1.028	3.39	17.10	7.71	--	--
	MW03-20211012	10/12/21	0.33	-76.5	1.890	--	15.99	6.91	--	--
	MW03-20220427	04/27/22	0.18	-123.9	1.180	2.26	12.40	7.36	--	--
MW05	MW03-20221117	11/17/22	0.15	-130.3	1.492	0.7	15.4	6.77	--	--
	MW03-20230419	04/19/23	0.31	-116.2	1.200	1.50	11.12	6.67	--	--
	MW03-20231025	10/25/23	0.86	-110.9	0.948	5.05	14.88	6.66	--	--
	MW03-20231113	11/13/23	0.42	-164.4	0.874	6.02	12.99	6.6	--	--
	MW03-20240416	04/16/24	0.25	-217.8	0.715	12.1	12.20	6.64	--	--
	MW03-20241028	10/28/24	0.61	-5.7	0.823	3.96	16.1	6.32	--	--
	MW03-20250423	04/23/25	0.27	-44.7	0.88	4.68	13.1	6.69	--	--
	MW03-20251007	10/07/25	0.13	-90.7	0.473	6.21	18.0	6.65	--	5.8
	MW05-20190207	02/07/19	5.69	172.2	0.253	7.7	8.97	6.82	--	--
	MW05-20200128	01/28/20	0.95	-351.6	0.583	501	7.84	5.49	--	260
	MW05-20200421	04/21/20	0.98	-13.0	0.580	74	12.17	5.25	--	--
	MW05-20200720	07/20/20	1.42	158.2	0.424	47	17.70	4.32	--	--
	MW05-20201020	10/20/20	0.30	57.1	0.320	589	16.06	5.93	--	--
	MW05-20210128	01/28/21	1.31	32.8	0.304	37	12.31	3.48	--	--
	MW05-20210421	04/21/21	1.19	161.1	0.474	51	11.91	6.25	--	29
MW06	MW05-20210727	07/27/21	0.18	-122.5	0.492	25.5	16.80	6.70	--	--
	MW05-20211013	10/13/21	0.16	-146.7	0.420	3233	15.90	6.19	--	--
	MW05-20220427	04/27/22	0.52	-59.7	0.459	54.3	12.20	6.54	--	29
	MW05-20221117	11/17/22	0.24	97.8	0.367	77.3	14.6	4.74	--	--
	MW05-20230420	04/20/23	0.65	-82.1	0.559	92.5	11.1	6.05	--	29
	MW05-20231026	10/26/23	0.50	-81.0	0.461	18.4	13.4	6.41	--	34
	MW05-20240416	04/16/24	0.37	-57.0	0.591	21.2	10.5	6.21	--	37
	MW05-20241028	10/28/24	0.55	-69.8	0.646	32.1	14.2	5.85	--	26
	MW05-20250423	04/23/25	0.42	-109.4	0.64	20.9	12.4	6.26	--	28
	MW05-20251008	10/08/25	0.22	-88.1	0.562	20.2	15.8	6.33	--	27
	MW06-20190207	02/07/19	1.43	118.8	0.458	8.88	13.23	7.93	--	--
	MW06-20200128	01/28/20	14.7	-15.6	1.126	12.34	13.56	6.36	--	--
	MW06-20200421	04/21/20	1.12	6.1	0.748	6.67	14.10	6.59	--	--
	MW06-20200721	07/21/20	0.11	-215.2	0.799	4.47	17.86	6.26	--	--
MW15	MW06-20201020	10/20/20	0.32	-44.1	0.620	4.68	16.18	7.28	--	--
	MW06-20210128	01/28/21	0.46	-111	0.717	4.16	12.32	7.25	--	--
	MW06-20210420	04/20/21	0.83	136.4	0.766	3.80	13.79	7.56	--	--
	MW06-20210727	07/27/21	9.53	-134	0.582	4.10	18.09	8.40	--	--
	MW06-20211012	10/12/21	0.59	-71.8	0.506	0.77	15.09	7.57	--	--
	MW06-20220426	04/26/22	0.22	-87.6	0.730	7.74	12.80	7.15	--	3.8
	MW06-20221115	11/15/22	0.20	-10.7	1.075	1.1	14.3	8.44	--	--
	MW06-20230418	04/18/23	0.44	-131.2	0.754	26.9	11.64	7.16	--	4.6
	MW06-20231024	10/24/23	0.36	-167.5	0.894	14.4	14.97	7.75	--	5
	MW06-20240415	04/15/24	7.44	-99.5	1.062	608	11.5	6.68	--	81
	MW06-20241025	10/25/24	9.53	-133.3	0.960	5.10	13.5	7.36	--	8.3
	MW06-20250422	04/22/25	4.36	-151.8	0.92	3.60	12.9	6.90	--	5.5
	MW06-20251007	10/07/25	0.17	-134.4	0.850	5.02	15.4	6.85	--	4.0
	MW15-20181022	10/22/18	1.71	107.7	0.599	5.39	16.59	6.79	--	2.2
	MW15-20200128	01/28/20	0.60	-338.5	0.749	28.7	8.09	6.13	--	22
MW15	MW15-20200421	04/21/20	0.68	-249.1	0.628	8.54	12.65	5.83	--	--
	MW15-20200721	07/21/20	2.28	216.4	0.763	14.71	16.96	4.06	--	--
	MW15-20201019	10/19/20	19.19	123.6	0.575	9.11	17.39	5.74	--	--
	MW15-20210127	01/27/21	0.56	60.8	0.696	5.72	12.66	6.75	--	--
	MW15-20210420	04/20/21	1.36	66.2	0.672	3.09	13.11	5.98	--	11
	MW15-20210726	07/26/21	0.22	-166.6	0.903	15.90	17.80	7.07	--	--
	MW15-20211012	10/12/21	0.13	-196.6	0.735	12.10	17.00	6.56	--	--
	MW15-20220426	04/26/22	0.41	-10.7	0.818	9.10	11.92	6.53	--	3.8
	MW15-20221116	11/16/22	0.23	-95.3	0.997	14.8	15.8	6.12	--	--
	MW15-20230419	04/19/23	0.99	86.3	0.867	15.7	13.8	6.27	--	3.7
	MW15-20231024	10/24/23	17.36*	-12	0.970	41.9	16.2	6.53	--	6.2
	MW15-20240415	04/15/24	0.39	-66.1	0.889	<2000	12.5	5.10	--	1300
	MW15-20241028	10/28/24	0.21	5.8	0.777	134.0	16.7	5.32	--	200
	MW15-20250424	04/24/25	0.52	-70.4	1.21	25.6	13.5	6.08	--	65
	MW15-20251009	10/09/25	2.78	-90.9	0.976	176	16.8	6.39	--	73



Table 6
Geochemical and Water Quality Parameters
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well ID	Sample ID	Sample Date	Dissolved Oxygen	ORP ⁽¹⁾ (mV)	Specific Conductivity ⁽¹⁾ (mS/cm)	Turbidity ⁽¹⁾ (NTU)	Temperature ⁽¹⁾ (°C)	pH ⁽¹⁾	Alkalinity ⁽²⁾ (mg/L CaCO ₃)	Total Organic Carbon ⁽³⁾ (mg/L)
MW16	MW16-20181022	10/22/18	2.53	86	0.485	3.14	16.31	6.7	--	--
MW19	MW19-20181024	10/24/18	3.60	126.2	0.770	7.32	16.00	6.99	--	--
	MW19-20231025	10/25/23	5.87	166	1.070	3.10	14.52	6.73	--	2.3
	MW19-20240415	04/15/24	3.08	-20	0.486	11.50	12.30	7.01	--	3.6
	MW19-20241024	10/24/24	4.51	75.7	0.760	2.04	15.70	7.14	--	1.7
	MW19-20250422	04/22/25	2.67	172.9	0.501	1.84	11.6	6.97	--	1.6
	MW19-20251007	10/07/25	0.69	114.7	0.455	4.32	15.7	7.03	--	1.3
MW21	MW21-20181022	10/22/18	1.10	79.2	0.528	8.55	16.28	7.81	--	5.4
	MW21-20200129	01/29/20	40.9	21.5	0.886	3205	14.65	5.63	--	--
	MW21-20200421	04/21/20	1.08	45.0	0.962	21.34	14.48	5.96	--	--
	MW21-20200722	07/22/20	2.68	138.2	1.167	29.39	16.01	5.37	--	--
	MW21-20201020	10/20/20	0.33	2.9	1.185	23.60	16.30	6.00	--	--
	MW21-20210128	01/28/21	0.39	-72.2	1.095	33.20	13.77	6.78	--	--
	MW21-20210420	04/20/21	1.33	124.8	0.994	12.20	15.47	6.86	--	--
	MW21-20210727	07/27/21	4.23	-113.0	1.440	141.00	17.20	7.36	--	--
	MW21-20211012	10/12/21	0.69	-55.9	1.435	6.12	15.68	6.71	--	--
	MW21-20220426	04/26/22	0.19	-93.8	1.130	16.50	13.80	6.82	--	23
	MW21-20221117	11/17/22	0.16	-99.8	1.425	4.9	14.7	6.67	--	--
	MW21-20230420	04/20/23	0.29	-109.2	1.300	9.53	11.99	6.76	--	4.4
	MW21-20231025	10/25/23	0.48	-158.0	1.062	9.05	14.22	6.97	--	7.6
	MW21-20240416	04/16/24	0.13	-96.3	1.440	67.50	13.20	5.45	--	760
	MW21-20241024	10/24/24	0.15	-114.5	1.016	118	15.5	6.03	--	230
	MW21-20250424	04/24/25	0.14	-102.8	1.050	59.5	14.5	6.52	--	110
	MW21-20251008	10/08/25	2.18	-129.2	1.319	53.1	17.2	6.66	--	63
MW24	MW24-20181024	10/24/18	5.45	154.1	0.441	2.88	15.58	7.00	--	--
	MW24-20200129	01/29/20	0.29	-429.0	1.989	52.5	7.40	6.92	--	--
	MW24-20200421	04/21/20	0.20	-148.4	1.660	75	11.89	6.75	--	--
	MW24-20200721	07/21/20	3.41	59.1	1.753	8.52	15.98	6.87	--	--
	MW24-20201019	10/19/20	0.31	-86.7	1.744	7.22	15.71	6.47	--	--
	MW24-20210128	01/28/21	1.73	34.7	1.056	11.00	11.09	6.05	--	--
	MW24-20210420	04/20/21	0.49	-125.6	1.126	16.00	13.05	6.71	--	--
	MW24-20210726	07/26/21	0.00	-173.0	1.570	120.00	18.99	7.29	--	--
	MW24-20211012	10/12/21	0.11	-260.4	2.227	14.20	15.30	6.88	--	--
	MW24-20220427	04/27/22	0.41	-125.1	1.232	10.50	10.90	7.08	--	--
	MW24-20221116	11/16/22	1.52	-122.4	1.965	7.8	13.3	6.55	--	--
	MW24-20230419	04/19/23	0.76	-155.1	1.445	24.9	11.3	6.82	--	--
	MW24-20231026	10/26/23	0.38	-193.3	1.268	62.3	14.4	7.31	--	--
	MW24-20240416	04/16/24	0.49	-58.3	1.777	53.6	11.5	6.52	--	--
	MW24-20241028	10/28/24	0.29	-94.4	1.301	90.9	15.2	6.68	--	--
	MW24-20250423	04/23/25	0.39	-35.7	1.12	16.5	12.1	7.04	--	--
	MW24-20251007	10/07/25	0.41	-91.4	0.95	51.0	16.8	6.86	--	33
MW25	MW25-20181025	10/25/18	7.15	101.8	0.051	369	15.78	7.09	--	--
	MW25-20200128	01/28/20	15.30	17.4	0.134	24	11.99	7.43		
	MW25-20200421	04/21/20	Grab Sample Collected (No Geochemical Data Recorded)							
	MW25-20200721	07/21/20	0.38	-199.5	0.276	27.7	16.47	6.43	--	--
	MW25-20201020	10/20/20	0.15	-68.4	0.340	13.22	16.18	6.71	--	--
	MW25-20210128	01/28/21	0.86	-96.2	0.452	12.00	11.99	7.57	--	--
	MW25-20210420	04/20/21	0.51	146.0	0.427	6.25	12.10	7.85	--	--
	MW25-20210727	07/27/21	2.86	-188.0	0.416	82.60	19.59	7.99	--	--
	MW25-20211012	10/12/21	2.38	-21.6	0.072	8.68	15.29	6.89	--	--
	MW25-20220426	04/26/22	0.25	75.0	0.088	23.20	12.20	6.73	--	--
MW26	MW26-20181022	10/22/18	3.22	108.4	0.262	3.89	15.61	7.26	--	--
	MW26-20200128	01/28/20	7.22	-202.0	1.244	2.51	7.45	6.74	--	--
	MW26-20200421	04/21/20	6.92	164.2	0.843	5.52	11.42	6.70	--	--
	MW26-20200721	07/21/20	1.31	194.6	0.540	8.29	16.19	6.60	--	--
	MW26-20201019	10/19/20	20.80	180.6	0.299	5.03	16.16	6.27	--	--
	MW26-20210128	01/28/21	3.98	125.3	0.297	8.00	11.14	8.62	--	--
	MW26-20210420	04/20/21	5.96	74.0	0.227	1.83	11.86	6.58	--	--
	MW26-20210726	07/26/21	4.00	104.0	0.323	0.10	19.23	7.35	--	--
	MW26-20211012	10/12/21	4.68	-30.4	0.792	3.80	15.70	6.94	--	--
	MW26-20220427	04/27/22	7.10	122.2	0.472	0.40	10.75	6.71	--	--
MW27	MW27-20221117	11/17/22	6.16	246.3	0.448	7.9	14.2	5.49	--	--
	MW27-20230419	04/19/23	6.81	121.0	0.755	0.53	11.0	6.91	--	--
	MW27-20231024	10/24/23	18.62*	106.0	0.788	2.26	14.2	7.09	--	--
	MW27-20190207	02/07/19	2.17	138.5	0.543	93.2	11.87	7.02	--	--
	MW27-20209128	01/28/20	--	102.2	0.918	9.76	12.01	6.23	--	--
	MW27-20200421	04/21/20	3.14	155.0	0.685	7.42	12.87	6.36	--	--
	MW27-20200721	07/21/20	0.28	101.6	0.784	7.02	17.66	5.71	--	--
	MW27-20201020	10/20/20	0.49	78.1	0.639	11.20	16.80	6.16	--	--
	MW27-20210128	01/28/21	2.06	57.2	0.894	11	11.17	7.74	--	--
	MW27-20210420	04/20/21	3.81	202.4	0.776	6.91	12.9	7.02	--	--
MW28	MW27-20210727	07/27/21	0.37	-99	0.841	5.2	21.68	7.38	--	--
	MW27-20211012	10/12/21	0.82	-10.8	0.802	0.18	15.54	6.62	--	--
	MW27-20220426	04/26/22	0.66	201.1	0.814	7.94	12.80	6.79	--	--
	MW27-20221115	11/15/22	0.32	182.8	1.656	2.5	15.7	9.04	--	--
	MW27-20230418	04/18/23	1.58	132.2	1.039	5.56	11.0	6.57	--	--
	MW27-20231025	10/25/23	0.80	-82.1	1.062	6.86	15.8	6.86	--	--
	MW27-20240415	04/15/24	3.47	124.0	1.168	5.70	11.0	6.64	--	--
	MW27-20241025	10/25/24	0.45	15.4	1.195	4.92	15.2	6.64	--	--
	MW27-20250422	04/22/25	5.92	149.8	1.44	1.49	12.4	6.63	--	--
	MW27-20251007	10/07/25	0.85	140.3	1.052	6.92	17.0	6.60	--	--
MW28	MW28-20200128	01/28/20	12.8	-17.20	0.834	4.38	13.29	7.17	--	4.4
	MW28-20200422	04/22/20	2.32	70.80	0.913	4.49	12.38	7.14	--	--
	MW28-20200721	07/21/20	0.09	-196.0	1.064	3.47	15.50	6.56	--	--
	MW28-20201020	10/20/20	0.84	-5.7	0.879	4.99	16.01	7.90	--	--
	MW28-20210128	01/28/21	0.32	-20.8	0.835	4.25	13.22	7.33	--	--
	MW28-20210420	04/21/21	3.81	154.1	0.883	2.54	12.11	7.40	--	6.0
	MW28-20210727	07/13/21	0.37	-167.6	0.854	2.97	16.60	8.21	--	--
	MW28-20211013	10/13/21	0.82	-147.9	0.756	1.93	15.30	7.47	--	--
	MW28-20220427	04/27/22	0.26	-89.3	0.991	0.40	11.88	7.28	--	4.8
	MW28-20221117	11/17/22	0.38	-12.7	1.077	0.8	14.8	6.96	--	--
	MW28-20230420	04/20/23	0.37	-86.6	1.047	3.09	10.30	6.90	--	3.3
	MW28-20231026	10/26/23	0.99	-24.8	0.747	2.96	13.95	7.56	--	6.0
	MW28-20240416	04/16/24	0.24	-118.3	0.844	11.60	11.40	6.77	--	6.0
	MW28-20241028	10/28/24	0.08	-104.6	0.983	17.3	15.4	7.07	--	4.8
	MW28-20250424	04/24/25	0.21	-89.1	0.97	2.90	13.1	7.20	--	5.3
	MW28-20251008	10/08/25	0.09	-124.3	0.867	0.79	16.2	7.31	--	5.5



Table 6
Geochemical and Water Quality Parameters
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well ID	Sample ID	Sample Date	Dissolved Oxygen	ORP ⁽¹⁾ (mV)	Specific Conductivity ⁽¹⁾ (mS/cm)	Turbidity ⁽¹⁾ (NTU)	Temperature ⁽¹⁾ (°C)	pH ⁽¹⁾	Alkalinity ⁽²⁾ (mg/L CaCO ₃)	Total Organic Carbon ⁽³⁾ (mg/L)
MW30	MW30-20210127	01/27/21	3.58	172.4	0.362	3.64	13.83	8.07	--	--
	MW30-20210420	04/19/21	0.98	182.8	0.977	3.58	14.31	6.62	--	--
	MW30-20210726	07/26/21	0.13	2.9	0.653	2.15	16.70	7.70	--	--
	MW30-20211011	10/11/21	0.36	75.5	0.638	3.50	16.60	6.81	--	--
	MW30-20220426	04/26/22	1.55	157.0	1.467	0.50	12.51	6.33	--	--
	MW30-20221116	11/16/22	0.18	55.7	1.412	0.9	15.8	6.60	--	--
	MW30-20230418	04/18/23	2.15	123.7	0.954	2.31	11.90	6.29	--	--
	MW30-20231024	10/24/23	0.75	-96.4	0.989	1.43	14.21	6.96	--	--
	MW30-20240415	04/15/24	0.26	24.8	1.147	4.57	13.0	6.53	--	--
MW32	MW30-20241024	10/24/24	0.59	36.3	1.096	1.99	15.9	6.76	--	--
	MW30-20250422	04/22/25	0.16	35.7	0.112	1.62	14.0	6.68	--	--
	MW30-20251008	10/08/25	2.58	84.8	0.866	2.28	16.7	6.78	--	<1.0
	MW32-20221116	11/16/22	0.35	-148.9	0.944	1.4	15.4	7.55	--	--
	MW32-20230418	04/18/23	0.15	-234.8	0.531	1.05	12.8	7.93	--	2.2
	MW32-20231025	10/25/23	4.18	-166.0	0.544	2.90	14.9	7.57	--	2.2
	MW32-20240416	04/16/24	0.25	-4.6	0.543	4.54	12.8	7.88	--	2.6
	MW32-20241025	10/25/24	0.14	-122.2	0.452	2.59	16.2	7.68	--	1.6
	MW32-20250423	04/23/25	0.10	-173.4	0.522	7.76	14.6	7.87	--	2.5
MW34	MW32-20251009	10/09/25	0.44	-180.0	0.3682	6.84	15.6	7.68	--	1.7
	MW34-20221116	11/16/22	0.19	-166.9	0.630	2.8	15.0	7.71	--	--
	MW34-20230418	04/18/23	0.19	-359.8	0.445	3.42	13.0	8.10	--	6.2
	MW34-20231026	10/26/23	0.27	-98.6	0.440	8.25	15.1	7.45	--	1.8
	MW34-20240416	04/16/24	2.94	-142.9	0.444	4.73	11.8	8.05	--	2.3
	MW34-20241024	10/24/24	0.60	-99.7	0.370	2.40	15.6	7.35	--	2.0
	MW34-20250422	04/22/25	1.62	-56.8	0.54	8.44	13.9	8.01	--	1.5
	MW34-20251007	10/07/25	0.18	-130.2	0.376	6.64	16.6	7.74	--	1.5
	MW36-20221115	11/15/22	0.19	-6.8	1.371	1.6	14.5	8.88	--	--
MW36	MW36-20230418	04/18/23	0.15	-172.8	0.747	1.40	11.3	7.74	--	--
	MW36-20231025	10/25/23	4.92*	-160	0.858	2.50	13.5	7.41	--	--
	MW36-20240415	04/15/24	0.57	-9.0	0.76	2.89	12.1	7.62	--	--
	MW36-20241024	10/24/24	0.61	-93.5	0.659	3.72	14.6	7.33	--	--
	MW36-20250423	04/23/25	0.14	-13.0	0.785	6.76	12.8	7.80	--	--
	MW36-20251007	10/07/25	0.20	-139.7	0.716	4.60	16.0	7.72	--	3.3
Deep Water-Bearing Zone Wells										
MW07	MW7-060206	06/02/06	0.11	20.6	--	--	15.30	7.62	--	--
	MW07-20140910	09/10/14	0.34	20.7	0.305	21.9	16.70	7.42	140	<1.0
	Monitoring Well Decommissioned									
MW08	MW08-20140909	09/09/14	0.22	21	0.302	40.5	15.98	8.00	130	<1.0
	MW08-20181025	10/25/18	1.78	114.9	0.369	5.16	16.17	7.69	--	1.10
	MW08-20200128	01/28/20	0.68	-310.7	0.325	10.4	8.78	7.89	--	<1.0
	MW08-20200421	04/21/20	0.57	12.9	0.32	5.16	13.18	8.39	--	--
	MW08-20200721	07/21/20	1.66	191.1	0.288	5.84	15.22	6.34	--	--
	MW08-20201019	10/19/20	0.18	87.0	0.281	12	14.85	7.74	--	--
	MW08-20210127	01/27/21	2.76	99.4	0.298	4	13.59	7.36	--	--
	MW08-20210420	04/20/21	1.87	55.6	0.278	1.73	13.74	7.62	--	<1.0
	MW08-20210726	07/26/21	0.12	-153.8	0.280	2.89	15.40	8.98	--	--
	MW08-20211012	10/12/21	0.86	-173.6	0.398	5.60	13.70	7.87	--	--
	MW08-20220426	04/26/22	0.37	-15.3	0.313	4.20	12.86	8.03	--	--
	MW08-20221116	11/16/22	0.21	-134.1	0.569	1.4	14.6	7.85	--	--
	MW08-20230419	04/19/23	0.32	58.3	0.320	9.26	13.0	7.99	--	--
MW09	MW08-20231023	10/23/23	2.22	0.3	0.324	9.46	15.2	8.41	--	--
	MW09-20140910	09/10/14	2.90	-87	0.241	0.98	17.90	7.46	96	<1.0
	MW09-20181024	10/24/18	4.52	161.1	0.276	11.90	16.72	7.23	--	<1.0
	MW09-20200129	01/29/20	12.2	-54.5	0.276	4.28	14.52	7.26	--	--
	MW09-20200421	04/21/20	0.28	-70.7	0.258	5.21	14.02	7.22	--	--
	MW09-20200721	07/21/20	2.03	203.5	0.263	7.95	19.31	6.44	--	--
	MW09-20201020	10/20/20	0.55	-37.4	0.535	5.31	16.24	9.24	--	--
	MW09-20210128	01/28/21	1.02	-15.4	0.274	1.91	14.06	5.59	--	--
	MW09-20210420	04/20/21	0.56	184.5	0.268	2.77	15.00	7.55	--	--
	MW09-20210727	07/27/21	0.08	3.2	0.260	2.73	18.20	7.72	--	--
	MW09-20211013	10/13/21	0.50	-89.1	0.232	2.61	15.40	7.21	--	--
	MW09-20220427	04/27/22	0.25	35.4	0.243	2.92	14.90	7.3	--	<1.0
	MW09-20221117	11/17/22	0.19	56.4	0.259	4.9	14.6	5.57	--	--
	MW09-20230420	04/20/23	0.28	-14.8	0.295	1.75	12.6	6.88	--	<1.0
	MW09-20231025	10/25/23	0.30	-81.9	0.298	3.49	14.6	6.75	--	<1.0
MW10	MW09-20240416	04/16/24	10.69	-5.8	0.281	4.12	13.9	6.64	--	<1.0
	MW09-20241028	10/28/24	0.15	12.3	0.296	13.90	15.0	6.75	--	<1.0
	MW09-20250423	04/23/25	0.19	-14.8	0.324	2.07	15.5	6.75	--	<1.0
	MW09-20251009	10/09/25	0.21	-10.4	0.312	8.11	16.0	6.85	--	<1.0
	MW10-20140910	09/10/14	0.29	-49	0.331	36.3	16.65	7.89	120	<1.0
	MW10-20181024	10/24/18	1.05	102.9	0.356	7.37	16.63	7.96	--	1.00
	MW10-20200129	01/29/20	27.5	-69.6	0.322	4.99	14.68	7.04	--	8.6
	MW10-20200422	04/22/20	1.42	12.5	0.317	4.33	14.04	7.05	--	--
	MW10-20200722	07/22/20	2.21	73.8	0.337	6.37	16.40	6.00	--	--
	MW10-20201020	10/20/20	0.19	-47.2	0.298	4.54	15.73	7.48	--	--
	MW10-20210128	01/28/21	0.32	-67.5	0.34	3.38	13.17	7.43	--	--
	MW10-20210420	04/20/21	0.38	154.6	0.320	2.61	15.76	8.15	--	<1.0
	MW10-20210727	07/27/21	0.00	-145	0.370	57.20	17.08	8.00	--	--
	MW10-20211012	10/12/21	0.38	-56.8	0.337	--	14.98	7.20	--	--
	MW10-20220426	04/26/22	0.21	-101.8	0.244	6.37	14.10	7.43	--	1.7
MW11	MW10-20221117	11/17/22	0.18	-116.5	0.472	2.4	14.0	7.16	--	--
	MW10-20230420	04/20/23	0.28	-76.7	0.314	2.42	12.37	7.09	--	1.6
	MW10-20231025	10/25/23	0.30	-173	0.339	11.00	14.51	7.26	--	<1.0
	MW10-20240417	04/17/24	0.44	-176.4	0.342	8.12	12.5	7.08	--	11
	MW10-20241028	10/28/24	0.08	-123.3	0.366	5.61	15.4	6.98	--	<1.0
	MW10-20250424	04/24/25	0.14	-82.4	0.351	47.40	15.0	6.94	--	1.3
	MW10-20251008	10/08/25	0.21	-123.1	0.355	1.31	16.9	6.84	--	1.1
MW12	MW11-060206	06/02/06	0.32	149.2	--	--	13.65	7.15	--	--
	MW11-20141007	10/07/14	0.22	-124.5	0.252	40.0	15.00	9.15	110	2.6
	MW11-20230419	04/19/23	3.17	-65.7	0.358	7.08	12.47	7.32	--	7.0
	MW11-20231024	10/24/23	16.05*	177	0.333	9.13	14.22	7.55	--	<1.0
	MW11-20240415	04/15/24	0.86	175.9	0.278	12.40	12.10	7.02	--	5.3
	MW11-20241024	10/24/24	1.84	117.1	0.485	51.20	14.4	6.97	--	20
	MW11-20250422	04/22/25	0.31	-101.3	0.304	3.12	13.6	7.28	--	1.4
MW13	MW11-20251007	10/07/25	0.22	-157.3	0.2639	3.81	15.2	7.71	--	<1.0
	MW12-060206	06/02/06	0.11	-91.2	--	--	15.34	7.14	--	--
	MW12-20181024	10/24/18	1.36	109.3	0.281	4.2	15.81	7.61	--	--
	MW13-060206	06/02/06	0.11	53.1	--	--	14.91	7.4	--	--
	MW13-20181024	10/24/18	3.66	175.8	0.246	3.56	15.83	7.37	--	--
	MW13-20230419	04/19/23	5.95	90.7	0.264	0.35	12.80	6.87	--	<1.0
	MW13-20231024	10/24/23	17.96*	70	0.298	2.05	15.10	7.60	--	<1.0
MW13	MW13-20240415	04/15/24	2.11	157.5	0.243	2.11	13.80	6.56	--	<1.0
	MW13-20241024	10/24/24	0.18	-125.7	0.279	53.8	15.10	7.63	--	<1.0
	MW13-20250422	04/22/25	0.19	-124.3	0.279	2.32	14.2	7.46	--	<1.0
	MW13-20251007	10/07/25	0.24	-120.1	0.2398	3.90	15.9	7.65	--	<1.0



Table 6
Geochemical and Water Quality Parameters
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well ID	Sample ID	Sample Date	Dissolved Oxygen	ORP ⁽¹⁾ (mV)	Specific Conductivity ⁽¹⁾ (mS/cm)	Turbidity ⁽¹⁾ (NTU)	Temperature ⁽¹⁾ (°C)	pH ⁽¹⁾	Alkalinity ⁽²⁾ (mg/L CaCO ₃)	Total Organic Carbon ⁽³⁾ (mg/L)
MW14	MW14-060206	06/02/06	0.10	-103.5	--	--	15.12	7.5	--	--
	Monitoring Well Decommissioned									
MW22	MW22-20140910	09/10/14	5.95	179.3	0.28	3.52	16.84	6.78	100	<1.0
	MW22-20181024	10/24/18	5.24	177.6	0.249	11.00	14.99	6.74	--	--
	MW22-20200128	01/28/20	6.02	-77.8	0.263	6.63	8.38	6.92	--	<1.0
	MW22-20200421	04/21/20	8.54	181.0	0.176	5.21	12.16	6.38	--	--
	MW22-20200721	07/21/20	4.60	226.2	0.186	6.26	14.85	5.95	--	--
	MW22-20201019	10/19/20	4.80	138.0	0.224	3.43	14.42	6.92	--	--
	MW22-20210127	01/27/21	5.44	119.1	0.243	3.79	12.66	7.25	--	--
	MW22-20210420	04/20/21	7.64	77.9	0.194	1.75	12.75	6.55	--	<1.0
	MW22-20210726	07/26/21	5.13	116.0	0.250	0.00	19.66	7.32	--	--
	MW22-20211012	10/12/21	5.04	-84.1	0.309	2.30	14.50	7.24	--	--
	MW22-20220426	04/26/22	7.33	61.9	0.245	2.00	12.32	6.99	--	--
MW29	MW22-20221116	11/16/22	3.34	33.2	0.509	1.0	13.0	6.92	--	--
	MW22-20230419	04/19/23	5.52	73.4	0.275	0.58	11.8	7.10	--	--
	MW22-20231024	10/24/23	21.99*	54.0	0.299	0.55	14.1	7.37	--	--
	MW29-20200128	01/28/20	9.90	-7.6	0.277	47.58	14.19	7.38	--	<1.0
	MW29-20200422	04/22/20	1.30	68.2	0.249	7.26	12.89	7.52	--	--
	MW29-20200721	07/21/20	1.45	183.5	0.235	9.76	17.80	6.40	--	--
	MW29-20201019	10/19/20	14.32	149.0	0.232	5.76	14.79	6.68	--	--
	MW29-20210128	01/28/21	1.31	-16.6	0.247	1.88	13.42	7.05	--	--
	MW29-20210420	04/20/21	0.59	193.2	0.247	7.25	12.90	8.28	--	<1.0
	MW29-20210726	07/26/21	0.00	-167.0	0.283	2.10	16.45	8.37	--	--
	MW29-20211012	10/12/21	0.10	-221.7	0.337	3.40	15.00	7.75	--	--
MW31	MW29-20220427	04/27/22	0.29	-113.0	0.273	0.40	12.37	7.92	--	--
	MW29-20221116	11/16/22	0.22	-147.1	0.499	2.9	14.1	7.55	--	--
	MW29-20230419	04/19/23	0.38	-86.8	0.265	8.82	11.77	7.59	--	--
	MW29-20231025	10/25/23	3.94	-112.0	0.306	21.50	13.63	7.13	--	--
	MW29-20240416	04/16/24	0.24	-41.9	0.251	29.0	13.0	7.08	--	--
	MW29-20241024	10/24/24	0.14	-150.2	0.265	23.1	14.7	7.69	--	--
	MW29-20250423	04/23/25	0.11	-201.5	0.255	9.49	13.3	7.86	--	--
	MW29-20251008	10/08/25	0.19	-164.3	0.220	17.40	15.2	7.82	--	--
	MW31-20210127	01/27/21	4.56	21.8	0.341	8.21	14.00	7.61	--	--
	MW31-20210420	04/19/21	1.24	-70.2	0.311	5.83	15.71	7.56	--	--
	MW31-20210726	07/26/21	0.10	-182.8	0.310	2.25	16.60	8.19	--	--
MW33	MW31-20210819	08/19/21	0.45	-119.7	0.328	4.28	15.90	6.88	--	--
	MW31-20211011	10/11/21	0.45	-95.4	0.348	5.30	14.78	7.56	--	--
	MW31-20220426	04/26/22	0.26	-250.1	0.371	1.20	13.51	8.49	--	2.1
	MW31-20221116	11/16/22	0.11	-247.3	0.661	0.9	14.6	7.75	--	--
	MW31-20230418	04/18/23	0.19	-291.2	0.358	2.26	12.72	7.78	--	3.2
	MW31-20231026	10/26/23	0.21	-324.4	0.357	5.88	13.78	8.74	--	8.7
	MW31-20240417	04/17/24	0.44	-279.7	0.360	3.21	12.90	7.88	--	3.2
	MW31-20241028	10/28/24	0.45	-268.5	0.381	2.06	14.70	7.69	--	2.2
	MW31-20250424	04/24/25	0.07	-254.9	0.415	2.93	16.1	8.02	--	1.1
	MW31-20251008	10/08/25	0.09	-222.7	0.337	3.10	15.8	8.10	--	<1.0
	MW33-20221116	11/16/22	0.13	-301.3	0.576	2.4	14.7	8.21	--	--
MW35	MW33-20230418	04/18/23	0.18	-353.2	0.286	2.29	12.0	8.39	--	--
	MW33-20231024	10/24/23	0.50	-264.4	0.320	3.38	13.4	8.61	--	--
	MW33-20240416	04/16/24	6.08	-172.9	0.297	2.63	12.3	8.36	--	--
	MW33-20241024	10/24/24	0.14	-196.5	0.299	4.86	15.3	8.39	--	--
	MW33-20250422	04/22/25	0.12	-200.6	0.295	13.02	14.8	8.24	--	--
	MW33-20251008	10/08/25	0.88	-215.2	0.251	6.72	15.1	8.43	--	--
MW37	MW35-20221115	11/15/22	0.16	-293.4	0.837	6.8	14.4	9.87	--	--
	MW35-20230418	04/18/23	0.13	-284.5	0.312	4.55	13.2	8.60	--	3.8
	MW35-20231026	10/26/23	0.03	-113.6	0.306	1.52	14.6	7.60	--	<1.0
	MW35-20240416	04/16/24	0.18	-98.6	0.303	4.55	12.5	8.31	--	<1.0
	MW35-20241028	10/28/24	0.61	-148.9	0.307	1.34	14.2	7.98	--	<1.0
	MW35-20250422	04/22/25	0.12	-66.0	0.357	2.54	15.0	8.15	--	<1.0
IW33	MW35-20251008	10/08/25	0.17	-187.0	0.276	3.20	15.9	8.24	--	<1.0
	MW37-20221115	11/15/22	0.18	-77.3	0.509	1.1	14.3	9.23	--	--
	MW37-20230418	04/18/23	0.22	-194.2	0.273	1.27	12.5	8.40	--	--
	MW37-20231024	10/24/23	0.38	-194.0	0.299	0.99	13.7	8.62	--	--
	MW37-20240415	04/15/24	0.22	-49.4	0.276	3.23	12.6	8.27	--	--
	MW37-20241025	10/25/24	0.19	-193.0	0.277	1.25	15.2	8.36	--	--
IW34	MW37-20250423	04/23/25	0.15	-228.9	0.267	2.83	14.0	8.46	--	--
	MW37-20251007	10/07/25	0.28	-196.0	0.240	3.12	15.7	8.41	--	--
IW69	IW33-20190312	03/12/19	--	76.3	0.612	2.75	12.99	8.19	--	--
	IW34-20190312	03/12/19	--	34.9	0.298	5.76	14.62	8.57	--	--
IW70	IW34-20231117	11/17/23	0.39	-194.0	0.585	7.34	12.42	5.85	--	--
	IW69-20251120	11/20/25	0.48	-580.4	0.236	49.4	14.8	8.39	--	<1.0
IW71	IW70-20251120	11/20/25	5.67	-476.5	0.385	8.06	14.8	8.10	--	2.1
IW72	IW71-20251120	11/20/25	2.53	-309.2	0.259	11.8	14.2	8.28	--	1.3
	IW72-20251120	11/20/25	0.19	-387.8	0.283	9.33	14.0	8.24	--	<1.0

NOTES:

Data prior to 2006 obtained by Farallon Consulting LLC of Issaquah, Washington.

⁽¹⁾Analyzed by field instrument.

⁽²⁾Analyzed by EPA SM 2320B.

⁽³⁾Analyzed by EPA SM 5310B.

*Dissolved oxygen value likely inaccurate due to water quality meter DO probe malfunctioning.

-- = not analyzed

< = not detected at a concentration above the laboratory reporting limit

°C = degrees Celsius

CaCO₃ = calcium carbonate

EPA = US Environmental Protection Agency

mg/L = milligrams per liter

mS/cm = millisiemens per centimeter

mV = millivolts

NTU = nephelometric turbidity units

ORP = oxidation-reduction potential

SM = Standard Method



Table 7
Groundwater Analytical Results for Volatile Fatty Acids
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well Identification No.	Sample Identification	Sample Date	Analytical Results						
			Lactate ⁽¹⁾ (mg/L)	Acetate ⁽¹⁾ (mg/L)	Propionate ⁽¹⁾ (mg/L)	Formate ⁽¹⁾ (mg/L)	Butyrate ⁽¹⁾ (mg/L)	Pyruvate ⁽¹⁾ (mg/L)	
Shallow Water-Bearing Zone Wells									
MW01	MW01-20200129	01/29/20	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69	
	MW01-20200421	04/21/20	<0.39	2.3	<0.31	<0.22	<0.41	<0.69	
	MW01-20210420	04/20/21	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69	
MW03	MW03-20251007	10/07/25	<0.30	1.5 ^J	<0.15	0.56 ^J	<0.15	<0.15	
MW05	MW05-20200128	01/28/20	<0.39	297	83	2.5	66	12	
	MW05-20200421	04/21/20	<0.39	67	0.75	<0.22	4.9	<0.69	
	MW05-20210420	04/21/21	<0.39	20	1.7	<0.22	<0.41	<0.69	
	MW05-20220427	04/27/22	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69	
	MW05-20230420	04/20/23	<0.62	<1.4	<0.10	<1.3	<0.06	<0.15	
	MW05-20231026	10/26/23	<0.50	<0.30	<0.26	<0.25	<0.06	<0.75	
	MW05-20240416	04/16/24	<0.50	1.0 ^J	<0.26	1.2 ^J	<0.06	<0.75	
	MW05-20241028	10/28/24	1.2 ^J	0.69 ^J	<0.30	0.81 ^J	<0.15	<0.75	
	MW05-20250423	04/23/25	<0.50	0.57 ^J	<0.30	0.31 ^J	<0.15	<0.50	
MW05-20251008	10/08/25	<0.30	2.6	<0.15	0.73 ^J	<0.15	<0.15		
MW06	MW06-20210420	04/20/21	--	--	--	--	--	--	
	MW06-20220426	04/26/22	<0.39	1.0	<0.31	0.37	<0.41	<0.69	
	MW06-20230418	04/18/23	4.1	<1.4	<0.10	<1.3	<0.06	0.19	
	MW06-20231024	10/24/23	<0.50	0.81 ^J	<0.26	<0.25	<0.06	<0.75	
	MW06-20240415	04/15/24	31 ^J	266	<5.3	<5.0	15 ^J	<15	
	MW06-20241025	10/25/24	1.2 ^J	0.70 ^J	<0.30	0.68 ^J	<0.15	<0.75	
	MW06-20250422	04/22/25	<0.50	0.78 ^J	<0.30	0.33 ^J	<0.15	<0.50	
	MW06-20251007	10/07/25	<0.30	1.7 ^J	<0.15	0.54 ^J	<0.15	<0.15	
MW15	MW15-20181022	10/22/18	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69	
	MW15-20200128	01/28/20	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69	
	MW15-20200421	04/21/20	<0.39	2.1	0.49	<0.22	<0.41	<0.69	
	MW15-20210420	04/20/21	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69	
	MW15-20220426	04/26/22	<0.39	0.96	<0.31	0.35	<0.41	<0.69	
	MW15-20230419	04/19/23	<0.62	<1.4	<0.10	<1.3	<0.06	0.25	
	MW15-20231024	10/24/23	<0.50	0.97 ^J	<0.26	<0.25	<0.06	<0.75	
	MW15-20240415	04/15/24	<10	532	478	23 ^J	233	<15	
	MW15-20241028	10/28/24	1.4 ^J	191	26	<0.30	33	<0.75	
MW19	MW15-20250424	04/24/25	<0.50	53	1.7 ^J	0.66 ^J	0.22 ^J	<0.50	
	MW15-20251009	10/09/25	<0.30	0.72 ^J	<0.15	<0.30	<0.15	<0.15	
	MW19-20231025	10/25/23	<0.50	0.84 ^J	<0.26	<0.25	<0.06	<0.75	
	MW19-20240415	04/15/24	1.6 ^J	1.0 ^J	<0.26	1.0 ^J	<0.06	<0.75	
	MW19-20241024	10/24/24	1.3 ^J	0.67 ^J	<0.30	0.67 ^J	<0.15	<0.75	
	MW19-20250422	04/22/25	<0.50	0.65 ^J	<0.30	<0.30	<0.15	<0.50	
	MW19-20251007	10/07/25	<0.30	1.3 ^J	<0.15	0.40 ^J	<0.15	<0.15	
	MW21-20181022	10/22/18	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69	
	MW21-20210420	04/20/21	--	--	--	--	--	--	
MW21	MW21-20220426	04/26/22	<0.39	10.5	0.52	0.57	<0.41	<0.69	
	MW21-20230420	04/20/23	<0.62	<1.4	<0.10	<1.3	<0.06	<0.15	
	MW21-20231025	10/25/23	<0.50	0.79 ^J	<0.26	<0.25	<0.06	<0.75	
	MW21-20240416	04/16/24	<10	684	314	20 ^J	154	<15	
	MW21-20241024	10/24/24	<0.50	71	119	1.3 ^J	21	<0.75	
	MW21-20250424	04/24/25	<0.50	82	7.6	0.39 ^J	4.1	<0.50	
	MW21-20251008	10/08/25	<0.30	70	1.0 ^J	0.87 ^J	0.71 ^J	<0.15	
	MW24	MW30-20251008	10/08/25	<0.30	2.4	<0.15	0.57 ^J	<0.15	<0.15
MW28	MW28-20200128	02/28/20	3.2	<0.54	<0.31	<0.22	<0.41	<0.69	
	MW28-20200422	04/22/20	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69	
	MW28-20210420	04/21/21	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69	
	MW28-20220427	04/27/22	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69	
	MW28-20230420	04/20/23	<0.62	<1.4	<0.10	<1.3	<0.06	<0.15	
	MW28-20231026	10/26/23	<0.50	<0.30	<0.26	<0.25	<0.06	<0.75	
	MW28-20240416	04/16/24	<0.50	<0.30	<0.26	<0.25	<0.06	<0.75	
	MW28-20241028	10/28/24	1.2 ^J	0.72 ^J	<0.30	0.63 ^J	<0.15	<0.75	
MW30	MW28-20250424	04/24/25	<0.50	0.86 ^J	<0.30	0.46 ^J	<0.15	<0.50	
	MW28-20251008	10/08/25	<0.30	2.1	<0.15	0.45 ^J	<0.15	<0.15	
	MW30	MW24-20251007	10/07/25	<0.30	0.89 ^J	<0.15	<0.30	<0.15	<0.15
	MW32	MW32-20230418	04/18/23	<0.62	<1.4	<0.10	<1.3	<0.06	<0.15
		MW32-20231025	10/25/23	<0.50	0.75 ^J	<0.26	<0.25	<0.06	<0.75
		MW32-20240416	04/16/24	32	<5.9	<5.3	<5.0	<1.2	<15
		MW32-20241025	10/25/24	1.3 ^J	<0.50	<0.30	<0.30	<0.15	<0.75
		MW32-20250423	04/23/25	<0.50	0.73 ^J	<0.30	0.42 ^J	<0.15	<0.50
	MW32-20251009	10/09/25	<0.30	0.71 ^J	<0.15	<0.30	<0.15	<0.15	
MW34	MW34-20230418	04/18/23	<0.62	5.40	<0.10	<1.3	<0.06	<0.15	
	MW34-20231026	10/26/23	<0.50	<0.30	<0.26	<0.25	<0.06	<0.75	
	MW34-20240416	04/16/24	<0.50	1.0 ^J	<0.26	1.0 ^J	<0.06	<0.75	
	MW34-20241024	10/24/24	1.2 ^J	0.83 ^J	<0.30	0.65 ^J	<0.15	<0.75	
	MW34-20250422	04/22/25	<0.50	0.56 ^J	<0.30	0.42 ^J	<0.15	<0.50	
MW34-20251007	10/07/25	<0.30	1.6 ^J	<0.15	0.54 ^J	<0.15	<0.15		
MW36	MW36-20251007	10/07/25	<0.30	2.4	<0.15	0.51 ^J	<0.15	<0.15	



Table 7
Groundwater Analytical Results for Volatile Fatty Acids
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well Identification No.	Sample Identification	Sample Date	Analytical Results					
			Lactate ⁽¹⁾ (mg/L)	Acetate ⁽¹⁾ (mg/L)	Propionate ⁽¹⁾ (mg/L)	Formate ⁽¹⁾ (mg/L)	Butyrate ⁽¹⁾ (mg/L)	Pyruvate ⁽¹⁾ (mg/L)
Deep Water-Bearing Zone Wells								
MW08	MW08-20181025	10/25/18	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69
	MW08-20200128	01/28/20	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69
	MW08-20200421	04/21/20	<0.39	268	91	1.6	73	16
	MW08-20210420	04/20/21	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69
MW09	MW09-20181024	10/24/18	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69
	MW09-20210420	04/20/21	--	--	--	--	--	--
	MW09-20220427	04/27/22	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69
	MW09-20230420	04/20/23	<0.62	<1.4	<0.10	<1.3	<0.06	0.4 ^J
	MW09-20231025	10/25/23	<0.50	0.61 ^J	<0.26	<0.25	<0.06	<0.75
	MW09-20240416	04/16/24	1.8 ^J	1.3 ^J	<0.26	1.3 ^J	<0.06	<0.75
	MW09-20241028	10/28/24	<0.50	<0.50	<0.30	<0.30	<0.15	<0.75
	MW09-20250423	04/23/25	<0.50	0.74 ^J	<0.30	0.35 ^J	<0.15	<0.50
	MW09-20251009	10/09/25	<0.30	0.71 ^J	<0.15	<0.30	<0.15	<0.15
	MW10	MW10-20181024	10/24/18	<0.39	<0.54	<0.31	<0.22	<0.41
MW10-20200129		01/29/20	<0.39	0.31	0.4	<0.22	<0.41	<0.69
MW10-20200422		04/22/20	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69
MW10-20210420		04/20/21	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69
MW10-20220426		04/26/22	<0.39	1.1	<0.31	0.43	<0.41	<0.69
MW10-20230420		04/20/23	<0.62	<1.4	<0.10	<1.3	<0.06	<0.15
MW10-20231025		10/25/23	2.4	18	<0.26	82	<0.06	<0.75
MW10-20240417		04/17/24	2.2	15	<0.26	1.1 ^J	<0.06	<0.75
MW10-20241028		10/28/24	1.6 ^J	1.0 ^J	<0.30	1.1 ^J	<0.15	<0.75
MW10-20250424		04/24/25	<0.50	0.87 ^J	<0.30	0.40 ^J	<0.15	<0.50
MW11	MW10-20251008	10/08/25	<0.30	2.6	<0.15	0.61 ^J	<0.15	<0.15
	MW11-20230419	04/19/23	<0.62	<1.4	<0.10	<1.3	<0.06	<0.15
	MW11-20231024	10/24/23	<0.50	1.0 ^J	<0.26	<0.25	<0.06	<0.75
	MW11-20240415	04/15/24	1.6 ^J	1.0 ^J	<0.26	1.2 ^J	<0.06	<0.75
	MW11-20241024	10/24/24	1.3 ^J	0.93 ^J	<0.30	0.63 ^J	<0.15	<0.75
	MW11-20250422	04/22/25	<0.50	<0.50	<0.30	<0.30	<0.15	<0.50
MW13	MW11-20251007	10/07/25	<0.30	1.5 ^J	<0.15	0.48 ^J	<0.15	<0.15
	MW13-20230419	04/19/23	<0.62	50.0	<0.10	<1.3	<0.06	<0.15
	MW13-20231024	10/24/23	<0.50	0.63 ^J	<0.26	<0.25	<0.06	<0.75
	MW13-20240415	04/15/24	<0.50	0.87	<0.26	<0.25	<0.06	<0.75
	MW13-20241024	10/24/24	1.2 ^J	0.59 ^J	<0.30	0.65 ^J	<0.15	<0.75
MW22	MW13-20250422	04/22/25	<0.50	0.69 ^J	<0.30	0.34 ^J	<0.15	<0.50
	MW13-20251007	10/07/25	<0.30	1.1 ^J	<0.15	0.31 ^J	<0.15	<0.15
	MW22-20200128	01/28/20	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69
	MW22-20200421	04/21/20	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69
	MW22-20210420	04/20/21	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69
MW29	MW29-20201028	01/28/20	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69
	MW29-20200422	04/22/20	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69
	MW29-20210420	04/20/21	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69
	MW29-20210420	04/20/21	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69
MW31	MW31-20210420	04/19/21	--	--	--	--	--	--
	MW31-20220426	04/26/22	<0.39	4.9	<0.31	0.40	<0.41	<0.69
	MW31-20230418	04/18/23	<0.62	8.1	<0.10	<1.3	<0.06	<0.15
	MW31-20231026	10/26/23	<0.50	2.2	<0.26	<0.25	<0.06	<0.75
	MW31-20240417	04/17/24	<0.50	5.2	<0.26	1.1 ^J	<0.06	<0.75
	MW31-20241028	10/28/24	<0.50	6.1	<0.30	0.74 ^J	<0.15	<0.75
	MW31-20250424	04/24/25	<0.50	1.1 ^J	<0.30	0.42 ^J	<0.15	<0.50
MW35	MW31-20251008	10/08/25	<0.30	2.3	<0.15	0.54 ^J	<0.15	<0.15
	MW35-20220426	04/26/22	<0.62	1.9 ^J	<0.10	<1.3	<0.06	<0.15
	MW35-20231026	10/26/23	<0.50	<0.30	<0.26	<0.25	<0.06	<0.75
	MW35-20240416	04/16/24	1.6 ^J	1.1 ^J	<0.26	1.1 ^J	<0.06	<0.75
	MW35-20241028	10/28/24	<0.50	0.70 ^J	<0.30	0.66 ^J	<0.15	<0.75
	MW35-20250422	04/22/25	<0.50	0.55 ^J	<0.30	<0.30	<0.15	<0.50
IW69	IW70	IW71	IW72	IW69-20251120	11/20/25	<0.30	<0.50	<0.15
IW70	IW71	IW72	IW69-20251120	11/20/25	<0.30	<0.50	<0.15	
IW71	IW72	IW69-20251120	11/20/25	<0.30	<0.50	<0.15	<0.30	<0.15
IW72	IW72-20251120	11/20/25	<0.30	<0.50	<0.15	<0.30	<0.15	<0.15

NOTES:

Bold indicates concentration detected is above laboratory reporting limits.

Analyses performed by SIREM in Guelph, ON, SIREM in Knoxville, TN, or AmTEST Lab oratories in Kirkland, Washington.

⁽¹⁾Analyzed by Ion Chromatography with Electrical Conductivity Detection.

Laboratory Notes:

^J The associated value is an estimated result between the QL and the RL.

-- = not measured/ not applicable

< = not detected at a concentration exceeding the laboratory reporting limit

EPA = US Environmental Protection Agency

mg/L = milligrams per liter

QL = quantitation limit

RL = reporting limit

ATTACHMENT A

Soil Boring Logs and Well Construction Details

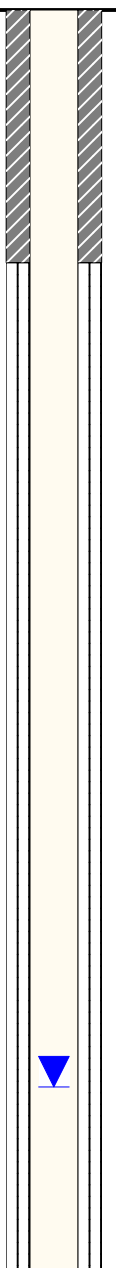
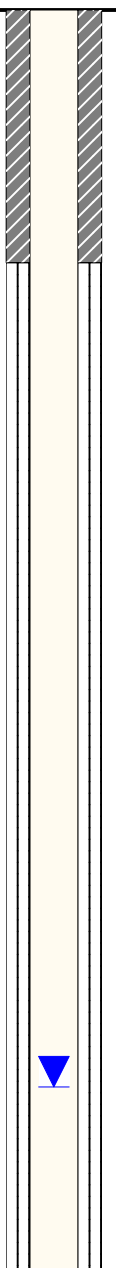
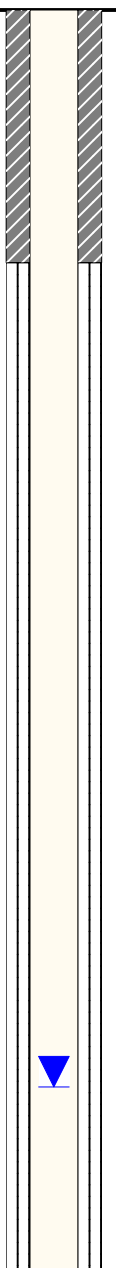


Project: Plastic Sales & Service Site
Project Number: 0651-002
Logged by: LGC
Date Started: 11/10/25
Surface Conditions: Asphalt-Covered Concrete Surface
Location N/S: 45 feet N of SE Corner of Building at 6869 Woodlawn Ave NE
Location E/W: 17 feet E of SE Corner of Building at 6869 Woodlawn Ave NE
Reviewed by: CGC
Date Completed: 11/11/25

BORING LOG | **B38**
IW69

Site Address: 6870 Woodlawn Avenue Northeast
Seattle, Washington

 **Water Depth At Time of Drilling** ~20 feet bgs
 **Water Depth After Completion** 12.6 feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Group Symbol	Graphic	Lithologic Description (ASTM texture, color, odor, moisture, supplemental descriptors, estimated grain size distribution) Field-estimated grain size distribution by volume (% Fines - % Sand - % Gravel)	Well Detail/ Water Depth
0									0.0-0.1 feet bgs: Asphalt.	
									0.1-0.5 feet bgs: Concrete.	
									0.5-5.0 feet bgs: Boring vacuum and air-knife cleared to 5' bgs.	
5				0.0	B38-05		ML		5.0-8.0 feet bgs: Fine to medium sandy SILT with gravel, gray, no solvent odor, moist (50-20-30).	
		100					ML		8.0-19.0 feet bgs: Fine to medium sandy SILT with gravel, gray, no solvent odor, moist (70-20-10).	
10				0.0	B38-10					
		100								
15										

Drilling Co./Driller: Cascade / Chris
Drilling Equipment: Track-Mounted Sonic Drill Rig
Sampler Type: Core Barrel
Hammer Type/Weight: -- lbs
Hammer Drop Distance: -- inches
Total Boring Depth: 55 feet bgs
Total Well Depth: 50 feet bgs
State Well ID No.: BNV360

Well/Auger Diameter: 4 / -- inches
Well Screened Interval: 35 to 50 feet bgs
Screen Slot Size: 0.020 inches
Filter Pack Used: Silica Sand
Surface Seal: Cement
Annular Seal: Bentonite
Monument Type: Traffic-Rated Flushmount

Notes/Comments:
bgs = below ground surface



Project: Plastic Sales & Service Site
Project Number: 0651-002
Logged by: LGC
Date Started: 11/10/25
Surface Conditions: Asphalt-Covered Concrete Surface
Location N/S: 45 feet N of SE Corner of Building at 6869 Woodlawn Ave NE
Location E/W: 17 feet E of SE Corner of Building at 6869 Woodlawn Ave NE
Reviewed by: CGC
Date Completed: 11/11/25

BORING LOG | **B38**
IW69

Site Address: 6870 Woodlawn Avenue Northeast
Seattle, Washington

 **Water Depth At Time of Drilling** ~20 feet bgs
 **Water Depth After Completion** 12.6 feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Group Symbol	Graphic	Lithologic Description (ASTM texture, color, odor, moisture, supplemental descriptors, estimated grain size distribution) Field-estimated grain size distribution by volume (% Fines - % Sand - % Gravel)	Well Detail/ Water Depth
			100	0.0	B38-15					
20			100	1.1	B38-20		SM		19.0-25.5 feet bgs: Silty fine to medium SAND with gravel, gray, faint to moderate solvent odor, moist (25-50-25).	
25			100	23.9	B38-25		GM		25.5-28.0 feet bgs: Silty subrounded GRAVEL with sand, gray, moderate to strong solvent odor, wet (45-10-45).	
30			100				SM		28.0-30.0 feet bgs: Silty fine to medium SAND with gravel, gray, faint to moderate solvent odor, moist (25-50-25).	

Drilling Co./Driller: Cascade / Chris
Drilling Equipment: Track-Mounted Sonic Drill Rig
Sampler Type: Core Barrel
Hammer Type/Weight: -- lbs
Hammer Drop Distance: -- inches
Total Boring Depth: 55 feet bgs
Total Well Depth: 50 feet bgs
State Well ID No.: BNV360

Well/Auger Diameter: 4 / -- inches
Well Screened Interval: 35 to 50 feet bgs
Screen Slot Size: 0.020 inches
Filter Pack Used: Silica Sand
Surface Seal: Cement
Annular Seal: Bentonite
Monument Type: Traffic-Rated Flushmount

Notes/Comments:
bgs = below ground surface



Project: Plastic Sales & Service Site
Project Number: 0651-002
Logged by: LGC
Date Started: 11/10/25
Surface Conditions: Asphalt-Covered Concrete Surface
Location N/S: 45 feet N of SE Corner of Building at 6869 Woodlawn Ave NE
Location E/W: 17 feet E of SE Corner of Building at 6869 Woodlawn Ave NE
Reviewed by: CGC
Date Completed: 11/11/25

BORING LOG | **B38**
IW69

Site Address: 6870 Woodlawn Avenue Northeast
Seattle, Washington

 **Water Depth At Time of Drilling** ~20 feet bgs
 **Water Depth After Completion** 12.6 feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Group Symbol	Graphic	Lithologic Description (ASTM texture, color, odor, moisture, supplemental descriptors, estimated grain size distribution) Field-estimated grain size distribution by volume (% Fines - % Sand - % Gravel)	Well Detail/ Water Depth
35 <										



Project: Plastic Sales & Service Site
Project Number: 0651-002
Logged by: LGC
Date Started: 11/10/25
Surface Conditions: Asphalt-Covered Concrete Surface
Location N/S: 45 feet N of SE Corner of Building at 6869 Woodlawn Ave NE
Location E/W: 17 feet E of SE Corner of Building at 6869 Woodlawn Ave NE
Reviewed by: CGC
Date Completed: 11/11/25

BORING LOG | **B38**
IW69

Site Address: 6870 Woodlawn Avenue Northeast
Seattle, Washington

 **Water Depth At Time of Drilling** ~20 feet bgs
 **Water Depth After Completion** 12.6 feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Group Symbol	Graphic	Lithologic Description (ASTM texture, color, odor, moisture, supplemental descriptors, estimated grain size distribution) Field-estimated grain size distribution by volume (% Fines - % Sand - % Gravel)	Well Detail/ Water Depth
			100	0.0	B38-45		SM		45.0-51.0 feet bgs: Silty fine SAND, trace gravel, gray, no solvent odor, moist (25-70-5).	
50				0.4	B38-50		SM		51.0-55.0 feet bgs: Silty fine to medium SAND with gravel, gray, no solvent odor, moist (20-60-20).	
55				0.2	B38-55				Boring terminated at 55 feet bgs. Native soil collapsed into bottom of borehole from 51-55 feet bgs before driller placed well screen and constructed sand pack. Completed as well IW69 with screened interval 35-50 feet bgs.	
60										

Drilling Co./Driller: Cascade / Chris
Drilling Equipment: Track-Mounted Sonic Drill Rig
Sampler Type: Core Barrel
Hammer Type/Weight: -- lbs
Hammer Drop Distance: -- inches
Total Boring Depth: 55 feet bgs
Total Well Depth: 50 feet bgs
State Well ID No.: BNV360

Well/Auger Diameter: 4 / -- inches
Well Screened Interval: 35 to 50 feet bgs
Screen Slot Size: 0.020 inches
Filter Pack Used: Silica Sand
Surface Seal: Cement
Annular Seal: Bentonite
Monument Type: Traffic-Rated Flushmount

Notes/Comments:
bgs = below ground surface

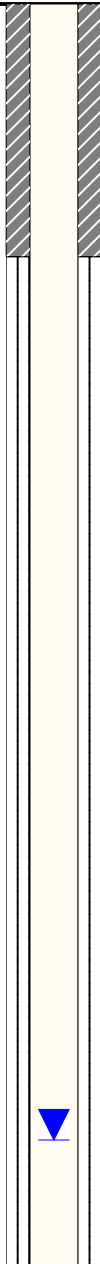
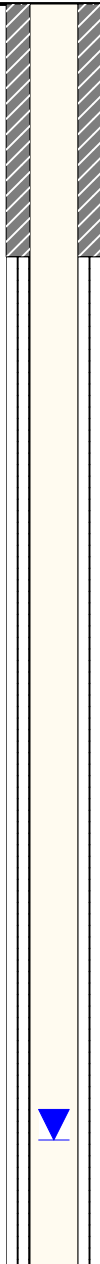
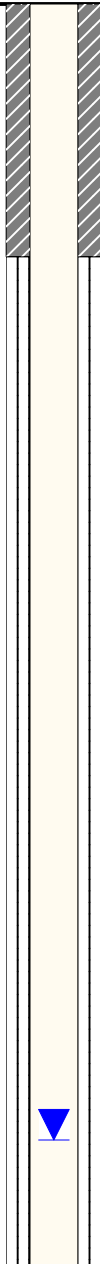


Project: Plastic Sales & Service Site
Project Number: 0651-002
Logged by: LGC
Date Started: 11/11/25
Surface Conditions: Asphalt-Covered Concrete Surface
Location N/S: 51 feet N of SE Corner of Building at 6869 Woodlawn Ave NE
Location E/W: 17 feet E of SE Corner of Building at 6869 Woodlawn Ave NE
Reviewed by: CGC
Date Completed: 11/11/25

BORING LOG | **B39**
IW70

Site Address: 6870 Woodlawn Avenue Northeast
Seattle, Washington

 **Water Depth At Time of Drilling** ~20 feet bgs
 **Water Depth After Completion** 13.3 feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Group Symbol	Graphic	Lithologic Description (ASTM texture, color, odor, moisture, supplemental descriptors, estimated grain size distribution) Field-estimated grain size distribution by volume (% Fines - % Sand - % Gravel)	Well Detail/ Water Depth
0									0.0-0.1 feet bgs: Asphalt.	
									0.1-0.5 feet bgs: Concrete.	
									0.5-5.0 feet bgs: Boring vacuum and air-knife cleared to 5' bgs.	
5				0.7	B39-05		ML		5.0-12.0 feet bgs: Sandy SILT with gravel, gray, no solvent odor, moist (70-15-15).	
		100								
10				0.7	B39-10	X				
							ML		12.0-15.0 feet bgs: Sandy SILT with gravel, gray, no solvent odor, moist (70-20-10).	
		100								
15										

Drilling Co./Driller: Cascade / Chris
Drilling Equipment: Track-Mounted Sonic Drill Rig
Sampler Type: Core Barrel
Hammer Type/Weight: -- lbs
Hammer Drop Distance: -- inches
Total Boring Depth: 35 feet bgs
Total Well Depth: 35 feet bgs
State Well ID No.: BNV361

Well/Auger Diameter: 4 / -- inches
Well Screened Interval: 20 to 35 feet bgs
Screen Slot Size: 0.020 inches
Filter Pack Used: Silica Sand
Surface Seal: Cement
Annular Seal: Bentonite
Monument Type: Traffic-Rated Flushmount

Notes/Comments:
bgs = below ground surface



Project: Plastic Sales & Service Site
Project Number: 0651-002
Logged by: LGC
Date Started: 11/11/25
Surface Conditions: Asphalt-Covered Concrete Surface
Location N/S: 51 feet N of SE Corner of Building at 6869 Woodlawn Ave NE
Location E/W: 17 feet E of SE Corner of Building at 6869 Woodlawn Ave NE
Reviewed by: CGC
Date Completed: 11/11/25

BORING LOG | **B39**
IW70

Site Address: 6870 Woodlawn Avenue Northeast
Seattle, Washington

 **Water Depth At Time of Drilling** ~20 feet bgs
 **Water Depth After Completion** 13.3 feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Group Symbol	Graphic	Lithologic Description (ASTM texture, color, odor, moisture, supplemental descriptors, estimated grain size distribution) Field-estimated grain size distribution by volume (% Fines - % Sand - % Gravel)	Well Detail/ Water Depth
			100	0.0	B39-15		ML		15.0-20.0 feet bgs: Sandy SILT with gravel, gray, no solvent odor, moist (70-20-10).	
20				0.1	B39-20		SM		20.0-21.5 feet bgs: Silty fine to medium SAND with gravel, gray, no solvent odor, moist to wet (25-40-35).	
			100				SM		21.5-25.0 feet bgs: Silty fine to medium SAND with gravel, gray, no solvent odor, wet (20-65-15).	
25				27	B39-25		GM		25.0-26.5 feet bgs: Silty subrounded GRAVEL with sand, gray, no solvent odor, wet (40-15-45).	
			100				GM		26.5-28.0 feet bgs: Silty subrounded GRAVEL with sand, gray, no solvent odor, wet (40-25-35).	
							SM		28.0-30.0 feet bgs: Silty fine to medium SAND with gravel, gray, no solvent odor, wet (25-45-30).	
30										

Drilling Co./Driller: Cascade / Chris
Drilling Equipment: Track-Mounted Sonic Drill Rig
Sampler Type: Core Barrel
Hammer Type/Weight: -- lbs
Hammer Drop Distance: -- inches
Total Boring Depth: 35 feet bgs
Total Well Depth: 35 feet bgs
State Well ID No.: BNV361

Well/Auger Diameter: 4 / -- inches
Well Screened Interval: 20 to 35 feet bgs
Screen Slot Size: 0.020 inches
Filter Pack Used: Silica Sand
Surface Seal: Cement
Annular Seal: Bentonite
Monument Type: Traffic-Rated Flushmount

Notes/Comments:
bgs = below ground surface



Project: Plastic Sales & Service Site
Project Number: 0651-002
Logged by: LGC
Date Started: 11/11/25
Surface Conditions: Asphalt-Covered Concrete Surface
Location N/S: 51 feet N of SE Corner of Building at 6869 Woodlawn Ave NE
Location E/W: 17 feet E of SE Corner of Building at 6869 Woodlawn Ave NE
Reviewed by: CGC
Date Completed: 11/11/25

BORING LOG | **B39**
IW70

Site Address: 6870 Woodlawn Avenue Northeast
Seattle, Washington

 **Water Depth At Time of Drilling** ~20 feet bgs
 **Water Depth After Completion** 13.3 feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Group Symbol	Graphic	Lithologic Description (ASTM texture, color, odor, moisture, supplemental descriptors, estimated grain size distribution) Field-estimated grain size distribution by volume (% Fines - % Sand - % Gravel)	Well Detail/ Water Depth
35			100	29.9	B39-30		SM		30.0-35.0 feet bgs: Silty fine to medium SAND with gravel, gray, no solvent odor, wet (25-45-30).	
45				75.6	B39-35				Boring terminated at 35 feet bgs. Completed as well IW70 with screened interval 20-35 feet bgs.	

Drilling Co./Driller: Cascade / Chris
Drilling Equipment: Track-Mounted Sonic Drill Rig
Sampler Type: Core Barrel
Hammer Type/Weight: -- lbs
Hammer Drop Distance: -- inches
Total Boring Depth: 35 feet bgs
Total Well Depth: 35 feet bgs
State Well ID No.: BNV361

Well/Auger Diameter: 4 / -- inches
Well Screened Interval: 20 to 35 feet bgs
Screen Slot Size: 0.020 inches
Filter Pack Used: Silica Sand
Surface Seal: Cement
Annular Seal: Bentonite
Monument Type: Traffic-Rated Flushmount

Notes/Comments:
bgs = below ground surface

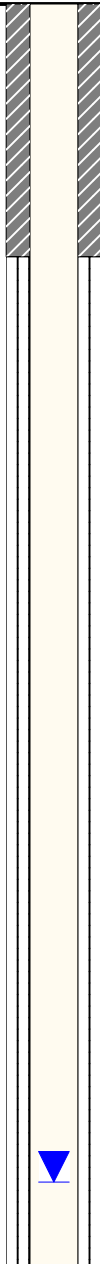
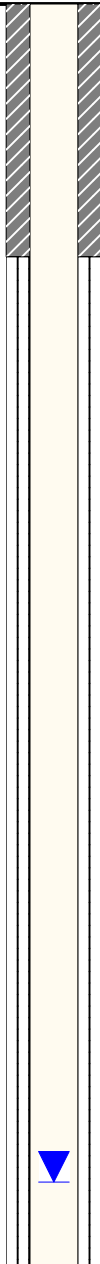
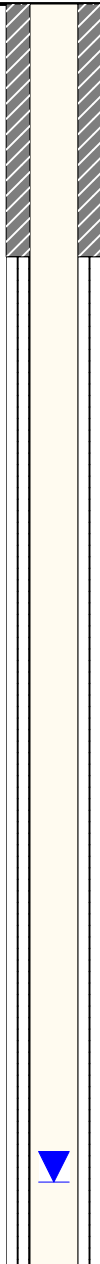


Project: Plastic Sales & Service Site
Project Number: 0651-002
Logged by: LGC
Date Started: 11/12/25
Surface Conditions: Asphalt-Covered Concrete Surface
Location N/S: 67 feet N of SE Corner of Building at 6869 Woodlawn Ave NE
Location E/W: 17 feet E of SE Corner of Building at 6869 Woodlawn Ave NE
Reviewed by: CGC
Date Completed: 11/12/25

BORING LOG | **B40**
IW71

Site Address: 6870 Woodlawn Avenue Northeast
Seattle, Washington

 **Water Depth At Time of Drilling** ~20 feet bgs
 **Water Depth After Completion** 13.8 feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Group Symbol	Graphic	Lithologic Description (ASTM texture, color, odor, moisture, supplemental descriptors, estimated grain size distribution) Field-estimated grain size distribution by volume (% Fines - % Sand - % Gravel)	Well Detail/ Water Depth
0									0.0-0.1 feet bgs: Asphalt.	
									0.1-0.5 feet bgs: Concrete.	
									0.5-5.0 feet bgs: Boring vacuum and air-knife cleared to 5' bgs.	
5				0.3	B40-05		ML		5.0-14.0 feet bgs: Sandy SILT with gravel, gray, no solvent odor, moist (70-15-15).	
			100							
10				0.1	B40-10					
			100							
							ML		14.0-18.5 feet bgs: Fine sandy SILT with gravel, gray, no solvent odor, moist (65-25-10).	
15										

Drilling Co./Driller: Cascade / Chris
Drilling Equipment: Track-Mounted Sonic Drill Rig
Sampler Type: Core Barrel
Hammer Type/Weight: -- lbs
Hammer Drop Distance: -- inches
Total Boring Depth: 50 feet bgs
Total Well Depth: 50 feet bgs
State Well ID No.: BNV362

Well/Auger Diameter: 4 / -- inches
Well Screened Interval: 35 to 50 feet bgs
Screen Slot Size: 0.020 inches
Filter Pack Used: Silica Sand
Surface Seal: Cement
Annular Seal: Bentonite
Monument Type: Traffic-Rated Flushmount

Notes/Comments:
bgs = below ground surface



Project: Plastic Sales & Service Site
Project Number: 0651-002
Logged by: LGC
Date Started: 11/12/25
Surface Conditions: Asphalt-Covered Concrete Surface
Location N/S: 67 feet N of SE Corner of Building at 6869 Woodlawn Ave NE
Location E/W: 17 feet E of SE Corner of Building at 6869 Woodlawn Ave NE
Reviewed by: CGC
Date Completed: 11/12/25

BORING LOG | **B40**
IW71

Site Address: 6870 Woodlawn Avenue Northeast
Seattle, Washington

 **Water Depth At Time of Drilling** ~20 feet bgs
 **Water Depth After Completion** 13.8 feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Group Symbol	Graphic	Lithologic Description (ASTM texture, color, odor, moisture, supplemental descriptors, estimated grain size distribution) Field-estimated grain size distribution by volume (% Fines - % Sand - % Gravel)	Well Detail/ Water Depth
			100	0.3	B40-15					
20				0.3	B40-20		ML		18.5-20.0 feet bgs: Fine sandy SILT with gravel, gray, no solvent odor, moist (60-30-10).	
			100				ML		20.0-22.0 feet bgs: Fine sandy SILT with gravel, gray, no solvent odor, moist (60-30-10).	
							ML		22.0-24.0 feet bgs: Fine sandy SILT with gravel, gray, no solvent odor, moist (50-30-20).	
25				0.3	B40-25		SM		24.0-26.5 feet bgs: Silty fine to medium SAND with gravel, gray, no solvent odor, moist (30-45-25).	
			100				GM		26.5-27.5 feet bgs: Silty subrounded GRAVEL with sand, gray, faint solvent odor, wet (40-15-45).	
							SM		27.5-30.0 feet bgs: Silty fine to medium SAND with gravel, gray, faint solvent odor, wet (25-45-30).	
30										

Drilling Co./Driller: Cascade / Chris
Drilling Equipment: Track-Mounted Sonic Drill Rig
Sampler Type: Core Barrel
Hammer Type/Weight: -- lbs
Hammer Drop Distance: -- inches
Total Boring Depth: 50 feet bgs
Total Well Depth: 50 feet bgs
State Well ID No.: BNV362

Well/Auger Diameter: 4 / -- inches
Well Screened Interval: 35 to 50 feet bgs
Screen Slot Size: 0.020 inches
Filter Pack Used: Silica Sand
Surface Seal: Cement
Annular Seal: Bentonite
Monument Type: Traffic-Rated Flushmount

Notes/Comments:
bgs = below ground surface

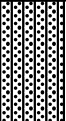


Project: Plastic Sales & Service Site
Project Number: 0651-002
Logged by: LGC
Date Started: 11/12/25
Surface Conditions: Asphalt-Covered Concrete Surface
Location N/S: 67 feet N of SE Corner of Building at 6869 Woodlawn Ave NE
Location E/W: 17 feet E of SE Corner of Building at 6869 Woodlawn Ave NE
Reviewed by: CGC
Date Completed: 11/12/25

BORING LOG | **B40**
 IW71

Site Address: 6870 Woodlawn Avenue Northeast
 Seattle, Washington

 **Water Depth At Time of Drilling** ~20 feet bgs
 **Water Depth After Completion** 13.8 feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Group Symbol	Graphic	Lithologic Description (ASTM texture, color, odor, moisture, supplemental descriptors, estimated grain size distribution) Field-estimated grain size distribution by volume (% Fines - % Sand - % Gravel)	Well Detail/ Water Depth
			10	16.7	B40-30		SM		30.0-35.0 feet bgs: Poor recovery. Soil types similar to interval from 27.5-30 feet bgs.	
35				7.4	B40-35		GM		35.0-38.0 feet bgs: Silty subrounded GRAVEL with sand, gray, faint to moderate solvent odor, wet (35-15-50).	
			100				SM		38.0-40.0 feet bgs: Silty fine to medium SAND with gravel, gray, faint solvent odor, moist to wet (25-50-25).	
40				8.1	B40-40		SM		40.0-43.5 feet bgs: Silty fine to medium SAND with gravel, gray, no solvent odor, wet (saturated) (25-40-35).	
			100				SM		43.5-46.0 feet bgs: Silty fine to medium SAND with gravel, gray, no solvent odor, wet (15-55-30).	
45										

Drilling Co./Driller: Cascade / Chris
Drilling Equipment: Track-Mounted Sonic Drill Rig
Sampler Type: Core Barrel
Hammer Type/Weight: -- lbs
Hammer Drop Distance: -- inches
Total Boring Depth: 50 feet bgs
Total Well Depth: 50 feet bgs
State Well ID No.: BNV362

Well/Auger Diameter: 4 / -- inches
Well Screened Interval: 35 to 50 feet bgs
Screen Slot Size: 0.020 inches
Filter Pack Used: Silica Sand
Surface Seal: Cement
Annular Seal: Bentonite
Monument Type: Traffic-Rated Flushmount

Notes/Comments:
 bgs = below ground surface

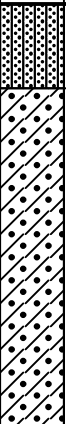


Project: Plastic Sales & Service Site
Project Number: 0651-002
Logged by: LGC
Date Started: 11/12/25
Surface Conditions: Asphalt-Covered Concrete Surface
Location N/S: 67 feet N of SE Corner of Building at 6869 Woodlawn Ave NE
Location E/W: 17 feet E of SE Corner of Building at 6869 Woodlawn Ave NE
Reviewed by: CGC
Date Completed: 11/12/25

BORING LOG | B40 IW71

Site Address: 6870 Woodlawn Avenue Northeast
Seattle, Washington

 **Water Depth At Time of Drilling** ~20 feet bgs
 **Water Depth After Completion** 13.8 feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Group Symbol	Graphic	Lithologic Description (ASTM texture, color, odor, moisture, supplemental descriptors, estimated grain size distribution) Field-estimated grain size distribution by volume (% Fines - % Sand - % Gravel)	Well Detail/ Water Depth
			100	15.2	B40-45		SP-SM		46.0-50.0 feet bgs: Fine to medium SAND with silt and gravel, gray, no solvent odor, wet (10-55-35).	
50				0.3	B40-50				Boring terminated at 50 feet bgs. Completed as well IW71 with screened interval 35-50 feet bgs.	
55										
60										

Drilling Co./Driller: Cascade / Chris
Drilling Equipment: Track-Mounted Sonic Drill Rig
Sampler Type: Core Barrel
Hammer Type/Weight: -- lbs
Hammer Drop Distance: -- inches
Total Boring Depth: 50 feet bgs
Total Well Depth: 50 feet bgs
State Well ID No.: BNV362

Well/Auger Diameter: 4 / -- inches
Well Screened Interval: 35 to 50 feet bgs
Screen Slot Size: 0.020 inches
Filter Pack Used: Silica Sand
Surface Seal: Cement
Annular Seal: Bentonite
Monument Type: Traffic-Rated Flushmount

Notes/Comments:
bgs = below ground surface

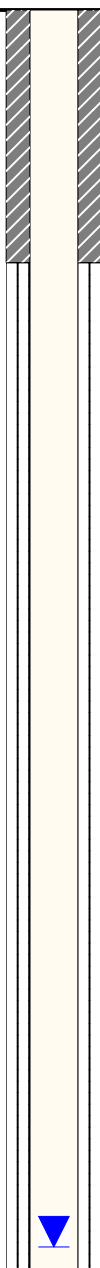


Project: Plastic Sales & Service Site
Project Number: 0651-002
Logged by: LGC
Date Started: 11/13/25
Surface Conditions: Asphalt-Covered Concrete Surface
Location N/S: 74 feet N of SE Corner of Building at 6869 Woodlawn Ave NE
Location E/W: 17 feet E of SE Corner of Building at 6869 Woodlawn Ave NE
Reviewed by: CGC
Date Completed: 11/13/25

BORING LOG | **B41**
IW72

Site Address: 6870 Woodlawn Avenue Northeast
Seattle, Washington

 **Water Depth At Time of Drilling** ~23 feet bgs
 **Water Depth After Completion** 14.5 feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Group Symbol	Graphic	Lithologic Description (ASTM texture, color, odor, moisture, supplemental descriptors, estimated grain size distribution) Field-estimated grain size distribution by volume (% Fines - % Sand - % Gravel)	Well Detail/ Water Depth
0									0.0-0.1 feet bgs: Asphalt.	
									0.1-0.5 feet bgs: Concrete.	
									0.5-5.0 feet bgs: Boring vacuum and air-knife cleared to 5' bgs.	
5				0.1	B41-05		ML		5.0-9.0 feet bgs: Fine sandy SILT, trace gravel, gray, no solvent odor, moist (75-20-5).	
			100							
10				0.2	B41-10		ML		9.0-13.0 feet bgs: Fine sandy SILT with gravel, gray, no solvent odor, moist (75-15-10).	
			100							
15							ML		13.0-15.0 feet bgs: Fine sandy SILT with gravel, gray, no solvent odor, moist (65-20-15).	

Drilling Co./Driller: Cascade / Chris
Drilling Equipment: Track-Mounted Sonic Drill Rig
Sampler Type: Core Barrel
Hammer Type/Weight: -- lbs
Hammer Drop Distance: -- inches
Total Boring Depth: 35 feet bgs
Total Well Depth: 35 feet bgs
State Well ID No.: BNV363

Well/Auger Diameter: 4 / -- inches
Well Screened Interval: 20 to 35 feet bgs
Screen Slot Size: 0.020 inches
Filter Pack Used: Silica Sand
Surface Seal: Cement
Annular Seal: Bentonite
Monument Type: Traffic-Rated Flushmount

Notes/Comments:
bgs = below ground surface



Project: Plastic Sales & Service Site
Project Number: 0651-002
Logged by: LGC
Date Started: 11/13/25
Surface Conditions: Asphalt-Covered Concrete Surface
Location N/S: 74 feet N of SE Corner of Building at 6869 Woodlawn Ave NE
Location E/W: 17 feet E of SE Corner of Building at 6869 Woodlawn Ave NE
Reviewed by: CGC
Date Completed: 11/13/25

BORING LOG | **B41**
IW72

Site Address: 6870 Woodlawn Avenue Northeast
Seattle, Washington

 **Water Depth At Time of Drilling** ~23 feet bgs
 **Water Depth After Completion** 14.5 feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Group Symbol	Graphic	Lithologic Description (ASTM texture, color, odor, moisture, supplemental descriptors, estimated grain size distribution) Field-estimated grain size distribution by volume (% Fines - % Sand - % Gravel)	Well Detail/ Water Depth
			100	0.3	B41-15		ML		15.0-19.0 feet bgs: Fine sandy SILT with gravel, gray, no solvent odor, moist (65-20-15).	
20			100	0.2	B41-20		ML		19.0-23.0 feet bgs: Sandy SILT with gravel, gray, no solvent odor, moist (60-20-20).	
25			100	0.3	B41-25		SM		23.0-30.0 feet bgs: Silty fine to medium SAND with gravel, gray, no solvent odor, moist to wet (30-45-25).	
30										

Drilling Co./Driller: Cascade / Chris
Drilling Equipment: Track-Mounted Sonic Drill Rig
Sampler Type: Core Barrel
Hammer Type/Weight: -- lbs
Hammer Drop Distance: -- inches
Total Boring Depth: 35 feet bgs
Total Well Depth: 35 feet bgs
State Well ID No.: BNV363

Well/Auger Diameter: 4 / -- inches
Well Screened Interval: 20 to 35 feet bgs
Screen Slot Size: 0.020 inches
Filter Pack Used: Silica Sand
Surface Seal: Cement
Annular Seal: Bentonite
Monument Type: Traffic-Rated Flushmount

Notes/Comments:
bgs = below ground surface



Project: Plastic Sales & Service Site
Project Number: 0651-002
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Location E/W: 17 feet E of SE Corner of Building at 6869 Woodlawn Ave NE
Reviewed by: CGC
Date Completed: 11/13/25

BORING LOG | B41 IW72

Site Address: 6870 Woodlawn Avenue Northeast
Seattle, Washington

 **Water Depth At Time of Drilling** ~23 feet bgs
 **Water Depth After Completion** 14.5 feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppm)	Sample ID	Sample Analyzed	Group Symbol	Graphic	Lithologic Description (ASTM texture, color, odor, moisture, supplemental descriptors, estimated grain size distribution) Field-estimated grain size distribution by volume (% Fines - % Sand - % Gravel)	Well Detail/ Water Depth
			100	2.2	B41-30		SM		30.0-34.0 feet bgs: Silty fine to medium SAND with gravel, gray, no solvent odor, moist to wet (30-45-25).	
35				2.6	B41-35		GM		34.0-35.0 feet bgs: Silty subrounded GRAVEL with sand, gray, faint to moderate solvent odor, wet (40-20-40).	
45									Boring terminated at 35 feet bgs. Completed as well IW72 with screened interval 20-35 feet bgs.	

Drilling Co./Driller: Cascade / Chris
Drilling Equipment: Track-Mounted Sonic Drill Rig
Sampler Type: Core Barrel
Hammer Type/Weight: -- lbs
Hammer Drop Distance: -- inches
Total Boring Depth: 35 feet bgs
Total Well Depth: 35 feet bgs
State Well ID No.: BNV363

Well/Auger Diameter: 4 / -- inches
Well Screened Interval: 20 to 35 feet bgs
Screen Slot Size: 0.020 inches
Filter Pack Used: Silica Sand
Surface Seal: Cement
Annular Seal: Bentonite
Monument Type: Traffic-Rated Flushmount

Notes/Comments:
bgs = below ground surface

ATTACHMENT B

Analytical Laboratory Reports



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

November 26, 2025

Tom Cammarata
Sound Earth Strategies
1011 SW Klickitat Way, Suite 212
Seattle, WA 98134

Re: Analytical Data for Project 0651-002
Laboratory Reference No. 2511-117

Dear Tom:

Enclosed are the analytical results and associated quality control data for samples submitted on November 11, 2025.

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,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal flourish extending to the right.

David Baumeister
Project Manager

Enclosures



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

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: November 26, 2025
Samples Submitted: November 11, 2025
Laboratory Reference: 2511-117
Project: 0651-002

Case Narrative

Samples were collected on November 10 and 11, 2025 and received by the laboratory on November 11, 2025. 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.



Date of Report: November 26, 2025
 Samples Submitted: November 11, 2025
 Laboratory Reference: 2511-117
 Project: 0651-002

VOLATILE ORGANICS EPA 8260D

Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B39-10					
Laboratory ID:	11-117-13					
Vinyl Chloride	ND	0.00090	EPA 8260D	11-21-25	11-21-25	
(trans) 1,2-Dichloroethene	ND	0.00090	EPA 8260D	11-21-25	11-21-25	
(cis) 1,2-Dichloroethene	ND	0.00090	EPA 8260D	11-21-25	11-21-25	
Trichloroethene	ND	0.00090	EPA 8260D	11-21-25	11-21-25	
Tetrachloroethene	ND	0.00090	EPA 8260D	11-21-25	11-21-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>105</i>	<i>75-129</i>				
<i>Toluene-d8</i>	<i>102</i>	<i>80-118</i>				
<i>4-Bromofluorobenzene</i>	<i>93</i>	<i>79-123</i>				



Date of Report: November 26, 2025
 Samples Submitted: November 11, 2025
 Laboratory Reference: 2511-117
 Project: 0651-002

VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1121S1					
Vinyl Chloride	ND	0.0010	EPA 8260D	11-21-25	11-21-25	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	11-21-25	11-21-25	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	11-21-25	11-21-25	
Trichloroethene	ND	0.0010	EPA 8260D	11-21-25	11-21-25	
Tetrachloroethene	ND	0.0010	EPA 8260D	11-21-25	11-21-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	97	75-129				
<i>Toluene-d8</i>	95	80-118				
<i>4-Bromofluorobenzene</i>	90	79-123				

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD	RPD	Flags
					Recovery	Limits	Limit			
SPIKE BLANKS										
Laboratory ID:	SB1121S1									
	SB	SBD	SB	SBD	SB	SBD				
Vinyl Chloride	0.0403	0.0372	0.0500	0.0500	81	74	65-136	8	20	
(trans) 1,2-Dichloroethene	0.0441	0.0442	0.0500	0.0500	88	88	78-133	0	15	
(cis) 1,2-Dichloroethene	0.0453	0.0454	0.0500	0.0500	91	91	79-133	0	15	
Trichloroethene	0.0464	0.0471	0.0500	0.0500	93	94	80-127	1	15	
Tetrachloroethene	0.0492	0.0495	0.0500	0.0500	98	99	80-131	1	16	
Surrogate:										
Dibromofluoromethane					99	103	75-129			
Toluene-d8					95	98	80-118			
4-Bromofluorobenzene					98	103	79-123			



Date of Report: November 26, 2025
Samples Submitted: November 11, 2025
Laboratory Reference: 2511-117
Project: 0651-002

% MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
B39-10	11-117-13	18	11-20-25





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





Chain of Custody

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

Company: SoundEarth Strategies

Project Number: 0651-002

Project Name: The Hearthstone

Project Manager: Tom Cammarata

Sampled by: Linnea Coleman

Turnaround Request (in working days)

(Check One)

☐ Same Day ☐ 1 Day

☐ 2 Days ☐ 3 Days

☒ Standard (7 Days)

☐ (other) _____

Laboratory Number: 11-117

CVOCs	
Dissolved Gases (Methane, Ethane, Ethene) by RSK-175	
Sulfate, Chloride, Nitrate	
TOC by SM 310B	
Total Mn and Total Fe by EPA 200.8	
Volatile Organic Fatty Acids	
Ferrous Iron	
Organophosphorus Pesticides 8270/SIM	
Chlorinated Acid Herbicides 8151	
Total RCRA Metals	
Total MTCA Metals	
TCLP Metals	
HEM (oil and grease) 1664	
% Moisture	

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	Comments/Special Instructions
1	B38-05	11/11/25	1145	Soil	4	
2	B38-10		1150			
3	B38-15		1200			
4	B38-20		1230			
5	B38-25		1240			
6	B38-30		1250			
7	B38-35		1335			
8	B38-40		1340			
9	B38-45		1350			
10	B38-50		1450			
Relinquished	Signature: <i>Linnea Coleman</i>	Company: SoundEarth	Date: 11/11/25	Time: 1530		Direct bill to The Hearthstone CVOCs = PCE, TCE, cis/trans-1,2-DCE, VC. Analyze samples at the lowest dilution possible. Send lab reports to Tom & Linnea. <i>Added 11/19/25</i>
Received	<i>Tom Cammarata</i>	<i>Alpha</i>	<i>11/11</i>	<i>1530</i>		
Relinquished	<i>Tom Cammarata</i>	<i>Alpha</i>	<i>11/11</i>	<i>1625</i>		
Received	<i>Linnea Coleman</i>	<i>Alpha</i>	<i>11/11</i>	<i>1625</i>		
Relinquished						
Received						
Reviewed/Date						



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

Chain of Custody

Page 2 of 2

Company: SoundEarth Strategies		Turnaround Request (In working days)			
Project Number: 0651-002		☐ Same Day ☐ 1 Day			
Project Name: The Hearthstone		☐ 2 Days ☐ 3 Days			
Project Manager: Tom Cammarata		☒ Standard (7 Days)			
Sampled by: Linnea Coleman		☐ _____ (other)			
Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers
11	B38-SS	11/10/25	1505	Soil	4
12	B39-05	11/11/25	1150		
13	B39-10		1155		
14	B39-15		1200		
15	B39-20		1205		
16	B39-25		1210		
17	B39-30		1235		
18	B39-35		1240		
Signature: <i>Linnea Coleman</i>		Company: SoundEarth			
Date: 11/11/25		Date: 11/11/25			
Time: 1530		Time: 1530			
Comments/Special Instructions Direct bill to The Hearthstone CVOCs = PCE, TCE, cis/trans-1,2-DCE, VC Analyze samples at the lowest dilution possible. HOLD Send lab reports to Tom & Linnea					
Data Package: Standard ☐ Level III ☐ Level IV ☐					
Chromatograms with final report ☐ Electronic Data Delivery ☐ (EDDs) ☐					

Sample/Cooler Receipt and Acceptance Checklist

Client: SES
 Client Project Name/Number: 0651-002
 OnSite Project Number: 11-117

Initiated by: QMV
 Date Initiated: 11/11/25

1.0 Cooler Verification

1.1 Were there custody seals on the outside of the cooler?	Yes	☒ No	N/A
1.2 Were the custody seals intact?	Yes	No	☒ N/A
1.3 Were the custody seals signed and dated by last custodian?	Yes	No	☒ N/A
1.4 Were the samples delivered on ice or blue ice?	☒ Yes	No	N/A
1.5 Were samples received between 0-6 degrees Celsius?	☒ Yes	No	N/A
1.6 Have shipping bills (if any) been attached to the back of this form?	Yes	☒ N/A	Temperature: <u>0</u>
1.7 How were the samples delivered?	Client	☒ Courier	UPS/FedEx OSE Pickup Other

2.0 Chain of Custody Verification

2.1 Was a Chain of Custody submitted with the samples?	☒ Yes	No
2.2 Was the COC legible and written in permanent ink?	☒ Yes	No
2.3 Have samples been relinquished and accepted by each custodian?	☒ Yes	No
2.4 Did the sample labels (ID, date, time, preservative) agree with COC?	☒ Yes	No
2.5 Were all of the samples listed on the COC submitted?	☒ Yes	No
2.6 Were any of the samples submitted omitted from the COC?	Yes	☒ No

3.0 Sample Verification

3.1 Were any sample containers broken or compromised?	Yes	☒ No
3.2 Were any sample labels missing or illegible?	Yes	☒ No
3.3 Have the correct containers been used for each analysis requested?	☒ Yes	No
3.4 Have the samples been correctly preserved?	Yes	No
3.5 Are volatiles samples free from headspace and bubbles greater than 6mm?	Yes	No
3.6 Is there sufficient sample submitted to perform requested analyses?	☒ Yes	No
3.7 Have any holding times already expired or will expire in 24 hours?	Yes	☒ No
3.8 Was method 5035A used?	☒ Yes	No
3.9 If 5035A was used, which sampling option was used (#1 or #2).	#	1

5035 is for Soil. #1 is for pre-weighed, unpreserved VOAs. #2 is for pre-weighed VOAs preserved with Sodium Bisulfate and/or Methanol

Explain any discrepancies:

1 - Discuss issue in Case Narrative

3 - Client contacted to discuss problem

2 - Process Sample As-is

4 - Sample cannot be analyzed or client does not wish to proceed



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

December 9, 2025

Tom Cammarata
Sound Earth Strategies
1011 SW Klickitat Way, Suite 212
Seattle, WA 98134

Re: Analytical Data for Project 0651-002
Laboratory Reference No. 2511-230

Dear Tom:

Enclosed are the analytical results and associated quality control data for samples submitted on November 20, 2025.

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,

A handwritten signature in black ink, appearing to read "DeB" followed by a stylized flourish.

David Baumeister
Project Manager

Enclosures



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

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: December 9, 2025
Samples Submitted: November 20, 2025
Laboratory Reference: 2511-230
Project: 0651-002

Case Narrative

Samples were collected on November 20, 2025 and received by the laboratory on November 20, 2025. 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.



Date of Report: December 9, 2025
 Samples Submitted: November 20, 2025
 Laboratory Reference: 2511-230
 Project: 0651-002

VOLATILE ORGANICS EPA 8260D/SIM

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: IW69-20251120						
Laboratory ID: 11-230-01						
Vinyl Chloride	11	10	EPA 8260D	11-21-25	11-21-25	
(trans) 1,2-Dichloroethene	ND	10	EPA 8260D	11-21-25	11-21-25	
(cis) 1,2-Dichloroethene	190	10	EPA 8260D	11-21-25	11-21-25	
Trichloroethene	150	10	EPA 8260D	11-21-25	11-21-25	
Tetrachloroethene	4500	20	EPA 8260D	11-24-25	11-24-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	86	68-133				
<i>Toluene-d8</i>	97	79-123				
<i>4-Bromofluorobenzene</i>	81	78-117				

Client ID: IW70-20251120						
Laboratory ID: 11-230-02						
Vinyl Chloride	210	10	EPA 8260D	11-21-25	11-21-25	
(trans) 1,2-Dichloroethene	ND	10	EPA 8260D	11-21-25	11-21-25	
(cis) 1,2-Dichloroethene	1600	10	EPA 8260D	11-21-25	11-21-25	
Trichloroethene	1500	10	EPA 8260D	11-21-25	11-21-25	
Tetrachloroethene	32000	400	EPA 8260D	11-24-25	11-24-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	87	68-133				
<i>Toluene-d8</i>	96	79-123				
<i>4-Bromofluorobenzene</i>	84	78-117				

Client ID: IW71-20251120						
Laboratory ID: 11-230-03						
Vinyl Chloride (SIM)	0.86	0.40	EPA 8260D/SIM	11-24-25	11-24-25	
(trans) 1,2-Dichloroethene	ND	4.0	EPA 8260D	11-24-25	11-24-25	
(cis) 1,2-Dichloroethene	7.3	4.0	EPA 8260D	11-24-25	11-24-25	
Trichloroethene	39	4.0	EPA 8260D	11-24-25	11-24-25	
Tetrachloroethene	1000	4.0	EPA 8260D	11-24-25	11-24-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	89	68-133				
<i>Toluene-d8</i>	96	79-123				
<i>4-Bromofluorobenzene</i>	79	78-117				



Date of Report: December 9, 2025
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 Project: 0651-002

VOLATILE ORGANICS EPA 8260D/SIM

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	IW72-20251120					
Laboratory ID:	11-230-04					
Vinyl Chloride	1.7	1.0	EPA 8260D	11-25-25	11-25-25	
(trans) 1,2-Dichloroethene	ND	1.0	EPA 8260D	11-25-25	11-25-25	
(cis) 1,2-Dichloroethene	31	1.0	EPA 8260D	11-25-25	11-25-25	
Trichloroethene	30	1.0	EPA 8260D	11-25-25	11-25-25	
Tetrachloroethene	280	1.0	EPA 8260D	11-25-25	11-25-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>118</i>	<i>68-133</i>				
<i>Toluene-d8</i>	<i>100</i>	<i>79-123</i>				
<i>4-Bromofluorobenzene</i>	<i>102</i>	<i>78-117</i>				



Date of Report: December 9, 2025
 Samples Submitted: November 20, 2025
 Laboratory Reference: 2511-230
 Project: 0651-002

**VOLATILE ORGANICS EPA 8260D/SIM
 QUALITY CONTROL**

Matrix: Water

Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1121W1					
Vinyl Chloride	ND	0.20	EPA 8260D	11-21-25	11-21-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	11-21-25	11-21-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	11-21-25	11-21-25	
Trichloroethene	ND	0.20	EPA 8260D	11-21-25	11-21-25	
Tetrachloroethene	ND	0.20	EPA 8260D	11-21-25	11-21-25	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	88	68-133				
Toluene-d8	96	79-123				
4-Bromofluorobenzene	80	78-117				
Laboratory ID:	MB1124W1					
Vinyl Chloride (SIM)	ND	0.020	EPA 8260D/SIM	11-24-25	11-24-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	11-24-25	11-24-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	11-24-25	11-24-25	
Trichloroethene	ND	0.20	EPA 8260D	11-24-25	11-24-25	
Tetrachloroethene	ND	0.20	EPA 8260D	11-24-25	11-24-25	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	87	68-133				
Toluene-d8	94	79-123				
4-Bromofluorobenzene	83	78-117				
Laboratory ID:	MB1125W1					
Vinyl Chloride	ND	0.20	EPA 8260D	11-25-25	11-25-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	11-25-25	11-25-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	11-25-25	11-25-25	
Trichloroethene	ND	0.20	EPA 8260D	11-25-25	11-25-25	
Tetrachloroethene	ND	0.20	EPA 8260D	11-25-25	11-25-25	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	116	68-133				
Toluene-d8	102	79-123				
4-Bromofluorobenzene	101	78-117				



Date of Report: December 9, 2025
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 Project: 0651-002

**VOLATILE ORGANICS EPA 8260D/SIM
 QUALITY CONTROL**

Matrix: Water

Units: ug/L

					Percent		Recovery		RPD	
Analyte	Result		Spike Level		Recovery		Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1121W1									
	SB	SBD	SB	SBD	SB	SBD				
Vinyl Chloride	8.46	8.55	10.0	10.0	85	86	67-131	1	16	
(trans) 1,2-Dichloroethene	8.84	9.56	10.0	10.0	88	96	76-126	8	15	
(cis) 1,2-Dichloroethene	8.97	9.98	10.0	10.0	90	100	77-129	11	15	
Trichloroethene	10.0	10.6	10.0	10.0	100	106	80-130	6	15	
Tetrachloroethene	10.1	10.5	10.0	10.0	101	105	80-130	4	20	
Surrogate:										
Dibromofluoromethane					84	88	68-133			
Toluene-d8					100	103	79-123			
4-Bromofluorobenzene					100	105	78-117			
Laboratory ID:	SB1124W1									
	SB	SBD	SB	SBD	SB	SBD				
Vinyl Chloride	9.46	9.28	10.0	10.0	95	93	67-131	2	16	
(trans) 1,2-Dichloroethene	8.75	8.54	10.0	10.0	88	85	76-126	2	15	
(cis) 1,2-Dichloroethene	8.95	8.74	10.0	10.0	90	87	77-129	2	15	
Trichloroethene	10.5	10.0	10.0	10.0	105	100	80-130	5	15	
Tetrachloroethene	10.3	10.3	10.0	10.0	103	103	80-130	0	20	
Surrogate:										
Dibromofluoromethane					84	80	68-133			
Toluene-d8					100	102	79-123			
4-Bromofluorobenzene					101	103	78-117			
Laboratory ID:	SB1125W1									
	SB	SBD	SB	SBD	SB	SBD				
Vinyl Chloride	11.2	10.7	10.0	10.0	112	107	67-131	5	16	
(trans) 1,2-Dichloroethene	11.1	10.9	10.0	10.0	111	109	76-126	2	15	
(cis) 1,2-Dichloroethene	10.8	11.3	10.0	10.0	108	113	77-129	5	15	
Trichloroethene	11.2	10.7	10.0	10.0	112	107	80-130	5	15	
Tetrachloroethene	10.6	10.5	10.0	10.0	106	105	80-130	1	20	
Surrogate:										
Dibromofluoromethane					107	110	68-133			
Toluene-d8					102	100	79-123			
4-Bromofluorobenzene					106	105	78-117			



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 Project: 0651-002

**DISSOLVED GASES
RSK 175**

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	IW69-20251120					
Laboratory ID:	11-230-01					
Methane	40	0.55	RSK 175	11-24-25	11-24-25	
Ethane	8.5	0.56	RSK 175	11-24-25	11-24-25	
Ethene	7.4	0.58	RSK 175	11-24-25	11-24-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>1-Butene</i>	<i>85</i>	<i>50-150</i>				

Client ID:	IW70-20251120					
Laboratory ID:	11-230-02					
Methane	670	5.5	RSK 175	11-24-25	11-24-25	
Ethane	11	0.56	RSK 175	11-24-25	11-24-25	
Ethene	58	0.58	RSK 175	11-24-25	11-24-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>1-Butene</i>	<i>86</i>	<i>50-150</i>				

Client ID:	IW71-20251120					
Laboratory ID:	11-230-03					
Methane	35	0.55	RSK 175	11-24-25	11-24-25	
Ethane	9.7	0.56	RSK 175	11-24-25	11-24-25	
Ethene	5.3	0.58	RSK 175	11-24-25	11-24-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>1-Butene</i>	<i>83</i>	<i>50-150</i>				

Client ID:	IW72-20251120					
Laboratory ID:	11-230-04					
Methane	23	0.55	RSK 175	11-24-25	11-24-25	
Ethane	3.0	0.56	RSK 175	11-24-25	11-24-25	
Ethene	2.2	0.58	RSK 175	11-24-25	11-24-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>1-Butene</i>	<i>83</i>	<i>50-150</i>				



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**DISSOLVED GASES
 RSK 175
 QUALITY CONTROL**

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB124W1					
Methane	ND	0.55	RSK 175	11-24-25	11-24-25	
Ethane	ND	0.56	RSK 175	11-24-25	11-24-25	
Ethene	ND	0.58	RSK 175	11-24-25	11-24-25	
Surrogate:	Percent Recovery	Control Limits				
1-Butene	82	50-150				

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits		RPD	RPD Limit	Flags
SPIKE BLANK											
Laboratory ID:	SB1124W1										
	SB	SBD	SB	SBD	SB	SBD					
Methane	43.5	44.2	44.2	44.2	98	100	75-125	2		25	
Ethane	81.2	82.2	83.2	83.2	98	99	75-125	1		25	
Ethene	68.3	69.6	77.7	77.7	88	90	75-125	2		25	
Surrogate:											
1-Butene					86	87	50-150				



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SULFATE
ASTM D516-16

Matrix: Water
 Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	IW69-20251120					
Laboratory ID:	11-230-01					
Sulfate	34	5.0	ASTM D516-16	11-21-25	11-21-25	

Client ID:	IW70-20251120					
Laboratory ID:	11-230-02					
Sulfate	27	5.0	ASTM D516-16	11-21-25	11-21-25	

Client ID:	IW71-20251120					
Laboratory ID:	11-230-03					
Sulfate	39	5.0	ASTM D516-16	11-21-25	11-21-25	

Client ID:	IW72-20251120					
Laboratory ID:	11-230-04					
Sulfate	42	10	ASTM D516-16	11-21-25	11-21-25	



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**SULFATE
 ASTM D516-16
 QUALITY CONTROL**

Matrix: Water

Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1121W1					
Sulfate	ND	5.0	ASTM D516-16	11-21-25	11-21-25	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	11-230-01							
	ORIG	DUP						
Sulfate	34.2	34.9	NA	NA	NA	NA	2	11

MATRIX SPIKE

Laboratory ID:	11-230-01							
	MS	MS		MS				
Sulfate	55.7	20.0	34.2	108	70-131	NA	NA	

SPIKE BLANK

Laboratory ID:	SB1121W1							
	SB	SB		SB				
Sulfate	8.55	10.0	NA	86	83-113	NA	NA	



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CHLORIDE
SM 4500-Cl E

Matrix: Water
 Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	IW69-20251120					
Laboratory ID:	11-230-01					
Chloride	10	2.0	SM 4500-Cl E	11-21-25	11-21-25	

Client ID:	IW70-20251120					
Laboratory ID:	11-230-02					
Chloride	24	2.0	SM 4500-Cl E	11-21-25	11-21-25	

Client ID:	IW71-20251120					
Laboratory ID:	11-230-03					
Chloride	9.4	2.0	SM 4500-Cl E	11-21-25	11-21-25	

Client ID:	IW72-20251120					
Laboratory ID:	11-230-04					
Chloride	8.4	2.0	SM 4500-Cl E	11-21-25	11-21-25	



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**CHLORIDE
 SM 4500-Cl E
 QUALITY CONTROL**

Matrix: Water

Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1121W1					
Chloride	ND	2.0	SM 4500-Cl E	11-21-25	11-21-25	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	11-230-01							
	ORIG	DUP						
Chloride	10.1	10.1	NA	NA	NA	NA	0	15

MATRIX SPIKES

Laboratory ID:	11-230-01									
	MS	MSD	MS	MSD		MS	MSD			
Chloride	57.8	59.8	50.0	50.0	10.1	95	99	79-131	3	20

SPIKE BLANK

Laboratory ID:	SB1121W1									
	SB		SB			SB				
Chloride	48.3		50.0		NA	97		82-123	NA	NA



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NITRATE (as Nitrogen)
EPA 353.2

Matrix: Water
 Units: mg/L-N

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	IW69-20251120					
Laboratory ID:	11-230-01					
Nitrate	ND	0.050	EPA 353.2	11-20-25	11-20-25	

Client ID:	IW70-20251120					
Laboratory ID:	11-230-02					
Nitrate	ND	0.050	EPA 353.2	11-20-25	11-20-25	

Client ID:	IW71-20251120					
Laboratory ID:	11-230-03					
Nitrate	ND	0.050	EPA 353.2	11-20-25	11-20-25	

Client ID:	IW72-20251120					
Laboratory ID:	11-230-04					
Nitrate	ND	0.050	EPA 353.2	11-20-25	11-20-25	



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NITRATE (as Nitrogen)
EPA 353.2
QUALITY CONTROL

Matrix: Water
 Units: mg/L-N

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1120W1					
Nitrate	ND	0.050	EPA 353.2	11-20-25	11-20-25	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	11-220-01							
	ORIG	DUP						
Nitrate	ND	ND	NA	NA	NA	NA	23	

MATRIX SPIKE								
Laboratory ID:	11-220-01							
	MS	MS		MS				
Nitrate	2.20	2.00	ND	110	74-130	NA	NA	



Date of Report: December 9, 2025
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**TOTAL ORGANIC CARBON
 SM 5310B**

Matrix: Water
 Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	IW69-20251120					
Laboratory ID:	11-230-01					
Total Organic Carbon	ND	1.0	SM 5310B	11-24-25	11-24-25	

Client ID:	IW70-20251120					
Laboratory ID:	11-230-02					
Total Organic Carbon	2.1	1.0	SM 5310B	11-24-25	11-24-25	

Client ID:	IW71-20251120					
Laboratory ID:	11-230-03					
Total Organic Carbon	1.3	1.0	SM 5310B	11-24-25	11-24-25	

Client ID:	IW72-20251120					
Laboratory ID:	11-230-04					
Total Organic Carbon	ND	1.0	SM 5310B	11-24-25	11-24-25	



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**TOTAL ORGANIC CARBON
 SM 5310B
 QUALITY CONTROL**

Matrix: Water

Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1124W1					
Total Organic Carbon	ND	1.0	SM 5310B	11-24-25	11-24-25	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	11-230-01							
	ORIG	DUP						
Total Organic Carbon	ND	ND	NA	NA	NA	NA	NA	10

MATRIX SPIKES

Laboratory ID:	11-230-01									
	MS	MSD	MS	MSD		MS	MSD			
Total Organic Carbon	12.0	11.7	10.0	10.0	ND	120	117	70-136	3	20

SPIKE BLANK

Laboratory ID:	SB1124W1									
	SB		SB			SB				
Total Organic Carbon	10.8		10.0		NA	108		83-130	NA	NA



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**TOTAL METALS
 EPA 200.7**

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: IW69-20251120						
Laboratory ID: 11-230-01						
Iron	470	50	EPA 200.7	11-21-25	11-21-25	
Manganese	75	10	EPA 200.7	11-21-25	11-21-25	

Client ID: IW70-20251120						
Laboratory ID: 11-230-02						
Iron	97	50	EPA 200.7	11-21-25	11-21-25	
Manganese	97	10	EPA 200.7	11-21-25	11-21-25	

Client ID: IW71-20251120						
Laboratory ID: 11-230-03						
Iron	85	50	EPA 200.7	11-21-25	11-21-25	
Manganese	31	10	EPA 200.7	11-21-25	11-21-25	

Client ID: IW72-20251120						
Laboratory ID: 11-230-04						
Iron	270	50	EPA 200.7	11-21-25	11-21-25	
Manganese	63	10	EPA 200.7	11-21-25	11-21-25	



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 Samples Submitted: November 20, 2025
 Laboratory Reference: 2511-230
 Project: 0651-002

**TOTAL METALS
 EPA 200.7
 QUALITY CONTROL**

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1121WH1					
Iron	ND	50	EPA 200.7	11-21-25	11-21-25	
Manganese	ND	10	EPA 200.7	11-21-25	11-21-25	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	11-224-01							
	ORIG	DUP						
Iron	67.2	52.6	NA	NA	NA	24	20	C
Manganese	ND	ND	NA	NA	NA	NA	20	

MATRIX SPIKES

Laboratory ID:	11-224-01									
	MS	MSD	MS	MSD		MS	MSD			
Iron	21500	21000	20000	20000	67.2	107	104	75-125	3	20
Manganese	531	532	500	500	ND	106	106	75-125	0	20

SPIKE BLANK

Laboratory ID:	SB1121WH1									
Iron	22800		20000		N/A	114		85-115		
Manganese	523		500		N/A	105		85-115		





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





3600 Fremont Ave N
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

OnSite Environmental Inc

David Baumeister
14648 NE 95th Street
Redmond, WA 98052

RE: The Hearthstone, 0651-002

Work Order Number: 2511523

November 26, 2025

Attention David Baumeister:

Alliance Technical Group, LLC - Seattle received 4 sample(s) on 11/20/2025 for the analyses presented in the following report.

Ferrous Iron by SM3500-Fe B

All analyses were performed according to our accredited Quality Assurance program. Please contact the laboratory if you should have any questions about the results.

Alliance Technical Group is committed to accuracy, speed, and customer service. Thank you for choosing Alliance Technical Group's Seattle laboratory team for your analytical needs. We appreciate this opportunity to serve you!

Sincerely,

A handwritten signature in blue ink that reads "Kelley Lovejoy".

Kelley Lovejoy
Project Manager

CC:
Blair Goodrow
Nichelle Biffin

*DoD-ELAP Accreditation #79636 by PJLA, ISO/IEC 17025:2017 and QSM 5.4 for Environmental Testing
ORELAP Certification: WA 100009 (NELAP Recognized) for Environmental Testing
Washington State Department of Ecology Accredited for Environmental Testing, Lab ID C910*

Original



www.fremontanalytical.com

CLIENT: OnSite Environmental Inc
Project: The Hearthstone
Work Order: 2511523

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2511523-001	IW69-20251120	11/20/2025 1:00 PM	11/20/2025 2:50 PM
2511523-002	IW70-20251120	11/20/2025 12:05 PM	11/20/2025 2:50 PM
2511523-003	IW71-20251120	11/20/2025 10:45 AM	11/20/2025 2:50 PM
2511523-004	IW72-20251120	11/20/2025 9:00 AM	11/20/2025 2:50 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

CLIENT: OnSite Environmental Inc

Project: The Hearthstone

I. SAMPLE RECEIPT:

Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:

Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

- * - Flagged value is not within established control limits
- B - Analyte detected in the associated Method Blank
- D - Dilution was required
- E - Value above quantitation range
- H - Holding times for preparation or analysis exceeded
- I - Analyte with an internal standard that does not meet established acceptance criteria
- J - Analyte detected below Reporting Limit
- N - Tentatively Identified Compound (TIC)
- Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria
- S - Spike recovery outside accepted recovery limits
- ND - Not detected at the Reporting Limit
- R - High relative percent difference observed

Acronyms:

- %Rec - Percent Recovery
- CCB - Continued Calibration Blank
- CCV - Continued Calibration Verification
- DF - Dilution Factor
- DUP - Sample Duplicate
- HEM - Hexane Extractable Material
- ICV - Initial Calibration Verification
- LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
- MCL - Maximum Contaminant Level
- MB or MBLANK - Method Blank
- MDL - Method Detection Limit
- MS/MSD - Matrix Spike / Matrix Spike Duplicate
- PDS - Post Digestion Spike
- Ref Val - Reference Value
- REP - Sample Replicate
- RL - Reporting Limit
- RPD - Relative Percent Difference
- SD - Serial Dilution
- SGT - Silica Gel Treatment
- SPK - Spike
- Surr - Surrogate

CLIENT: OnSite Environmental Inc
Project: The Hearthstone

Lab ID: 2511523-001

Client Sample ID: IW69-20251120

Collection Date: 11/20/2025 1:00:00 PM

Matrix: Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

Ferrous Iron by SM3500-Fe B

Batch ID: R10487 Analyst: GG

Ferrous Iron	0.387	0.150		mg/L	1	11/20/2025 4:51:00 PM
--------------	-------	-------	--	------	---	-----------------------

Lab ID: 2511523-002

Client Sample ID: IW70-20251120

Collection Date: 11/20/2025 12:05:00 PM

Matrix: Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

Ferrous Iron by SM3500-Fe B

Batch ID: R10487 Analyst: GG

Ferrous Iron	ND	0.150		mg/L	1	11/20/2025 4:51:00 PM
--------------	----	-------	--	------	---	-----------------------

Lab ID: 2511523-003

Client Sample ID: IW71-20251120

Collection Date: 11/20/2025 10:45:00 AM

Matrix: Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

Ferrous Iron by SM3500-Fe B

Batch ID: R10487 Analyst: GG

Ferrous Iron	ND	0.150		mg/L	1	11/20/2025 4:51:00 PM
--------------	----	-------	--	------	---	-----------------------

Lab ID: 2511523-004

Client Sample ID: IW72-20251120

Collection Date: 11/20/2025 9:00:00 AM

Matrix: Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

Ferrous Iron by SM3500-Fe B

Batch ID: R10487 Analyst: GG

Ferrous Iron	ND	0.150		mg/L	1	11/20/2025 4:51:00 PM
--------------	----	-------	--	------	---	-----------------------

Work Order: 2511523
CLIENT: OnSite Environmental Inc
Project: The Hearthstone

QC SUMMARY REPORT

Ferrous Iron by SM3500-Fe B

Sample ID: MB-R104872		SampType: MBLK			Units: mg/L		Prep Date: 11/20/2025			RunNo: 104872		
Client ID: MBLKW		Batch ID: R104872			Analysis Date: 11/20/2025					SeqNo: 2188445		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Ferrous Iron	ND	0.150									
--------------	----	-------	--	--	--	--	--	--	--	--	--

Sample ID: LCS-R104872		SampType: LCS			Units: mg/L		Prep Date: 11/20/2025			RunNo: 104872		
Client ID: LCSW		Batch ID: R104872			Analysis Date: 11/20/2025				SeqNo: 2188446			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Ferrous Iron	0.341	0.150	0.4000	0	85.3	85	115				
--------------	-------	-------	--------	---	------	----	-----	--	--	--	--

Sample ID: 2511523-001ADUP		SampType: DUP			Units: mg/L		Prep Date: 11/20/2025			RunNo: 104872		
Client ID: IW69-20251120		Batch ID: R104872			Analysis Date: 11/20/2025				SeqNo: 2188448			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Ferrous Iron	0.391	0.150						0.3866	1.06	20	
--------------	-------	-------	--	--	--	--	--	--------	------	----	--

Sample ID: 2511523-001AMS		SampType: MS			Units: mg/L		Prep Date: 11/20/2025			RunNo: 104872		
Client ID: IW69-20251120		Batch ID: R104872			Analysis Date: 11/20/2025			SeqNo: 2188449				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Ferrous Iron	0.980	0.150	0.4000	0.3866	148	70	130				S
--------------	-------	-------	--------	--------	-----	----	-----	--	--	--	---

NOTES:

S - Outlying spike recovery observed. A duplicate analysis was performed with similar results indicating a possible matrix effect.

Sample ID: 2511523-001AMSD		SampType: MSD			Units: mg/L		Prep Date: 11/20/2025			RunNo: 104872		
Client ID: IW69-20251120		Batch ID: R104872			Analysis Date: 11/20/2025			SeqNo: 2188450				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Ferrous Iron	1.05	0.150	0.4000	0.3866	167	70	130	0.9797	7.29	30	S
--------------	------	-------	--------	--------	-----	----	-----	--------	------	----	---

NOTES:

S - Outlying spike recovery observed. A duplicate analysis was performed with similar results indicating a possible matrix effect.

Sample Log-In Check List

Client Name: **ONSITE**

Work Order Number: **2511523**

Logged by: **Clare Griggs**

Date Received: **11/20/2025 2:50:00 PM**

Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Custody Seals present on shipping container/cooler?
(Refer to comments for Custody Seals not intact) Yes ☐ No ☐ Not Present ☒
4. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
5. Were all items received at a temperature of >2°C to 6°C * Yes ☒ No ☐ NA ☐
6. Sample(s) in proper container(s)? Yes ☒ No ☐
7. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
8. Are samples properly preserved? Yes ☒ No ☐
9. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
10. Is there headspace in the VOA vials? Yes ☐ No ☐ NA ☒
11. Did all samples containers arrive in good condition(unbroken)? Yes ☒ No ☐
12. Does paperwork match bottle labels? Yes ☒ No ☐
13. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
14. Is it clear what analyses were requested? Yes ☒ No ☐
15. Were all hold times (except field parameters, pH e.g.) able to be met? Yes ☒ No ☐

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified:

Date:

By Whom:

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

17. Additional remarks:

Item Information

Item #	Temp °C
Sample	5.5

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C



Mn Onsite
Environmental Inc.

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

Chain of Custody

to Fremont

Page 1 of 1

Company: **SoundEarth Strategies**

Project Number: **0651-002**

Project Name: **The Hearthstone**

Project Manager: **Tom Cammarata David @**

Sampled by: **Linnea Coleman On Site**

(Check One)

☐ Same Day ☐ 1 Day

☐ 2 Days ☐ 3 Days

☒ Standard (7 Days)

☐ (other) _____

Terraeform Request
(in working days)

Laboratory Number: **251523**

251523

Lab ID

Sample Identification

Number of Containers

CVOCs

Dissolved Gases (Methane, Ethane, Ethene) by RSK-175

Sulfate, Chloride, Nitrate

TOC by SM 310B

Total Mn and Total Fe by EPA 200.8

Volatile Organic Fatty Acids

Ferrous Iron

Organophosphorus Pesticides 8270/SIM

Chlorinated Acid Herbicides 8151

Total RCRA Metals

Total MTCA Metals

TCLP Metals

HEM (oil and grease) 1664

% Moisture

ILW69-20251120
ILW70-20251120
ILW71-20251120
ILW72-20251120

11/20/15 1300 H2O

1205

1045

0900

1

1

1

1

X

X

X

X

11/20/25
L&L

Signature

Company

Date

Time

Comments/Special Instructions

Relinquished

Received

Relinquished

Received

Relinquished

Received

Reviewed/Date

Direct bill to The Hearthstone CVOCs = PCE, TCE, cis/trans-1,2-DCE, VC

Analyze samples at the lowest dilution possible.

David @ On Site

Send lab reports to Tom & Linnea

Data Package: Standard ☐ Level III ☐ Level IV ☐

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

Analytical Results

SiREM File Reference: S-11639

Client: OnSite Environmental Inc.
Client Project Number: 0651-002
Date Samples Received: November 28, 2025
Date Samples Analyzed: December 3, 2025

Client Sample ID	SiREM Reference ID	Client Sample Date	Sample Dilution Factor	Lactate	Acetate	Propionate	Formate	Butyrate	Pyruvate
				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
IW69-20251120	25-25499	20-Nov-25	50x	<0.30	<0.50	<0.15	<0.30	<0.15	<0.15
IW70-20251120	25-25500	20-Nov-25	50x	<0.30	<0.50	<0.15	<0.30	<0.15	<0.15
IW71-20251120	25-25501	20-Nov-25	50x	<0.30	<0.50	<0.15	<0.30	<0.15	<0.15
IW72-20251120	25-25502	20-Nov-25	50x	<0.30	<0.50	<0.15	<0.30	<0.15	<0.15
MDL				50	0.30	0.50	0.15	0.30	0.15
RL				50	2.0	2.0	2.0	2.0	2.0

Comments:

Method: Ion Chromatography with Electrical Conductivity Detection
J = the associated value is an estimated result between the MDL and the RL
MDL = Method Detection Limit
RL = Reporting Limit
mg/L = milligram per liter
< = compound analyzed for but not detected, associated value is MDL. Sample MDL is corrected for dilution.

Analyst:

Iryna Ilina

Iryna Ilina, M.Sc.
Laboratory Technician I

Results approved:

Kela Ashworth

Kela Ashworth, B.Sc.
Scientist

Date:

December 8, 2025

Sample/Cooler Receipt and Acceptance Checklist

Client: SES
 Client Project Name/Number: 0657-002
 OnSite Project Number: 11-230

Initiated by: AMV
 Date Initiated: 11/20/05

1.0 Cooler Verification

1.1 Were there custody seals on the outside of the cooler?	Yes	<u>No</u>	N/A
1.2 Were the custody seals intact?	Yes	No	<u>N/A</u>
1.3 Were the custody seals signed and dated by last custodian?	Yes	No	<u>N/A</u>
1.4 Were the samples delivered on ice or blue ice?	<u>Yes</u>	No	N/A
1.5 Were samples received between 0-6 degrees Celsius?	<u>Yes</u>	No	N/A
1.6 Have shipping bills (if any) been attached to the back of this form?	Yes	<u>N/A</u>	Temperature: <u>1</u>
1.7 How were the samples delivered?	Client	<u>Courier</u>	UPS/FedEx OSE Pickup Other

2.0 Chain of Custody Verification

2.1 Was a Chain of Custody submitted with the samples?	<u>Yes</u>	No
2.2 Was the COC legible and written in permanent ink?	<u>Yes</u>	No
2.3 Have samples been relinquished and accepted by each custodian?	<u>Yes</u>	No
2.4 Did the sample labels (ID, date, time, preservative) agree with COC?	<u>Yes</u>	No
2.5 Were all of the samples listed on the COC submitted?	<u>Yes</u>	No
2.6 Were any of the samples submitted omitted from the COC?	Yes	<u>No</u>

3.0 Sample Verification

3.1 Were any sample containers broken or compromised?	Yes	<u>No</u>	
3.2 Were any sample labels missing or illegible?	Yes	<u>No</u>	
3.3 Have the correct containers been used for each analysis requested?	<u>Yes</u>	No	
3.4 Have the samples been correctly preserved?	<u>Yes</u>	No	N/A
3.5 Are volatile samples free from headspace and bubbles greater than 6mm?	<u>Yes</u>	No	N/A
3.6 Is there sufficient sample submitted to perform requested analyses?	<u>Yes</u>	No	
3.7 Have any holding times already expired or will expire in 24 hours?	<u>Yes</u>	<u>No</u>	
3.8 Was method 5035A used?	Yes	No	<u>N/A</u>
3.9 If 5035A was used, which sampling option was used (#1 or #2).	#		<u>N/A</u>

5035 is for Soil. #1 is for pre-weighed, unpreserved VOAs. #2 is for pre-weighed VOAs preserved with Sodium Bisulfate and/or Methanol

Explain any discrepancies:

<u>3.7) Ferrous Iron</u>

1 - Discuss issue in Case Narrative

3 - Client contacted to discuss problem

2 - Process Sample As-is

4 - Sample cannot be analyzed or client does not wish to proceed

ATTACHMENT C
PRIMA's Bench-Scale Report



March 24, 2026

Tom Cammarata
Levi Fernandes
Sound Earth Strategies
1109 A Street, Suite 110
Tacoma, CA 98402

**RE: Revised Final Report of Findings “Bench-scale Evaluation of Sodium
Permanganate for Destruction of CVOCs in Soil and Groundwater”**
Client Project No: 0651-002
Client ID: Plastic Sales & Service Site
PRIMA ID: Sound Earth – Hearthstone (rev1)

Dear Mr. Cammarata and Mr. Fernandes:

Enclosed is the revised final Report of Findings entitled “Bench-scale Evaluation of Sodium Permanganate for Destruction of CVOCs in Soil and Groundwater” that describes bench testing conducted on soil and groundwater from the Plastic Sales & Service Site located in Seattle, Washington. I can be reached at cschreier@primaenvironmental.com or 916-939-7300 if you have any questions. Thank you for the opportunity to be of service.

Sincerely,

PRIMA Environmental, Inc.

A handwritten signature in blue ink that reads 'Cindy G. Schreier'.

Cindy G. Schreier, Ph.D.

President and Chief Scientist



Revised
Report of Findings

**Bench-Scale Evaluation of Sodium Permanganate for Removal
of CVOCs from Soil and Groundwater**

Plastic Sales & Service Site
Seattle, Washington
Client No.: 0651-002
PRIMA ID: Sound Earth-Hearthstone

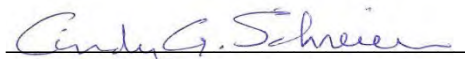
March 24, 2026

Submitted to
Tom Cammarata
Levi Fernandes
Sound Earth Strategies
1109 A Street, Suite 110
Tacoma, CA 98402

Submitted by



5070 Robert J Mathews Parkway, Suite 300
El Dorado Hills, CA 95762


Cindy G. Schreier, Ph.D., President

March 24, 2026
Date



EXECUTIVE SUMMARY

A bench-scale treatability study was conducted on soil and groundwater from the Plastic Sales & Services site located in Seattle, Washington to evaluate the ability of sodium permanganate (NaMnO_4) to remove chemicals of concern (COCs). The COCs were tetrachloroethene (PCE), trichloroethene (TCE), cis-dichloroethene (cis-DCE), and vinyl chloride (VC). The study measured soil oxidant demand (SOD), evaluated COC removal, and assessed the effect of treatment on selected secondary water quality parameters.

Laboratory testing demonstrated that NaMnO_4 can remove PCE, TCE, DCE, and VC from site soil and groundwater. At least 99.9% of each compound was removed within 7 days when the dose of NaMnO_4 was 0.9 g/L NaMnO_4 (2,700 mg NaMnO_4 /kg soil), which was 0.75x the measured SOD value of 3,600 mg NaMnO_4 /kg soil.

Treatment mobilized up to 250 $\mu\text{g/L}$ dissolved chromium, which, based on PRIMA's professional judgement was assumed to be present as Cr(VI). This condition is due to the oxidizing nature of NaMnO_4 , which can oxidize Cr (III) to Cr(VI). .

Based on the results of this study, PRIMA recommends that NaMnO_4 be considered for use at this site as treatment method for the destruction of COCs.



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ACRONYMS and ABBREVIATIONS

COCs	chemicals of concern
Cr(VI)	hexavalent chromium
cis-DCE	cis-1,2-dichloroethene
trans-DCE	trans-1,2-dichloroethene
g	grams
kg	kilograms
L	liters
mg	milligrams
mL	milliliters
mmol	millimoles
mV	millivolts
µg	micrograms
ORP	oxidation reduction potential
PCE	tetrachloroethene
SOD	soil oxidant demand
TCE	trichloroethene
TOC	total organic carbon
VC	vinyl chloride
VOCs	volatile organic compounds



CHEMICAL FORMULAE

C_2Cl_4	tetrachloroethene
C_2HCl_3	trichloroethene
$C_2H_2Cl_2$	dichloroethene
C_2H_3Cl	vinyl chloride
CO_2	carbon dioxide
H^+	acid/proton
H_2O	water
MnO_2	manganese dioxide
$NaMnO_4$	sodium permanganate

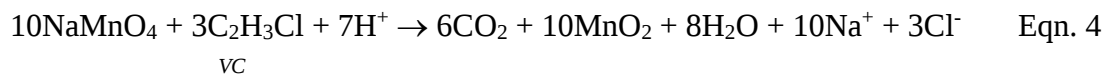
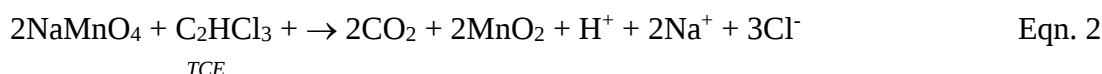
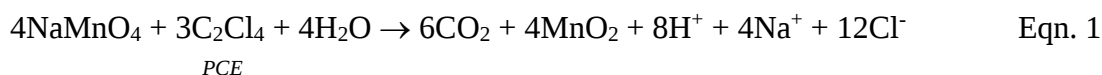


1.0 INTRODUCTION

A bench-scale treatability study was conducted on soil and groundwater from the Plastic Sales & Services site located in Seattle, Washington to evaluate the ability of sodium permanganate (NaMnO_4) to remove chemicals of concern (COCs). The COCs were tetrachloroethene (PCE), trichloroethene (TCE), cis-dichloroethene (cis-DCE), and vinyl chloride (VC). The study measured soil oxidant demand (SOD), evaluated COC removal, and assessed the effect of treatment on selected secondary water quality parameters.

1.1 Background

NaMnO_4 is an established technology for the *in-situ* oxidation of chlorinated ethenes. The theoretical chemical reactions for the oxidation of PCE, TCE, DCE, and VC to carbon dioxide, water, and chloride by NaMnO_4 are given by **Equations 1-4**. The stoichiometric dose requirements are shown in **Table 1**. However, NaMnO_4 is a non-selective oxidizing agent that may also be consumed by natural organic matter and other oxidizable species present in soil and groundwater.



Treatment of soil and groundwater with NaMnO_4 may affect secondary water quality. The most common effect is an increase in the aqueous concentration of hexavalent chromium [Cr(VI)] due to oxidation of naturally occurring soil chromium to water soluble Cr(VI) . The magnitude, duration, and significance of any secondary effects are site specific.



Table 1. Theoretical Stoichiometric Dose Requirements.

COC	g NaMnO ₄ /g COC
Tetrachloroethene	1.1
Trichloroethene	2.2
Dichloroethene*	3.9
Vinyl chloride	7.6

* all isomers

1.2 Study Objectives

Batch tests were conducted to evaluate NaMnO₄. Specific goals were to:

- Measure the soil oxidant demand/persistence for NaMnO₄
- Assess COC removal by NaMnO₄
- Evaluate the effect of treatment on secondary water quality parameters.

The specific tests conducted to achieve these goals are described in **Section 2.0** of this report. Results and Summary/Conclusions are presented in **Sections 3.0 and 4.0**, respectively.



2.0 MATERIALS and METHODS

2.1 Materials

Sodium Permanganate, NaMnO₄. 40% NaMnO₄ was used in this study. Stock solutions were prepared as needed by diluting with laboratory grade deionized (DI) water.

2.2 Preparation and Characterization of Soil and Groundwater

One soil sample (0651-002_B38-B41_Soil) consisting of multiple jars was received on November 20, 2025. The sample was sieved to remove particles greater than 4 mesh (3/16 inches), then homogenized. It was analyzed for Cr(VI), total metals (chromium, manganese), moisture content, total organic carbon (TOC), and volatile organic compounds (VOCs) using the laboratories and methods described in **Section 2.5**. All treatability testing was performed on this homogenized material.

Four groundwater samples (IW69-20251120, IW70-20251120, IW71-20251120 and IW72-20251120), each consisting of multiple 1-liter (L) amber bottles were received on November 26, 2025. The water was composited into a single sample by pumping chilled water from each bottle into a large Tedlar bag, mixing, then pumping the water back into the amber bottles. The homogenized water was clear and colorless. It was analyzed for alkalinity, anions (chloride, nitrate, sulfate), dissolved metals (chromium, manganese), dissolved oxygen, ferrous iron, oxidation reduction potential (ORP), pH, and VOCs using the laboratories and methods described in **Section 2.5**.

2.3 Soil Oxidant Demand / Persistence

The NaMnO₄ SOD/oxidant persistence was measured. Three series of five reactors were prepared. Each reactor contained 20 grams (g) soil and 20 milliliters (mL) of 1,080 milligram (mg)/L, 5,300 mg/L or 22,800 mg/L NaMnO₄ solution. Reactors were shaken continuously. One replicate from each series was destructively sampled at 0.15, 1, 2, 7 and 14 days and the water analyzed for residual NaMnO₄ per **Section 2.5**. SOD was calculated as described in **Section 2.6.2**.



2.4 COC Removal / Secondary Effects

Batch tests were conducted to evaluate the ability of NaMnO_4 to destroy COCs and assess the effect of treatment on secondary water quality. Ten reactors were prepared by combining 317 g soil, 920 mL groundwater, and 30 mL total of NaMnO_4 stock solution and DI water as appropriate to give the initial conditions shown in **Table 2**. Dosing was based on the 48-hour, high dose SOD result of 3.6 g NaMnO_4 /kg soil (see **Sections 2.3 and 3.2**). Reactors were stored at room temperature (approximately 20°C) in the dark and inverted once per business day to mix the contents. At the times specified, reactors were destructively sampled and the soil and water each analyzed for VOCs. Water was also analyzed for dissolved chromium, ORP, pH, and residual NaMnO_4 . Cr(VI) was not measured because residual permanganate interfered with the analysis. Soil moisture content of soil was measured.

Table 2. Initial Conditions for COC Removal Tests.

Test	# Reps	Treatment	Sample Times
			days
Time 0	1	None	0
Control	2	None	7, 28
NaMnO ₄ -Low	2	0.75xSOD (0.9 g/L NaMnO ₄)	7, 28
NaMnO ₄ -Med	2	1xSOD (1.2 g/L NaMnO ₄)	7, 28
NaMnO ₄ -High	2	1.25xSOD (1.5 g/L NaMnO ₄)	7, 28

* Assumes SOD is 3.6 g NaMnO_4 /kg soil

2.5 Analytical Methods

The methods for each analysis and the laboratory that performed the analyses are summarized in **Table 3**. All subcontracted samples were collected in appropriately preserved containers and shipped on ice under chain of custody via overnight delivery to the analytical laboratory. Soil and water were separated by allowing water to settle overnight, then siphoning as much water as possible directly into sample containers. Residual NaMnO_4 in VOCs samples was quenched in the sample container by adding ascorbic acid. Samples for Cr(VI) and dissolved metals were filtered by PRIMA through a 0.45-micron polyethersulfone (PES) filter. Soil was centrifuged to remove excess water before being homogenized and placed in a sample container with minimal headspace.



Table 3. Analytical Methods.

Analyte	Method	Laboratory*
Alkalinity	SM 2320B	Enthalpy
Anions	EPA 300.1	Enthalpy
Cr(VI)	EPA 7199/EPA 218.6	McC Campbell
Dissolved Oxygen/ORP/pH	Probe	PRIMA
Ferrous iron	Hach**	McC Campbell
Metals	EPA 6020/200.8	PRIMA
TOC	EPA 9060	McC Campbell
VOCs	EPA 8260	McC Campbell

* Enthalpy Analytical (Orange, CA), McC Campbell Analytical (Pittsburg, CA)

** Hach 2800 Spectrophotometer and appropriate Hach test reagents.

2.6 Calculations

2.6.1 Theoretical Oxidant Demand due to COCs

The theoretical amount of oxidant needed to convert a COC to carbon dioxide, water and chloride is the concentration of the COC in the matrix (soil or water, see **Section 3.1**) times the stoichiometric requirement (**Table 1**). The total theoretical demand is the sum of the individual COC demands, as shown in **Equation 5**.

$$OD_{COCs} = \sum_{i=1}^i COC_i \times SR_i$$

Eqn. 5

where

- OD_{COCs} is total theoretical oxidant demand due to COCs, in g/kg for soil or g/L for water
- $[COC]_i$ is concentration of i th COC in matrix, in g/kg for soil or g/L for water
- SR_i is the stoichiometric oxidant requirement (g oxidant / g COC) of the i th COC based on theoretical equations for conversion of the COC to CO_2 .



2.6.2 SOD

SOD was calculated according to **Equation 6**.

$$\text{SOD} = ([\text{Ox}]_{\text{init}} - [\text{Ox}]_t) \times (V/M) \quad \text{Eqn. 6}$$

where

- SOD is soil oxidant demand, in g (or mg) oxidant/kg soil
- $[\text{Ox}]_{\text{init}}$ is the initial concentration of oxidant, in g (or mg) oxidant/L
- $[\text{Ox}]_t$ is the concentration of oxidant at time, t, in g (or mg) oxidant/L
- V is total volume of the aqueous phase, in L
- M is mass of soil, in kg

2.6.3 Percent Removed/Destroyed

The percent remaining and destroyed in the COC Removal tests were calculated by comparing the mass of each COC in the test reactor to the mass in the Time 0 reactor according to **Equations 7-9**. Concentrations in soil are on a dry weight basis.

$$\text{Percent Remaining in Water} = 100 \times (C_{\text{aq}}V_{\text{aq}}) / (C_{\text{aq},T0}V_{\text{aq}} + C_{\text{s},T0}M_{\text{s}}) \quad \text{Eqn. 7}$$

$$\text{Percent Remaining in Soil} = 100 \times (C_{\text{s}}M_{\text{s}}) / (C_{\text{aq},T0}V_{\text{aq}} + C_{\text{s},T0}M_{\text{s}}), \quad \text{Eqn. 8}$$

$$\begin{aligned} \text{Percent Destroyed} = 100 - \\ (\% \text{ Remaining in Water} + \% \text{ Remaining in Soil}) \end{aligned} \quad \text{Eqn. 9}$$

where

- C_{aq} is the aqueous concentration ($\mu\text{g/L}$) in the control or test,
- $C_{\text{aq},T0}$ is the aqueous concentration ($\mu\text{g/L}$) in the Time 0 sample
- C_{s} is the soil concentration (mg/kg) in the control or test
- $C_{\text{s},T0}$ is the soil concentration (mg/kg) at Time 0
- V_{aq} is the aqueous volume of the control or test
- M_{s} is the mass (kg) of the soil in the control or test.



3.0 RESULTS and DISCUSSION

*Tables in this section contain data from subcontracted analytical laboratories.
Complete analytical reports are provided in **Appendix B**.*

3.1 Untreated Soil and Groundwater

The concentrations of COCs and secondary parameters in untreated soil and groundwater are shown in **Table 4**. Soil contained 200 micrograms (μg)/kilogram (kg) PCE, approximately 4.9 $\mu\text{g/kg}$ TCE, and 6.9 $\mu\text{g/kg}$ cis-DCE. Groundwater contained 7,700 $\mu\text{g/L}$ PCE, 330 $\mu\text{g/L}$ TCE, 410 $\mu\text{g/L}$ cis-DCE, 0.6 $\mu\text{g/L}$ trans-DCE, 4.5 $\mu\text{g/L}$ 1,1-DCE and 28 $\mu\text{g/L}$ VC. Low concentrations (under 2 $\mu\text{g/L}$ each) of various petroleum-related VOCs were also present. The theoretical oxidant demand due to the chlorinated ethenes is 0.22 mg NaMnO_4/kg soil and 11 mg NaMnO_4/L groundwater, implying that SOD, rather than COCs, will control the amount of NaMnO_4 required at the site. Groundwater contained 0.44 $\mu\text{g/L}$ Cr(VI). Dissolved oxygen and ORP were measured at 4.5 mg/L and -192 millivolts (mV), respectively.

3.2 SOD/Persistence

Results from the NaMnO_4 SOD / persistence tests are shown in **Figure 1**. The 2-day SOD, which was used to determine dosing for the COC removal tests was 1,950 mg NaMnO_4/kg soil when the initial NaMnO_4 concentration was 5,300 mg/L, and 3,600 mg NaMnO_4/kg soil when the initial concentration was 22,800 mg/L (all NaMnO_4 was consumed within 1 day when the initial concentration was 1,080 mg NaMnO_4/L .) By day 14, the SOD had increased to 2,800 mg NaMnO_4/kg soil and 4,800 mg NaMnO_4/kg soil in the medium and high dose tests, respectively. Increased SOD with higher initial concentration of NaMnO_4 is a common phenomenon.

3.3 COC Removal

The concentrations of CVOCs in treated soil and water are shown in **Table 5**. The mass balance is given in **Table 6**. Treatment with NaMnO_4 completely removed all COCs from the water phase within 7 days, even at the lowest dose of 0.9 g/L (2.7 g NaMnO_4/kg soil). Soil concentrations of PCE decreased from 700 $\mu\text{g/kg}$ at Time 0 to 20 $\mu\text{g/kg}$ or lower by Day 7 and under 1 $\mu\text{g/kg}$ by Day 28. Most other COCs were not detected in



soil. Overall, 99.9% of the PCE initially present was removed within 7 days with additional removal by Day 28. For other COCs, greater than 99.9% was removed within 7 days.

3.4 Secondary Effects

Concentrations of non-target VOCs and secondary water quality parameters are provided in **Table 7**. Some non-target VOCs were detected in NaMnO₄-treated samples, including acetone, 2-butanone, benzene, and toluene. Most concentrations were low – less than 0.2 µg/L. Exceptions were acetone, which ranged from 25 to 73 µg/L, and 2-butanone, which range from 1.8 to 6.5 µg/L. Acetone and 2-butanone are often observed in oxidation studies and are expected to biodegrade once the NaMnO₄ has been consumed.

Treatment with NaMnO₄ is assumed to have generated Cr(VI), although Cr(VI) could not be measured directly in the treated water due to interference from residual NaMnO₄. However, dissolved chromium, which is presumed to be present at Cr(VI) due to the oxidizing nature of NaMnO₄, increased from less than 0.61 µg /L at Time 0 to up to between 190 and 250 µg/L by Day 28. .

The concentration of NaMnO₄ decreased over time, but 17% to 50% of the initial amount was still present at 28 days. Given more time, it is likely that complete removal would be observed in the low dose, which used 0.75x the SOD, and possibly in the medium dose test that used 1x the SOD.

Treatment with NaMnO₄ increased the concentration of dissolved manganese and raised ORP due to the presence of NaMnO₄, but did not affect pH.

3.5 Observations

Figure 2 show the reactors prior to sampling at Days 28. The aqueous phase in the test reactors is dark due to the presence of NaMnO₄. Soil is grayish in the control, but brown in the test reactors. This color change is indicative of oxidation of ferrous iron minerals, which are typically gray or black, to ferric iron minerals, which are brown and orange. The orange color may also indicate the presence of manganese dioxide (MnO₂), a by-product of CVOC oxidation by permanganate (see **Section 1.0, Equations 1-4**).



Table 4. COCs and Secondary Parameters in Untreated Soil and Water.

Analyte	Units	Soil	Groundwater
<i>COCs</i>			
Vinyl chloride	µg/kg or µg/L	< 0.7	28
1,1-Dichloroethene	µg/kg or µg/L	< 0.4	4.5
trans-Dichloroethene	µg/kg or µg/L	< 0.5	0.6
cis-Dichloroethene	µg/kg or µg/L	6.9	410
Benzene	µg/kg or µg/L	< 0.4	0.07 J
Trichloroethene	µg/kg or µg/L	4.6 J	330
1,2-Dichloropropane	µg/kg or µg/L	< 0.5	0.2 J
4-Methyl-2-Pentanone (M	µg/kg or µg/L	< 0.9	1.1 J
Toluene	µg/kg or µg/L	< 0.5	0.7
Tetrachloroethene	µg/kg or µg/L	200	7,700
Chlorobenzene	µg/kg or µg/L	< 0.3	0.3 J
Ethylbenzene	µg/kg or µg/L	< 0.4	0.2 J
m,p-Xylenes	µg/kg or µg/L	< 0.6	1.2
o-Xylene	µg/kg or µg/L	< 0.6	0.8
1,2,4-Trimethylbenzene	µg/kg or µg/L	< 0.5	0.6
n-Butylbenzene	µg/kg or µg/L	< 0.6	0.1 J
Naphthalene	µg/kg or µg/L	< 0.6	1.3 J
<i>Anions</i>			
Chloride	mg/L	n.m.	12
Nitrate	mg/L-N	n.m.	< 0.05
Sulfate	mg/L	n.m.	37
<i>Other Parameters</i>			
Alkalinity	mg/L CaCO ₃	n.a.	250
Cr(VI)	mg/kg or µg/L	< 0.200	0.44
Chromium*	mg/kg or µg/L	21	< 4.0
Manganese*	mg/kg or µg/L	200	66 J
Dissolved oxygen	mg/L	n.a.	4.5
Ferrous iron	mg/L	n.m.	< 0.02
ORP	mV	n.m.	-192
pH	--	n.m.	7.89
TOC	mg/kg	570	n.m.

* Total metals for soil, dissolved metals for water

n.a. = not applicable

n.m. = not measured



Time (day)	NaMnO ₄ Remaining, mg/L soln.						NaMnO ₄ Consumed, mg/kg soil		
	Control - Low	Control - Medium	Control - High	Test - Low	Test - Medium	Test - High	Test - Low	Test - Medium	Test - High
0	1,080	5,300	22,800						
0.15				236	3,900	19,400	844	1,400	3,400
1.1				0	3,500	19,200	1,080	1,800	3,600
2					3,350	19,200		1,950	3,600
7					2,900	18,400		2,400	4,400
14					2,500	18,000		2,800	4,800

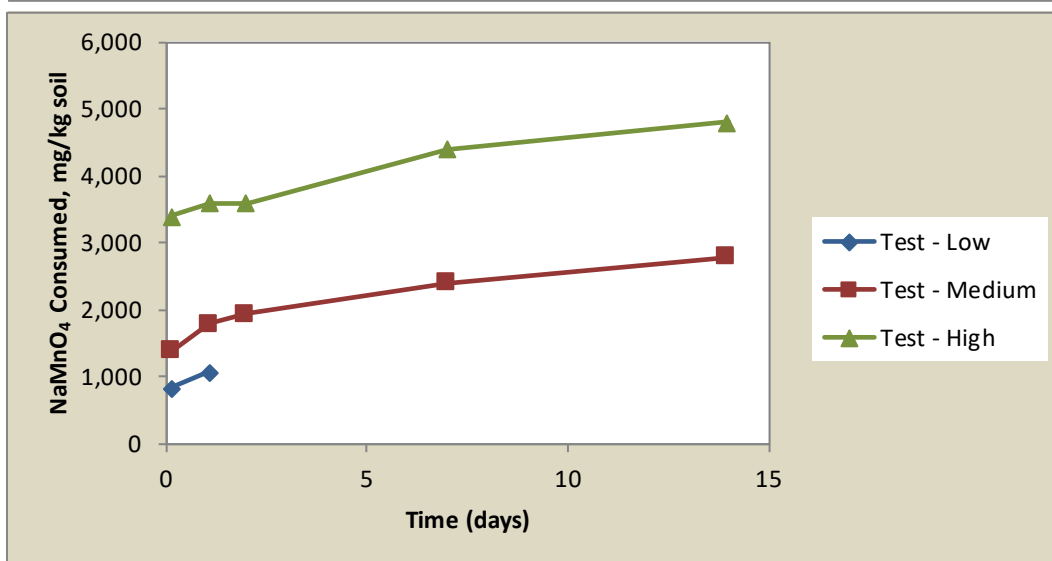
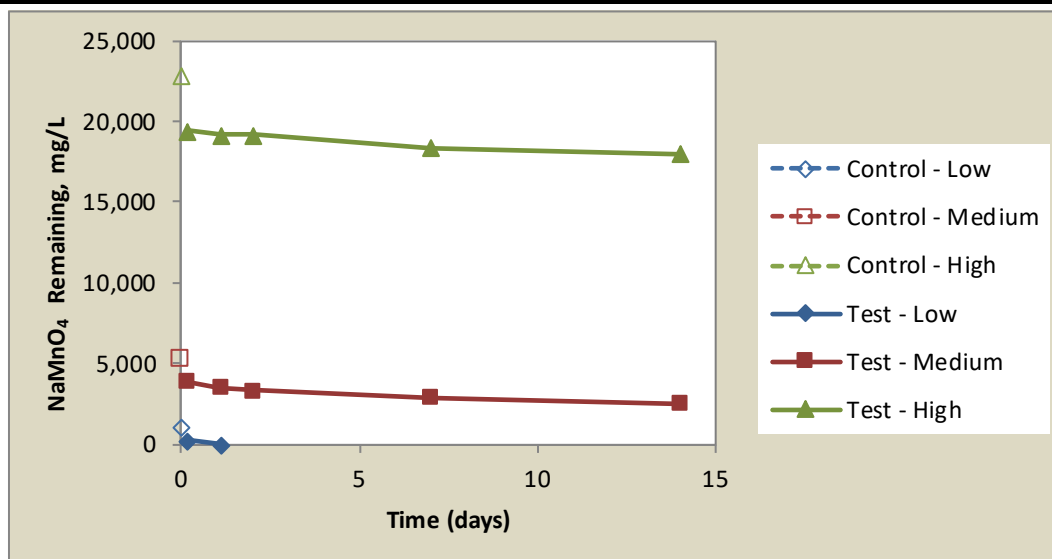


Figure 1. NaMnO₄ SOD/Persistence.



Table 5. COC Removal Results: Target VOCs.

Analyte	Units	Time 0	Process Control		NaMnO4 Low (0.9 g/L)		NaMnO4 Med (1.2 g/L)		NaMnO4 High (1.5 g/L)	
			Day 7	Day 28	Day 7	Day 28	Day 7	Day 28	Day 7	Day 28
Target VOCs in water										
Vinyl chloride	µg/L	18 J	19 J	24 J	< 0.06	< 0.1	< 0.06	< 0.1	< 0.06	< 0.1
1,1-Dichloroethene	µg/L	< 11	< 9	< 5.3	< 0.09	< 0.1	< 0.09	< 0.1	< 0.09	< 0.1
trans-Dichloroethene	µg/L	< 12	< 11	< 6.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
cis-Dichloroethene	µg/L	370	230	300	< 0.06	< 0.1	< 0.06	< 0.1	< 0.06	< 0.1
Trichloroethene	µg/L	260	160	210	< 0.05	< 0.1	< 0.05	< 0.1	< 0.05	< 0.1
Tetrachloroethene	µg/L	6,600	4,000	6,000	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.2
Target VOCs in soil										
Vinyl chloride	µg/kg	< 0.7	< 99	< 100	< 1.0	< 1.3	< 1.0	< 1.3	< 1.0	< 1.3
1,1-Dichloroethene	µg/kg	< 0.4	< 82	< 82	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-Dichloroethene	µg/kg	< 0.4	< 16	< 16	< 0.7	< 1.1	< 0.7	< 1.1	< 0.7	< 1.1
cis-Dichloroethene	µg/kg	7.0	29 J	31 J	< 0.6	< 0.8	0.6 J	< 0.8	< 0.6	< 0.8
Trichloroethene	µg/kg	8.9	< 42	< 42	< 0.7	< 1.2	< 0.7	< 1.2	< 0.7	< 1.2
Tetrachloroethene	µg/kg	700	1,200	1,500	20	0.9 J,b	16	0.7 J,b	2.7 J	0.7 J,b

J = estimated value

b = high response was observed for CCV; the analyte was not detected at or above the RL



Table 6. COC Removal Results: Mass Balance.

Analyte	Process Control		NaMnO4 Low (0.9 g/L)		NaMnO4 Med (1.2 g/L)		NaMnO4 High (1.5 g/L)	
	Day 7	Day 28	Day 7	Day 28	Day 7	Day 28	Day 7	Day 28
<i>Percent of Total Remaining in Water (Relative to Time 0)</i>								
Vinyl chloride	106	133	< 0.33	< 0.56	< 0.33	< 0.56	< 0.33	< 0.56
cis-Dichloroethene	62	81	< 0.016	< 0.027	< 0.016	< 0.027	< 0.016	< 0.027
Trichloroethene	61	80	< 0.019	< 0.038	< 0.019	< 0.038	< 0.019	< 0.038
Tetrachloroethene	58	88	< 0.0015	< 0.0029	< 0.0015	< 0.0029	< 0.0015	< 0.0029
<i>Percent of Total Remaining in Soil (Relative to Time 0)</i>								
Vinyl chloride	0-100	0-100	< 2.0	< 2.6	< 2.0	< 2.6	< 2.0	< 2.6
cis-Dichloroethene	2.8	3.1	< 0.058	< 0.079	0.058	< 0.079	< 0.057	< 0.079
Trichloroethene	< 5.7	< 6.0	< 0.095	< 0.17	< 0.097	< 0.17	< 0.095	< 0.17
Tetrachloroethene	6.3	8.3	0.10	0.0048	0.085	0.0038	0.014	0.0037
<i>Percent Removed (Relative to Time 0)</i>								
Vinyl chloride	0-100	0-100	> 98	> 97	> 98	> 97	> 98	> 97
cis-Dichloroethene	35	16	> 99.9	> 99.9	99.93	> 99.9	> 99.9	> 99.9
Trichloroethene	33 - 39	14 - 20	> 99.9	> 99.8	> 99.9	> 99.8	> 99.9	> 99.8
Tetrachloroethene	35	4.1	99.9	99.995	99.92	99.996	99.99	99.96



Table 7. COC Removal Results: Non-target VOCs and Secondary Parameters.

Analyte	Units	Time 0	Process Control		NaMnO4 Low (0.9 g/L)		NaMnO4 Med (1.2 g/L)		NaMnO4 High (1.5 g/L)	
			Day 7	Day 28	Day 7	Day 28	Day 7	Day 28	Day 7	Day 28
Non-Target VOCs in water										
Acetone	µg/L	< 1,400	< 500	< 680	25	58	37	61	50	73
2-Butanone	µg/L	< 130	< 150	< 66	1.8 J	6.2	3.0 J	6.5	4.2 J	5.9
Benzene	µg/L	< 13	< 3.3	< 6.6	0.05 J	< 0.1	0.07 J	< 0.1	0.07 J	< 0.1
Toluene	µg/L	< 12	< 5.7	< 6.0	0.07 J	0.1 J	< 0.06	< 0.1	< 0.06	< 0.1
Chlorobenzene	µg/L	< 12	< 8.7	< 6.2	0.2 J	0.2 J	0.2 J	0.2 J	0.2 J	0.2 J
Other Parameters										
Dissolved Chromium	µg/L	< 0.61	< 3.4	< 0.58	76 J	190 J	100 J	210 J	130 J	250
Dissolved Manganese	µg/L	47	57 J	77	42,000	42000	80,000	97000	130,000	160,000
Moisture Content	%-dry	22.70	24.1	30.1	23.1	26.3	25.1	26.5	22.5	26.2
ORP	mV	-164	32	-45	588	574	596	590	602	597
pH	--	7.99	7.71	7.89	7.98	8.18	8.01	8.19	7.96	8.15
Sodium Permanganate	mg/L	n.a.	n.a.	n.a.	414	150	650	380	900	750

J = estimated value



Figure 2. COC Removal Reactors – Day 28. *From left: Control, NaMnO₄-Low Dose, NaMnO₄-Med Dose, NaMnO₄-High Dose.*



4.0 SUMMARY and CONCLUSIONS

Laboratory testing demonstrated that NaMnO_4 can remove PCE, TCE, DCE, and VC from site soil and groundwater. At least 99.9% of each compound was removed within 7 days when the dose of NaMnO_4 was 0.9 g/L NaMnO_4 (2,700 mg NaMnO_4 /kg soil), which was 0.75x the measured SOD value of 3,600 mg NaMnO_4 /kg soil.

Treatment mobilized up to 250 $\mu\text{g/L}$ dissolved chromium, which, based on PRIMA's professional judgement, was assumed to be present as Cr(VI). This condition is due to the oxidizing nature of NaMnO_4 which can oxidize Cr(III) to Cr(VI). The ability of the dissolved chromium to attenuate was not evaluated in this study.



APPENDIX A (Chains of Custody)



5070 Robert J Mathews Parkway, Suite 300
 El Dorado Hills, CA 95762
 916-939-7300
 www.primaenvironmental.com

Sample Receipt Summary

Date/Time: 11/20/2025 @ 9:45

Client/Company: Sound Earth

Project: Hearth Stone

	Yes	No	N/A
Custody seals intact?	☐	☐	☒
Chain of custody Present?	☒	☐	☐
If no, list number of samples and Sample ID			

Ice present?	☒	☐	☐
If no, what is temperature? _____			

Samples in good condition?	☒	☐	☐
If no, explain:			

3 jars arrived broken.

Sealed soil in separate jar in case it's needed.

Other jars in good condition

Do sample IDs on containers match IDs on COC?	☒	☐	☐
If no, explain:			

Other Comments:



Project Manager: Levi Fernandes & Linnea Coleman
Company: SoundEarth Strategies, Inc
Phone: 206-306-1900
Email: lfernandes@soundearthinc.com & lcoleman@soundearthinc.com

Project Name Plastic Sales & Service Site
Project Number 0651-002
TAT Standard
Sampler Signature [Signature]

SAMPLE ID	Date	Time	Matrix	# Containers	Analysis or Proposal Description/Date										Comments				
✓ 0651-002-B38-B41-SOIL	11/13/25	1200	SOIL	12	X														
<i>[Handwritten: LGI 11/19/25]</i>																			
Special Instructions					Relinquished by:					Received by:									
					Company <u>Sound Earth Strategies</u>					Date <u>11/19/25</u>					Company <u>PRIMA Env</u> <u>11/20/25</u>				
					Printed Name <u>Linnea Coleman</u>					Time <u>1400</u>					Printed Name <u>Mariah Flickinger</u> <u>9:45</u>				
					Signature <u>[Signature]</u>										Signature <u>[Signature]</u>				
					Relinquished by:					Received by:									
					Company					Date					Company				
					Printed Name					Time					Printed Name				
					Signature										Signature				



5070 Robert J Mathews Parkway, Suite 300
El Dorado Hills, CA 95762
916-939-7300
www.primaenvironmental.com

Sample Receipt Summary

Date/Time: Nov 24, 2025 1526

Client/Company: Sound Earth

Project: Hearthstone (Plastic Sales & Service)

	Yes	No	N/A
Custody seals intact?	☐	☐	☒
Chain of custody Present?	☒	☐	☐
If no, list number of samples and Sample ID			

Ice present? <u>Blue ice, solid</u>	☐	☐	☐
If no, what is temperature? <u>41 F</u>			

Samples in good condition?	☐	☒	☐
If no, explain:			

2 bottles broken:
1 IW 70
1 IW 72

Do sample IDs on containers match IDs on COC?	☒	☐	☐
If no, explain:			

Other Comments:

Project Manager: Levi Fernandes & Linnea Coleman
Company: SoundEarth Strategies, Inc
Phone: 206-306-1900
Email: lfernandes@soundearthinc.com & lcoleman@soundearthinc.com

Project Name Plastic Sales & Service Site
Project Number 0651-002
TAT Standard
Sampler Signature *Linnea Coleman*

SAMPLE ID	Date	Time	Analysis or Proposal Description/Date		Comments
			Matrix	# Containers	
IW69-20251120	11/20/25	1300	W	4	X
IW70-20251120	↓	1205	↓	↓	X
IW71-20251120	↓	1045	↓	↓	X
IW72-20251120	↓	0900	↓	↓	X
<i>Levi</i> 11/20/25					
Special Instructions			Relinquished by:		Received by:
			Company <u>SoundEarth</u>		Date <u>11/25/25</u>
			Printed Name <u>Linnea Coleman</u>		Time <u>1228</u>
			Signature <u><i>Linnea Coleman</i></u>		
			Relinquished by:		Received by:
			Company _____		Date <u>11/26/25</u>
			Printed Name _____		Time <u>1526</u>
			Signature _____		
			Company <u>PRIMA</u>		Date _____
			Printed Name <u>Eindy Schreier</u>		Time _____
			Signature <u><i>Eindy Schreier</i></u>		



APPENDIX B

(Subcontracted Analytical Reports)



Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 548118
Report Level : II
Report Date : 12/09/2025

Analytical Report *prepared for:*

Cindy Schreier
Prima Environmental, Inc.
5070 Robert J. Mathews Pkwy
Suite 300
El Dorado Hills, CA 95762

Location: SES - HearthStone

Authorized for release by:

John Goyette, Service Center Manager
(510) 204-2233 Ext 13112
john.goyette@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197



Sample Summary

Cindy Schreier
Prima Environmental, Inc.
5070 Robert J. Mathews
Pkwy
Suite 300
El Dorado Hills, CA 95762

Lab Job #: 548118
Location: SES - HearthStone
Date Received: 12/02/25

Sample ID	Lab ID	Collected	Matrix
SES-HEARTH UNT GW	548118-001	12/01/25 13:00	Water
SES-HEARTH UNT SO	548118-002	12/01/25 09:20	Soil

Case Narrative

Prima Environmental, Inc.
5070 Robert J. Mathews Pkwy
Suite 300
El Dorado Hills, CA 95762
Cindy Schreier

Lab Job Number: 548118
Location: SES -
HearthStone
Date Received: 12/02/25

This data package contains sample and QC results for one soil sample and one water sample, requested for the above referenced project on 12/02/25. The samples were received in good condition.

Volatile Organics by GC/MS (EPA 8260B) Water:

- Low recoveries were observed for benzene and MTBE in the MS for batch 389126; the parent sample was not a project sample, the BS/BSD were within limits, and the associated RPDs were within limits.
- No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B) Soil:

No analytical problems were encountered.

Metals (EPA 6020) Soil:

No analytical problems were encountered.

Metals (EPA 6020) Filtrate:

No analytical problems were encountered.

Ion Chromatography (EPA 300.0):

No analytical problems were encountered.

Alkalinity (SM2320B):

No analytical problems were encountered.

SAMPLE RECEIPT CHECKLIST



Section 1: General Info

Date Received: 12/02/25 WO# 548118 Client: Prima Environmental, Inc.

Section 2: Shipping / Custody

Are custody seals present? ☐ Yes ☒ No

Custody seals intact on arrival? ☒ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

☐ Courier ☐ Walk-In ☐ Field Sampling ☒ Shipping Info: FedEx

Section 3a: Condition / Packaging

☐ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)

Date Opened 12/02/25 By (initials) JXR

Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): / Thermometer/IR Gun: IR15 CF: +0.4

Cooler Temp (°C) #1: 2.7 / 3.1 #2: / #3: / #4: / #5: / #6: /

Section 3b: Microbiology Samples

☒ No microbiology samples submitted (skip 3b)

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples

☒ No air samples submitted (skip 3c)

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other

Section 4: Containers / Labels / Samples

YES NO N/A

1) Were custody papers present, filled properly, and legible?

x

2) Is the sampler's name present on the CoC?

x

3) Were containers received in good condition (unbroken / unopened / uncompromised)?

x

4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)

x

5) Were all of, and only, the correct samples received?

x

6) Are sample labels present, legible, and in agreement with the CoC?

x

7) Does the container count match the CoC?

x

8) Was sufficient sample volume / mass received for the analyses requested?

x

9) Were samples received in proper containers for the analyses requested?

x

10) Were samples received with > 1/2 holding time remaining?

x

11) Are samples properly preserved as indicated by CoC / labels?

x

12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?

x

13) Are VOA vials free from headspace/bubbles > 6mm?

x

Section 5: Explanations / Comments

(If no comments are made, then no discrepancies noted.)

☐ No additional discrepancies

Date Logged 12/02/25 By (print) FPD (sign)

Date Labeled 12/02/25 By (print) FPD (sign)

ORIGIN ID:MHRA (916) 939-7300
CINDY SCHREIER
PRIMA ENVIRONMENTAL, INC.
5070 ROBERT J. MATHEWS PKWY
SUITE 300
EL DORADO HILLS, CA 95762
UNITED STATES US

TO **SAMPLE RECEIVING**
ENTHALPY ANALYTICAL
931 WEST BARKLEY AVE

ORANGE CA 92868

(714) 771-6900 REF: SES-HEARTH
INV: PO: DEPT:



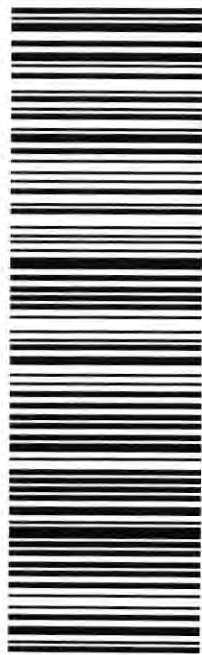
FedEx Express
J254025092A01UV

TUE - 02 DEC 12:00P
PRIORITY OVERNIGHT

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92 APVA

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2. Place label in shipping pouch and affix it to your shipment.
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Analysis Results for 548118

Cindy Schreier
Prima Environmental, Inc.
5070 Robert J. Mathews Pkwy
Suite 300
El Dorado Hills, CA 95762

Lab Job #: 548118
Location: SES - HearthStone
Date Received: 12/02/25

Sample ID: SES-HEARTH UNT GW

Lab ID: 548118-001

Collected: 12/01/25 13:00

548118-001 Analyte	Result	Qual	Units	RL	MDL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD											
Chloride	12		mg/L	1.0	0.26	Water	1	388919	12/02/25 14:03	12/02/25 14:45	KUM
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	Water	1	388919	12/02/25 14:03	12/02/25 14:45	KUM
Sulfate	37		mg/L	1.0	0.18	Water	1	388919	12/02/25 14:03	12/02/25 14:45	KUM
Method: EPA 6020 Prep Method: EPA 3015A											
Chromium	ND		ug/L	50	4.0	Filtrate	10	389154	12/04/25	12/04/25	KAM
Manganese	66	J	ug/L	100	43	Filtrate	10	389154	12/04/25	12/04/25	KAM
Method: EPA 8260B Prep Method: EPA 5030B											
Freon 12	ND		ug/L	0.5	0.2	Water	1	389126	12/04/25	12/04/25	TCN
Chloromethane	ND		ug/L	0.5	0.1	Water	1	389126	12/04/25	12/04/25	TCN
Vinyl Chloride	28		ug/L	0.5	0.1	Water	1	389126	12/04/25	12/04/25	TCN
Bromomethane	ND		ug/L	1.0	0.3	Water	1	389126	12/04/25	12/04/25	TCN
Chloroethane	ND		ug/L	0.5	0.05	Water	1	389126	12/04/25	12/04/25	TCN
Trichlorofluoromethane	ND		ug/L	0.5	0.08	Water	1	389126	12/04/25	12/04/25	TCN
Acetone	ND		ug/L	20	8.8	Water	1	389126	12/04/25	12/04/25	TCN
Freon 113	ND		ug/L	0.5	0.1	Water	1	389126	12/04/25	12/04/25	TCN
1,1-Dichloroethene	4.5		ug/L	0.5	0.1	Water	1	389126	12/04/25	12/04/25	TCN
Methylene Chloride	ND		ug/L	10	0.2	Water	1	389126	12/04/25	12/04/25	TCN
MTBE	ND		ug/L	0.5	0.1	Water	1	389126	12/04/25	12/04/25	TCN
trans-1,2-Dichloroethene	0.6		ug/L	0.5	0.1	Water	1	389126	12/04/25	12/04/25	TCN
1,1-Dichloroethane	ND		ug/L	0.5	0.07	Water	1	389126	12/04/25	12/04/25	TCN
2-Butanone	ND		ug/L	5.0	0.9	Water	1	389126	12/04/25	12/04/25	TCN
cis-1,2-Dichloroethene	410		ug/L	50	9.2	Water	100	389126	12/04/25	12/04/25	ZXL
2,2-Dichloropropane	ND		ug/L	0.5	0.09	Water	1	389126	12/04/25	12/04/25	TCN
Chloroform	ND		ug/L	0.5	0.07	Water	1	389126	12/04/25	12/04/25	TCN
Bromochloromethane	ND		ug/L	0.5	0.1	Water	1	389126	12/04/25	12/04/25	TCN
1,1,1-Trichloroethane	ND		ug/L	0.5	0.03	Water	1	389126	12/04/25	12/04/25	TCN
1,1-Dichloropropene	ND		ug/L	0.5	0.08	Water	1	389126	12/04/25	12/04/25	TCN
Carbon Tetrachloride	ND		ug/L	0.5	0.07	Water	1	389126	12/04/25	12/04/25	TCN
1,2-Dichloroethane	ND		ug/L	0.5	0.09	Water	1	389126	12/04/25	12/04/25	TCN
Benzene	0.07	J	ug/L	0.5	0.07	Water	1	389126	12/04/25	12/04/25	TCN
Trichloroethene	330		ug/L	50	4.6	Water	100	389126	12/04/25	12/04/25	ZXL
1,2-Dichloropropane	0.2	J	ug/L	0.5	0.07	Water	1	389126	12/04/25	12/04/25	TCN
Bromodichloromethane	ND		ug/L	0.5	0.05	Water	1	389126	12/04/25	12/04/25	TCN
Dibromomethane	ND		ug/L	0.5	0.1	Water	1	389126	12/04/25	12/04/25	TCN
4-Methyl-2-Pentanone	1.1	J	ug/L	5.0	0.5	Water	1	389126	12/04/25	12/04/25	TCN
cis-1,3-Dichloropropene	ND		ug/L	0.5	0.08	Water	1	389126	12/04/25	12/04/25	TCN

Analysis Results for 548118

548118-001 Analyte	Result	Qual	Units	RL	MDL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Toluene	0.7		ug/L	0.5	0.05	Water	1	389126	12/04/25	12/04/25	TCN
trans-1,3-Dichloropropene	ND		ug/L	0.5	0.03	Water	1	389126	12/04/25	12/04/25	TCN
1,1,2-Trichloroethane	ND		ug/L	0.5	0.06	Water	1	389126	12/04/25	12/04/25	TCN
1,3-Dichloropropane	ND		ug/L	0.5	0.1	Water	1	389126	12/04/25	12/04/25	TCN
Tetrachloroethene	7,700		ug/L	50	8.5	Water	100	389126	12/04/25	12/04/25	ZXL
Dibromochloromethane	ND		ug/L	0.5	0.07	Water	1	389126	12/04/25	12/04/25	TCN
1,2-Dibromoethane	ND		ug/L	0.5	0.07	Water	1	389126	12/04/25	12/04/25	TCN
Chlorobenzene	0.3	J	ug/L	0.5	0.05	Water	1	389126	12/04/25	12/04/25	TCN
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	0.06	Water	1	389126	12/04/25	12/04/25	TCN
Ethylbenzene	0.2	J	ug/L	0.5	0.04	Water	1	389126	12/04/25	12/04/25	TCN
m,p-Xylenes	1.2		ug/L	1.0	0.1	Water	1	389126	12/04/25	12/04/25	TCN
o-Xylene	0.8		ug/L	0.5	0.06	Water	1	389126	12/04/25	12/04/25	TCN
Styrene	ND		ug/L	0.5	0.06	Water	1	389126	12/04/25	12/04/25	TCN
Bromoform	ND		ug/L	1.0	0.08	Water	1	389126	12/04/25	12/04/25	TCN
Propylbenzene	ND		ug/L	0.5	0.05	Water	1	389126	12/04/25	12/04/25	TCN
Isopropylbenzene	ND		ug/L	0.5	0.06	Water	1	389126	12/04/25	12/04/25	TCN
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	0.06	Water	1	389126	12/04/25	12/04/25	TCN
1,2,3-Trichloropropane	ND		ug/L	0.5	0.09	Water	1	389126	12/04/25	12/04/25	TCN
Bromobenzene	ND		ug/L	1.0	0.06	Water	1	389126	12/04/25	12/04/25	TCN
1,3,5-Trimethylbenzene	ND		ug/L	0.5	0.08	Water	1	389126	12/04/25	12/04/25	TCN
2-Chlorotoluene	ND		ug/L	0.5	0.07	Water	1	389126	12/04/25	12/04/25	TCN
4-Chlorotoluene	ND		ug/L	0.5	0.08	Water	1	389126	12/04/25	12/04/25	TCN
tert-Butylbenzene	ND		ug/L	0.5	0.07	Water	1	389126	12/04/25	12/04/25	TCN
1,2,4-Trimethylbenzene	0.6		ug/L	0.5	0.07	Water	1	389126	12/04/25	12/04/25	TCN
sec-Butylbenzene	ND		ug/L	0.5	0.06	Water	1	389126	12/04/25	12/04/25	TCN
para-Isopropyl Toluene	ND		ug/L	0.5	0.05	Water	1	389126	12/04/25	12/04/25	TCN
1,3-Dichlorobenzene	ND		ug/L	0.5	0.06	Water	1	389126	12/04/25	12/04/25	TCN
1,4-Dichlorobenzene	ND		ug/L	0.5	0.07	Water	1	389126	12/04/25	12/04/25	TCN
n-Butylbenzene	0.1	J	ug/L	0.5	0.08	Water	1	389126	12/04/25	12/04/25	TCN
1,2-Dichlorobenzene	ND		ug/L	0.5	0.04	Water	1	389126	12/04/25	12/04/25	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	0.3	Water	1	389126	12/04/25	12/04/25	TCN
1,2,4-Trichlorobenzene	ND		ug/L	0.5	0.1	Water	1	389126	12/04/25	12/04/25	TCN
Hexachlorobutadiene	ND		ug/L	2.0	0.06	Water	1	389126	12/04/25	12/04/25	TCN
Naphthalene	1.3	J	ug/L	2.0	0.3	Water	1	389126	12/04/25	12/04/25	TCN
1,2,3-Trichlorobenzene	ND		ug/L	0.5	0.09	Water	1	389126	12/04/25	12/04/25	TCN
Isopropyl Ether (DIPE)	ND		ug/L	0.5	0.07	Water	1	389126	12/04/25	12/04/25	TCN
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	0.5	0.1	Water	1	389126	12/04/25	12/04/25	TCN
tert-Butyl Alcohol (TBA)	ND		ug/L	10	3.1	Water	1	389126	12/04/25	12/04/25	TCN
Methyl tert-Amyl Ether (TAME)	ND		ug/L	0.5	0.1	Water	1	389126	12/04/25	12/04/25	TCN
Xylene (total)	2.0		ug/L	0.5		Water	1	389126	12/04/25	12/04/25	TCN

Surrogates

Limits

Dibromofluoromethane	82%	%REC	70-130		Water	1	389126	12/04/25	12/04/25	TCN
1,2-Dichloroethane-d4	93%	%REC	70-130		Water	1	389126	12/04/25	12/04/25	TCN
Toluene-d8	109%	%REC	70-130		Water	1	389126	12/04/25	12/04/25	TCN
Bromofluorobenzene	95%	%REC	70-130		Water	1	389126	12/04/25	12/04/25	TCN

Method: SM2320B

Prep Method: METHOD

Alkalinity, Bicarbonate, as CaCO3	250		mg/L	13		Water	2.5	389165	12/04/25	12/04/25	ARM
Alkalinity, Carbonate, as CaCO3	ND		mg/L	13		Water	2.5	389165	12/04/25	12/04/25	ARM

Analysis Results for 548118

548118-001 Analyte	Result	Qual	Units	RL	MDL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Alkalinity, Hydroxide, as CaCO ₃	ND		mg/L	13		Water	2.5	389165	12/04/25	12/04/25	ARM
Alkalinity, Total as CaCO ₃	250		mg/L	13		Water	2.5	389165	12/04/25	12/04/25	ARM

Analysis Results for 548118

Sample ID: SES-HEARTH UNT SO	Lab ID: 548118-002	Collected: 12/01/25 09:20
	Matrix: Soil	

548118-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6020										
Prep Method: EPA 3050B										
Chromium	21		mg/Kg	1.9	0.78	0.95	389005	12/03/25	12/03/25	DXC
Manganese	200		mg/Kg	2.9	0.76	0.95	389005	12/03/25	12/03/25	DXC
Method: EPA 8260B										
Prep Method: EPA 5030B										
Freon 12	ND		ug/Kg	5.0	0.5	1	388881	12/03/25	12/03/25	LYZ
Chloromethane	ND		ug/Kg	5.0	0.7	1	388881	12/03/25	12/03/25	LYZ
Vinyl Chloride	ND		ug/Kg	5.0	0.7	1	388881	12/03/25	12/03/25	LYZ
Bromomethane	ND		ug/Kg	5.0	0.9	1	388881	12/03/25	12/03/25	LYZ
Chloroethane	ND		ug/Kg	5.0	0.6	1	388881	12/03/25	12/03/25	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.0	0.7	1	388881	12/03/25	12/03/25	LYZ
Acetone	ND		ug/Kg	100	9.0	1	388881	12/03/25	12/03/25	LYZ
Freon 113	ND		ug/Kg	5.0	0.7	1	388881	12/03/25	12/03/25	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	0.4	1	388881	12/03/25	12/03/25	LYZ
Methylene Chloride	ND		ug/Kg	20		1	388881	12/03/25	12/03/25	LYZ
MTBE	ND		ug/Kg	5.0	0.4	1	388881	12/03/25	12/03/25	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	0.5	1	388881	12/03/25	12/03/25	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	0.3	1	388881	12/03/25	12/03/25	LYZ
2-Butanone	ND		ug/Kg	100	2.5	1	388881	12/03/25	12/03/25	LYZ
cis-1,2-Dichloroethene	6.9		ug/Kg	5.0	0.5	1	388881	12/03/25	12/03/25	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	0.8	1	388881	12/03/25	12/03/25	LYZ
Chloroform	ND		ug/Kg	5.0	0.4	1	388881	12/03/25	12/03/25	LYZ
Bromochloromethane	ND		ug/Kg	5.0	0.6	1	388881	12/03/25	12/03/25	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	0.5	1	388881	12/03/25	12/03/25	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	0.4	1	388881	12/03/25	12/03/25	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	0.3	1	388881	12/03/25	12/03/25	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	0.4	1	388881	12/03/25	12/03/25	LYZ
Benzene	ND		ug/Kg	5.0	0.4	1	388881	12/03/25	12/03/25	LYZ
Trichloroethene	4.6	J	ug/Kg	5.0	0.7	1	388881	12/03/25	12/03/25	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.0	0.5	1	388881	12/03/25	12/03/25	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	0.6	1	388881	12/03/25	12/03/25	LYZ
Dibromomethane	ND		ug/Kg	5.0	0.6	1	388881	12/03/25	12/03/25	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	0.9	1	388881	12/03/25	12/03/25	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	0.8	1	388881	12/03/25	12/03/25	LYZ
Toluene	ND		ug/Kg	5.0	0.5	1	388881	12/03/25	12/03/25	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	0.7	1	388881	12/03/25	12/03/25	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	0.4	1	388881	12/03/25	12/03/25	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	0.7	1	388881	12/03/25	12/03/25	LYZ
Tetrachloroethene	200		ug/Kg	5.0	0.5	1	388881	12/03/25	12/03/25	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	0.7	1	388881	12/03/25	12/03/25	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	0.4	1	388881	12/03/25	12/03/25	LYZ
Chlorobenzene	ND		ug/Kg	5.0	0.3	1	388881	12/03/25	12/03/25	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	0.4	1	388881	12/03/25	12/03/25	LYZ
Ethylbenzene	ND		ug/Kg	5.0	0.4	1	388881	12/03/25	12/03/25	LYZ
m,p-Xylenes	ND		ug/Kg	10	0.6	1	388881	12/03/25	12/03/25	LYZ
o-Xylene	ND		ug/Kg	5.0	0.6	1	388881	12/03/25	12/03/25	LYZ

Analysis Results for 548118

548118-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Styrene	ND		ug/Kg	5.0	0.4	1	388881	12/03/25	12/03/25	LYZ
Bromoform	ND		ug/Kg	5.0	0.9	1	388881	12/03/25	12/03/25	LYZ
Isopropylbenzene	ND		ug/Kg	5.0	0.6	1	388881	12/03/25	12/03/25	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1.0	1	388881	12/03/25	12/03/25	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1.1	1	388881	12/03/25	12/03/25	LYZ
Propylbenzene	ND		ug/Kg	5.0	0.6	1	388881	12/03/25	12/03/25	LYZ
Bromobenzene	ND		ug/Kg	5.0	0.5	1	388881	12/03/25	12/03/25	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	0.5	1	388881	12/03/25	12/03/25	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	0.6	1	388881	12/03/25	12/03/25	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	0.5	1	388881	12/03/25	12/03/25	LYZ
tert-Butylbenzene	ND		ug/Kg	5.0	0.7	1	388881	12/03/25	12/03/25	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	0.5	1	388881	12/03/25	12/03/25	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	0.5	1	388881	12/03/25	12/03/25	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	0.5	1	388881	12/03/25	12/03/25	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	0.3	1	388881	12/03/25	12/03/25	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	0.5	1	388881	12/03/25	12/03/25	LYZ
n-Butylbenzene	ND		ug/Kg	5.0	0.6	1	388881	12/03/25	12/03/25	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	0.3	1	388881	12/03/25	12/03/25	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1.4	1	388881	12/03/25	12/03/25	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	0.6	1	388881	12/03/25	12/03/25	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	0.5	1	388881	12/03/25	12/03/25	LYZ
Naphthalene	ND		ug/Kg	5.0	0.6	1	388881	12/03/25	12/03/25	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	0.4	1	388881	12/03/25	12/03/25	LYZ
Xylene (total)	ND		ug/Kg	5.0		1	388881	12/03/25	12/03/25	LYZ
Surrogates	Limits									
Dibromofluoromethane	106%		%REC	70-130		1	388881	12/03/25	12/03/25	LYZ
1,2-Dichloroethane-d4	111%		%REC	70-130		1	388881	12/03/25	12/03/25	LYZ
Toluene-d8	97%		%REC	70-130		1	388881	12/03/25	12/03/25	LYZ
Bromofluorobenzene	99%		%REC	70-130		1	388881	12/03/25	12/03/25	LYZ

J Estimated value
ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1318498	Batch: 388919
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1318498 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chloride	ND		mg/L	1.0	0.26	12/02/25 14:03	12/02/25 14:06
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	12/02/25 14:03	12/02/25 14:06
Sulfate	ND		mg/L	1.0	0.18	12/02/25 14:03	12/02/25 14:06

Type: Lab Control Sample	Lab ID: QC1318499	Batch: 388919
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1318499 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chloride	49.00	50.00	mg/L	98%		90-110
Nitrogen, Nitrate	4.650	4.518	mg/L	103%		90-110
Sulfate	25.82	25.00	mg/L	103%		90-110

Type: Matrix Spike	Lab ID: QC1318500	Batch: 388919
Matrix (Source ID): Water (548118-001)	Method: EPA 300.0	Prep Method: METHOD

QC1318500 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chloride	116.1	12.00	100.0	mg/L	104%		80-123	1
Nitrogen, Nitrate	9.390	ND	9.036	mg/L	104%		80-123	1
Sulfate	86.24	36.56	50.00	mg/L	99%		79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1318501	Batch: 388919
Matrix (Source ID): Water (548118-001)	Method: EPA 300.0	Prep Method: METHOD

QC1318501 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Chloride	115.8	12.00	100.0	mg/L	104%		80-123	0	20	1
Nitrogen, Nitrate	9.366	ND	9.036	mg/L	104%		80-123	0	20	1
Sulfate	86.09	36.56	50.00	mg/L	99%		79-124	0	20	1

Type: Blank	Lab ID: QC1319216	Batch: 389154
Matrix: Water	Method: EPA 6020	Prep Method: EPA 3015A

QC1319216 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chromium	ND		ug/L	5.0	0.34	12/04/25	12/05/25
Manganese	ND		ug/L	10	1.7	12/04/25	12/05/25

Type: Lab Control Sample	Lab ID: QC1319217	Batch: 389154
Matrix: Water	Method: EPA 6020	Prep Method: EPA 3015A

QC1319217 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chromium	99.70	100.0	ug/L	100%		80-120
Manganese	99.00	100.0	ug/L	99%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1319221	Batch: 389154
Matrix (Source ID): Water (548195-001)	Method: EPA 6020	Prep Method: EPA 3015A

QC1319221 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chromium	109.5	14.53	100.0	ug/L	95%		75-125	10
Manganese	567.2	475.4	100.0	ug/L	92%	NM	75-125	10

Type: Matrix Spike Duplicate	Lab ID: QC1319222	Batch: 389154
Matrix (Source ID): Water (548195-001)	Method: EPA 6020	Prep Method: EPA 3015A

QC1319222 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chromium	112.9	14.53	100.0	ug/L	98%		75-125	3	20	10
Manganese	593.5	475.4	100.0	ug/L	118%	NM	75-125	5	20	10

Type: Blank	Lab ID: QC1318724	Batch: 389005
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1318724 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chromium	ND		mg/Kg	1.0	0.82	12/03/25	12/03/25
Manganese	ND		mg/Kg	3.0	0.80	12/03/25	12/03/25

Type: Lab Control Sample	Lab ID: QC1318725	Batch: 389005
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1318725 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chromium	102.8	100.0	mg/Kg	103%		80-120
Manganese	104.8	100.0	mg/Kg	105%		80-120

Type: Matrix Spike	Lab ID: QC1318726	Batch: 389005
Matrix (Source ID): Soil (548118-002)	Method: EPA 6020	Prep Method: EPA 3050B

QC1318726 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chromium	120.8	20.86	98.04	mg/Kg	102%		75-125	0.98
Manganese	306.1	204.5	98.04	mg/Kg	104%		75-125	0.98

Type: Matrix Spike Duplicate	Lab ID: QC1318727	Batch: 389005
Matrix (Source ID): Soil (548118-002)	Method: EPA 6020	Prep Method: EPA 3050B

QC1318727 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chromium	118.6	20.86	97.09	mg/Kg	101%		75-125	1	20	0.97
Manganese	311.2	204.5	97.09	mg/Kg	110%		75-125	2	30	0.97

Batch QC

Type: Post Digest Spike	Lab ID: QC1318728	Batch: 389005
Matrix (Source ID): Soil (548118-002)	Method: EPA 6020	Prep Method: EPA 3050B

QC1318728 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chromium	116.8	20.86	95.24	mg/Kg	101%		75-125	0.95
Manganese	298.4	204.5	95.24	mg/Kg	99%		75-125	0.95

Type: Serial Dilution	Lab ID: QC1318848	Batch: 389005
Matrix (Source ID): Soil (548118-002)	Method: EPA 6020	Prep Method: EPA 3050B

QC1318848 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Chromium	20.34	20.86	mg/Kg				4.8
Manganese	207.8	204.5	mg/Kg				4.8

Type: Lab Control Sample	Lab ID: QC1319108	Batch: 389126
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1319108 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	48.51	50.00	ug/L	97%		69-128
MTBE	40.54	50.00	ug/L	81%		66-125
Benzene	42.11	50.00	ug/L	84%		76-121
Trichloroethene	48.51	50.00	ug/L	97%		76-124
Toluene	47.82	50.00	ug/L	96%		76-120
Chlorobenzene	48.81	50.00	ug/L	98%		78-120
Surrogates						
Dibromofluoromethane	44.31	50.00	ug/L	89%		70-130
1,2-Dichloroethane-d4	48.29	50.00	ug/L	97%		70-130
Toluene-d8	52.73	50.00	ug/L	105%		70-130
Bromofluorobenzene	48.76	50.00	ug/L	98%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1319109	Batch: 389126
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1319109 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	45.26	50.00	ug/L	91%		69-128	7	23
MTBE	37.78	50.00	ug/L	76%		66-125	7	22
Benzene	38.60	50.00	ug/L	77%		76-121	9	21
Trichloroethene	45.42	50.00	ug/L	91%		76-124	7	22
Toluene	44.24	50.00	ug/L	88%		76-120	8	21
Chlorobenzene	45.08	50.00	ug/L	90%		78-120	8	20
Surrogates								
Dibromofluoromethane	44.04	50.00	ug/L	88%		70-130		
1,2-Dichloroethane-d4	48.37	50.00	ug/L	97%		70-130		
Toluene-d8	52.77	50.00	ug/L	106%		70-130		
Bromofluorobenzene	48.13	50.00	ug/L	96%		70-130		

Batch QC

Batch QC

Type: Blank	Lab ID: QC1319112	Batch: 389126
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1319112 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Freon 12	ND		ug/L	0.5	0.2	12/04/25	12/04/25
Chloromethane	ND		ug/L	0.5	0.1	12/04/25	12/04/25
Vinyl Chloride	ND		ug/L	0.5	0.1	12/04/25	12/04/25
Bromomethane	ND		ug/L	1.0	0.3	12/04/25	12/04/25
Chloroethane	ND		ug/L	0.5	0.05	12/04/25	12/04/25
Trichlorofluoromethane	ND		ug/L	0.5	0.08	12/04/25	12/04/25
Acetone	ND		ug/L	20	8.8	12/04/25	12/04/25
Freon 113	ND		ug/L	0.5	0.1	12/04/25	12/04/25
1,1-Dichloroethene	ND		ug/L	0.5	0.1	12/04/25	12/04/25
Methylene Chloride	ND		ug/L	10	0.2	12/04/25	12/04/25
MTBE	ND		ug/L	0.5	0.1	12/04/25	12/04/25
trans-1,2-Dichloroethene	ND		ug/L	0.5	0.1	12/04/25	12/04/25
1,1-Dichloroethane	ND		ug/L	0.5	0.07	12/04/25	12/04/25
2-Butanone	ND		ug/L	5.0	0.9	12/04/25	12/04/25
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.09	12/04/25	12/04/25
2,2-Dichloropropane	ND		ug/L	0.5	0.09	12/04/25	12/04/25
Chloroform	ND		ug/L	0.5	0.07	12/04/25	12/04/25
Bromochloromethane	ND		ug/L	0.5	0.1	12/04/25	12/04/25
1,1,1-Trichloroethane	ND		ug/L	0.5	0.03	12/04/25	12/04/25
1,1-Dichloropropene	ND		ug/L	0.5	0.08	12/04/25	12/04/25
Carbon Tetrachloride	ND		ug/L	0.5	0.07	12/04/25	12/04/25
1,2-Dichloroethane	ND		ug/L	0.5	0.09	12/04/25	12/04/25
Benzene	ND		ug/L	0.5	0.07	12/04/25	12/04/25
Trichloroethene	ND		ug/L	0.5	0.05	12/04/25	12/04/25
1,2-Dichloropropane	ND		ug/L	0.5	0.07	12/04/25	12/04/25
Bromodichloromethane	ND		ug/L	0.5	0.05	12/04/25	12/04/25
Dibromomethane	ND		ug/L	0.5	0.1	12/04/25	12/04/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	12/04/25	12/04/25
cis-1,3-Dichloropropene	ND		ug/L	0.5	0.08	12/04/25	12/04/25
Toluene	ND		ug/L	0.5	0.05	12/04/25	12/04/25
trans-1,3-Dichloropropene	ND		ug/L	0.5	0.03	12/04/25	12/04/25
1,1,2-Trichloroethane	ND		ug/L	0.5	0.06	12/04/25	12/04/25
1,3-Dichloropropane	ND		ug/L	0.5	0.1	12/04/25	12/04/25
Tetrachloroethene	ND		ug/L	0.5	0.09	12/04/25	12/04/25
Dibromochloromethane	ND		ug/L	0.5	0.07	12/04/25	12/04/25
1,2-Dibromoethane	ND		ug/L	0.5	0.07	12/04/25	12/04/25
Chlorobenzene	ND		ug/L	0.5	0.05	12/04/25	12/04/25
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	0.06	12/04/25	12/04/25
Ethylbenzene	ND		ug/L	0.5	0.04	12/04/25	12/04/25
m,p-Xylenes	ND		ug/L	1.0	0.1	12/04/25	12/04/25
o-Xylene	ND		ug/L	0.5	0.06	12/04/25	12/04/25
Styrene	ND		ug/L	0.5	0.06	12/04/25	12/04/25
Bromoform	ND		ug/L	1.0	0.08	12/04/25	12/04/25
Propylbenzene	ND		ug/L	0.5	0.05	12/04/25	12/04/25
Isopropylbenzene	ND		ug/L	0.5	0.06	12/04/25	12/04/25
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	0.06	12/04/25	12/04/25
1,2,3-Trichloropropane	ND		ug/L	0.5	0.09	12/04/25	12/04/25

Batch QC

QC1319112 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Bromobenzene	ND		ug/L	1.0	0.06	12/04/25	12/04/25
1,3,5-Trimethylbenzene	ND		ug/L	0.5	0.08	12/04/25	12/04/25
2-Chlorotoluene	ND		ug/L	0.5	0.07	12/04/25	12/04/25
4-Chlorotoluene	ND		ug/L	0.5	0.08	12/04/25	12/04/25
tert-Butylbenzene	ND		ug/L	0.5	0.07	12/04/25	12/04/25
1,2,4-Trimethylbenzene	ND		ug/L	0.5	0.07	12/04/25	12/04/25
sec-Butylbenzene	ND		ug/L	0.5	0.06	12/04/25	12/04/25
para-Isopropyl Toluene	ND		ug/L	0.5	0.05	12/04/25	12/04/25
1,3-Dichlorobenzene	ND		ug/L	0.5	0.06	12/04/25	12/04/25
1,4-Dichlorobenzene	ND		ug/L	0.5	0.07	12/04/25	12/04/25
n-Butylbenzene	ND		ug/L	0.5	0.08	12/04/25	12/04/25
1,2-Dichlorobenzene	ND		ug/L	0.5	0.04	12/04/25	12/04/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	0.3	12/04/25	12/04/25
1,2,4-Trichlorobenzene	ND		ug/L	0.5	0.1	12/04/25	12/04/25
Hexachlorobutadiene	ND		ug/L	2.0	0.06	12/04/25	12/04/25
Naphthalene	ND		ug/L	2.0	0.3	12/04/25	12/04/25
1,2,3-Trichlorobenzene	ND		ug/L	0.5	0.09	12/04/25	12/04/25
Isopropyl Ether (DIPE)	ND		ug/L	0.5	0.07	12/04/25	12/04/25
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	0.5	0.1	12/04/25	12/04/25
tert-Butyl Alcohol (TBA)	ND		ug/L	10	3.1	12/04/25	12/04/25
Methyl tert-Amyl Ether (TAME)	ND		ug/L	0.5	0.1	12/04/25	12/04/25
Xylene (total)	ND		ug/L	0.5		12/04/25	12/04/25
Surrogates	Limits						
Dibromofluoromethane	89%		%REC	70-130		12/04/25	12/04/25
1,2-Dichloroethane-d4	98%		%REC	70-130		12/04/25	12/04/25
Toluene-d8	107%		%REC	70-130		12/04/25	12/04/25
Bromofluorobenzene	98%		%REC	70-130		12/04/25	12/04/25

Type: Matrix Spike	Lab ID: QC1319230	Batch: 389126
Matrix (Source ID): Water (547577-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1319230 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	14.15	ND	20.00	ug/L	71%		62-131	1
MTBE	11.83	ND	20.00	ug/L	59%	*	61-124	1
Benzene	12.19	ND	20.00	ug/L	61%	*	70-123	1
Trichloroethene	14.36	ND	20.00	ug/L	72%		65-131	1
Toluene	14.20	ND	20.00	ug/L	71%		69-120	1
Chlorobenzene	14.56	ND	20.00	ug/L	73%		72-121	1
Surrogates								
Dibromofluoromethane	44.43		50.00	ug/L	89%		70-130	1
1,2-Dichloroethane-d4	49.15		50.00	ug/L	98%		70-130	1
Toluene-d8	53.62		50.00	ug/L	107%		70-130	1
Bromofluorobenzene	49.01		50.00	ug/L	98%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1319231	Batch: 389126
Matrix (Source ID): Water (547577-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1319231 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	18.36	ND	20.00	ug/L	92%		62-131	26	31	1
MTBE	15.71	ND	20.00	ug/L	79%		61-124	28	30	1
Benzene	15.66	ND	20.00	ug/L	78%		70-123	25	31	1
Trichloroethene	18.79	ND	20.00	ug/L	94%		65-131	27	31	1
Toluene	18.30	ND	20.00	ug/L	91%		69-120	25	29	1
Chlorobenzene	18.84	ND	20.00	ug/L	94%		72-121	26	29	1
Surrogates										
Dibromofluoromethane	42.57		50.00	ug/L	85%		70-130			1
1,2-Dichloroethane-d4	48.27		50.00	ug/L	97%		70-130			1
Toluene-d8	53.22		50.00	ug/L	106%		70-130			1
Bromofluorobenzene	48.03		50.00	ug/L	96%		70-130			1

Type: Lab Control Sample	Lab ID: QC1318347	Batch: 388881
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1318347 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	52.53	50.00	ug/Kg	105%		72-130
MTBE	46.80	50.00	ug/Kg	94%		69-127
Benzene	51.64	50.00	ug/Kg	103%		76-126
Trichloroethene	45.52	50.00	ug/Kg	91%		74-121
Toluene	47.83	50.00	ug/Kg	96%		78-121
Chlorobenzene	47.01	50.00	ug/Kg	94%		80-121
Surrogates						
Dibromofluoromethane	53.54	50.00	ug/Kg	107%		70-130
1,2-Dichloroethane-d4	52.21	50.00	ug/Kg	104%		70-130
Toluene-d8	48.81	50.00	ug/Kg	98%		70-130
Bromofluorobenzene	48.53	50.00	ug/Kg	97%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1318348	Batch: 388881
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1318348 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	50.50	50.00	ug/Kg	101%		72-130	4	26
MTBE	44.77	50.00	ug/Kg	90%		69-127	4	25
Benzene	49.12	50.00	ug/Kg	98%		76-126	5	24
Trichloroethene	44.60	50.00	ug/Kg	89%		74-121	2	26
Toluene	45.57	50.00	ug/Kg	91%		78-121	5	24
Chlorobenzene	44.81	50.00	ug/Kg	90%		80-121	5	23
Surrogates								
Dibromofluoromethane	53.41	50.00	ug/Kg	107%		70-130		
1,2-Dichloroethane-d4	52.75	50.00	ug/Kg	105%		70-130		
Toluene-d8	48.70	50.00	ug/Kg	97%		70-130		
Bromofluorobenzene	48.97	50.00	ug/Kg	98%		70-130		

Batch QC

Type: Blank	Lab ID: QC1318351	Batch: 388881
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1318351 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Freon 12	ND		ug/Kg	5.0	0.5	12/02/25	12/02/25
Chloromethane	ND		ug/Kg	5.0	0.7	12/02/25	12/02/25
Vinyl Chloride	ND		ug/Kg	5.0	0.7	12/02/25	12/02/25
Bromomethane	ND		ug/Kg	5.0	0.9	12/02/25	12/02/25
Chloroethane	ND		ug/Kg	5.0	0.6	12/02/25	12/02/25
Trichlorofluoromethane	ND		ug/Kg	5.0	0.7	12/02/25	12/02/25
Acetone	ND		ug/Kg	100	9.0	12/02/25	12/02/25
Freon 113	ND		ug/Kg	5.0	0.7	12/02/25	12/02/25
1,1-Dichloroethene	ND		ug/Kg	5.0	0.4	12/02/25	12/02/25
Methylene Chloride	ND		ug/Kg	20		12/02/25	12/02/25
MTBE	ND		ug/Kg	5.0	0.4	12/02/25	12/02/25
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	0.5	12/02/25	12/02/25
1,1-Dichloroethane	ND		ug/Kg	5.0	0.3	12/02/25	12/02/25
2-Butanone	ND		ug/Kg	100	2.5	12/02/25	12/02/25
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	0.5	12/02/25	12/02/25
2,2-Dichloropropane	ND		ug/Kg	5.0	0.8	12/02/25	12/02/25
Chloroform	ND		ug/Kg	5.0	0.4	12/02/25	12/02/25
Bromochloromethane	ND		ug/Kg	5.0	0.6	12/02/25	12/02/25
1,1,1-Trichloroethane	ND		ug/Kg	5.0	0.5	12/02/25	12/02/25
1,1-Dichloropropene	ND		ug/Kg	5.0	0.4	12/02/25	12/02/25
Carbon Tetrachloride	ND		ug/Kg	5.0	0.3	12/02/25	12/02/25
1,2-Dichloroethane	ND		ug/Kg	5.0	0.4	12/02/25	12/02/25
Benzene	ND		ug/Kg	5.0	0.4	12/02/25	12/02/25
Trichloroethene	ND		ug/Kg	5.0	0.7	12/02/25	12/02/25
1,2-Dichloropropane	ND		ug/Kg	5.0	0.5	12/02/25	12/02/25
Bromodichloromethane	ND		ug/Kg	5.0	0.6	12/02/25	12/02/25
Dibromomethane	ND		ug/Kg	5.0	0.6	12/02/25	12/02/25
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	0.9	12/02/25	12/02/25
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	0.8	12/02/25	12/02/25
Toluene	ND		ug/Kg	5.0	0.5	12/02/25	12/02/25
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	0.7	12/02/25	12/02/25
1,1,2-Trichloroethane	ND		ug/Kg	5.0	0.4	12/02/25	12/02/25
1,3-Dichloropropane	ND		ug/Kg	5.0	0.6	12/02/25	12/02/25
Tetrachloroethene	ND		ug/Kg	5.0	0.5	12/02/25	12/02/25
Dibromochloromethane	ND		ug/Kg	5.0	0.7	12/02/25	12/02/25
1,2-Dibromoethane	ND		ug/Kg	5.0	0.4	12/02/25	12/02/25
Chlorobenzene	ND		ug/Kg	5.0	0.3	12/02/25	12/02/25
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	0.4	12/02/25	12/02/25
Ethylbenzene	ND		ug/Kg	5.0	0.4	12/02/25	12/02/25
m,p-Xylenes	ND		ug/Kg	10	0.6	12/02/25	12/02/25
o-Xylene	ND		ug/Kg	5.0	0.6	12/02/25	12/02/25
Styrene	ND		ug/Kg	5.0	0.4	12/02/25	12/02/25
Bromoform	ND		ug/Kg	5.0	0.9	12/02/25	12/02/25
Isopropylbenzene	ND		ug/Kg	5.0	0.6	12/02/25	12/02/25
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1.0	12/02/25	12/02/25
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1.1	12/02/25	12/02/25
Propylbenzene	ND		ug/Kg	5.0	0.6	12/02/25	12/02/25

Batch QC

QC1318351 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Bromobenzene	ND		ug/Kg	5.0	0.5	12/02/25	12/02/25
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	0.5	12/02/25	12/02/25
2-Chlorotoluene	ND		ug/Kg	5.0	0.6	12/02/25	12/02/25
4-Chlorotoluene	ND		ug/Kg	5.0	0.5	12/02/25	12/02/25
tert-Butylbenzene	ND		ug/Kg	5.0	0.7	12/02/25	12/02/25
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	0.5	12/02/25	12/02/25
sec-Butylbenzene	ND		ug/Kg	5.0	0.5	12/02/25	12/02/25
para-Isopropyl Toluene	ND		ug/Kg	5.0	0.5	12/02/25	12/02/25
1,3-Dichlorobenzene	ND		ug/Kg	5.0	0.3	12/02/25	12/02/25
1,4-Dichlorobenzene	ND		ug/Kg	5.0	0.5	12/02/25	12/02/25
n-Butylbenzene	ND		ug/Kg	5.0	0.6	12/02/25	12/02/25
1,2-Dichlorobenzene	ND		ug/Kg	5.0	0.3	12/02/25	12/02/25
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1.4	12/02/25	12/02/25
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	0.5	12/02/25	12/02/25
Hexachlorobutadiene	ND		ug/Kg	5.0	0.5	12/02/25	12/02/25
Naphthalene	ND		ug/Kg	5.0	0.6	12/02/25	12/02/25
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	0.4	12/02/25	12/02/25
Xylene (total)	ND		ug/Kg	5.0		12/02/25	12/02/25
Surrogates	Limits						
Dibromofluoromethane	103%		%REC	70-130		12/02/25	12/02/25
1,2-Dichloroethane-d4	105%		%REC	70-130		12/02/25	12/02/25
Toluene-d8	96%		%REC	70-130		12/02/25	12/02/25
Bromofluorobenzene	97%		%REC	70-130		12/02/25	12/02/25

Type: Matrix Spike	Lab ID: QC1318640	Batch: 388881
Matrix (Source ID): Soil (547803-010)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1318640 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	27.18	ND	24.63	ug/Kg	110%		56-129	1.2
MTBE	26.23	ND	24.63	ug/Kg	107%		47-130	1.2
Benzene	27.19	ND	24.63	ug/Kg	110%		54-128	1.2
Trichloroethene	24.08	ND	24.63	ug/Kg	98%		48-128	1.2
Toluene	25.33	ND	24.63	ug/Kg	103%		53-123	1.2
Chlorobenzene	25.12	ND	24.63	ug/Kg	102%		50-125	1.2
Surrogates								
Dibromofluoromethane	64.83		61.58	ug/Kg	105%		70-130	1.2
1,2-Dichloroethane-d4	65.31		61.58	ug/Kg	106%		70-130	1.2
Toluene-d8	60.36		61.58	ug/Kg	98%		70-130	1.2
Bromofluorobenzene	60.41		61.58	ug/Kg	98%		70-130	1.2

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1318641	Batch: 388881
Matrix (Source ID): Soil (547803-010)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1318641 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	21.99	ND	24.21	ug/Kg	91%		56-129	19	41	1.2
MTBE	22.28	ND	24.21	ug/Kg	92%		47-130	15	44	1.2
Benzene	21.98	ND	24.21	ug/Kg	91%		54-128	20	45	1.2
Trichloroethene	18.71	ND	24.21	ug/Kg	77%		48-128	23	47	1.2
Toluene	20.72	ND	24.21	ug/Kg	86%		53-123	18	43	1.2
Chlorobenzene	20.65	ND	24.21	ug/Kg	85%		50-125	18	44	1.2
Surrogates										
Dibromofluoromethane	63.54		60.53	ug/Kg	105%		70-130			1.2
1,2-Dichloroethane-d4	64.69		60.53	ug/Kg	107%		70-130			1.2
Toluene-d8	58.42		60.53	ug/Kg	97%		70-130			1.2
Bromofluorobenzene	58.76		60.53	ug/Kg	97%		70-130			1.2

Type: Blank	Lab ID: QC1319239	Batch: 389165
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1319239 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO3	ND		mg/L	2.0		12/04/25	12/04/25
Alkalinity, Carbonate, as CaCO3	ND		mg/L	5.0		12/04/25	12/04/25
Alkalinity, Hydroxide, as CaCO3	ND		mg/L	5.0		12/04/25	12/04/25
Alkalinity, Total as CaCO3	ND		mg/L	2.0		12/04/25	12/04/25

Type: Lab Control Sample	Lab ID: QC1319240	Batch: 389165
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1319240 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO3	934.3	1000	mg/L	93%		90-110

Type: Sample Duplicate	Lab ID: QC1319241	Batch: 389165
Matrix (Source ID): Water (547511-003)	Method: SM2320B	Prep Method: METHOD

QC1319241 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO3	201.8	204.1	mg/L		1	20	2.5
Alkalinity, Carbonate, as CaCO3	ND	ND	mg/L			20	2.5
Alkalinity, Hydroxide, as CaCO3	ND	ND	mg/L			20	2.5
Alkalinity, Total as CaCO3	201.8	204.1	mg/L		1	20	2.5

* Value is outside QC limits
 ND Not Detected
 NM Not Meaningful



Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 548736
Report Level : II
Report Date : 12/17/2025

Analytical Report *prepared for:*

Cindy Schreier
Prima Environmental, Inc.
5070 Robert J. Mathews Pkwy
Suite 300
El Dorado Hills, CA 95762

Location: SES - HearthStone

Authorized for release by:

John Goyette, Service Center Manager
(510) 204-2233 Ext 13112
john.goyette@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197



Sample Summary

Cindy Schreier
Prima Environmental, Inc.
5070 Robert J. Mathews
Pkwy
Suite 300
El Dorado Hills, CA 95762

Lab Job #: 548736
Location: SES - HearthStone
Date Received: 12/10/25

Sample ID	Lab ID	Collected	Matrix
SES-HEART TIME 0	548736-001	12/09/25 14:45	Water
SES-HEART TIME 0 SO	548736-002	12/09/25 14:45	Soil

Case Narrative

Prima Environmental, Inc.
5070 Robert J. Mathews Pkwy
Suite 300
El Dorado Hills, CA 95762
Cindy Schreier

Lab Job Number: 548736
Location: SES -
HearthStone
Date Received: 12/10/25

This data package contains sample and QC results for one soil sample and one water sample, requested for the above referenced project on 12/10/25. The samples were received in good condition.

Volatile Organics by GC/MS (EPA 8260B) Water:

No analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B) Soil:

- Bromomethane was detected between the MDL and the RL in the method blanks; this analyte was not detected in the sample at or above the RL.
- No other analytical problems were encountered.

Metals (EPA 6020):

No analytical problems were encountered.

CHAIN OF CUSTODY

Page 1 of 1
Chain of Custody #: _____

C&T LOGIN # 548736

Project No: _____
 Project Name: SES - HearthStone
 EDD Format: _____ Rpt Level: ☐ I ☐ II ☐ III ☐ IV
 Turnaround Time: ☐ RUSH _____ X Standard
 Sampler: Cindy Schreier
 Report To: Cindy Schreier
 Company : PRIMA Environmental, Inc.
 Telephone: 916-939-7300
 Email: data@primaenvironmental.com

Sampler: Cindy Schreier

Report To: Cindy Schreier

EDD Format: _____ Rpt Level: ☐ I ☐ II ☐ III ☐ IV Company: PRIMA Environmental, Inc.

Telephone: 916-939-7300

Email: data@primaenvironmental.com

[illegible]

Notes:

SAMPLE RECEIPT

☐ Intact ☐ Cold

☐ On Ice ☐ Ambient

Metals field filtered

RELINQUISHED BY:

RECEIVED BY:

Mannich	Hickingen-PRIMA	12 May/25	DATE/TIME
---------	-----------------	-----------	-----------

12/09/25
DATE/TIME

DATE/TIME

DATE/TIME

DATE/TIME

DATE/TIME

[illegible]

Log in 548736



4 of 25

SAMPLE RECEIPT CHECKLIST



Section 1: General Info

Date Received: 12/10/25 WO# 548736 Client: PRIMA Environmental

Section 2: Shipping / Custody

Are custody seals present? ☐ Yes ☒ No

Custody seals intact on arrival? ☒ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

☐ Courier ☐ Walk-In ☐ Field Sampling ☒ Shipping Info: FedEx

Section 3a: Condition / Packaging

☐ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)

Date Opened 12/10/25 By (initials) FPD

Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): / Thermometer/IR Gun: IR10 CF: +0.2

Cooler Temp (°C) #1: 5.0 / 5.2 #2: / #3: / #4: / #5: / #6: /

Section 3b: Microbiology Samples

☒ No microbiology samples submitted (skip 3b)

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples

☒ No air samples submitted (skip 3c)

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other

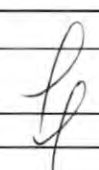
Section 4: Containers / Labels / Samples

	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	x		
2) Is the sampler's name present on the CoC?	x		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	x		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	x		
5) Were all of, and only, the correct samples received?	x		
6) Are sample labels present, legible, and in agreement with the CoC?	x		
7) Does the container count match the CoC?	x		
8) Was sufficient sample volume / mass received for the analyses requested?	x		
9) Were samples received in proper containers for the analyses requested?	x		
10) Were samples received with > 1/2 holding time remaining?	x		
11) Are samples properly preserved as indicated by CoC / labels?	x		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			x
13) Are VOA vials free from headspace/bubbles > 6mm?	x		

Section 5: Explanations / Comments

(If no comments are made, then no discrepancies noted.)

☐ No additional discrepancies

Date Logged 12/10/25 By (print) FPD (sign) 
Date Labeled 12/10/25 By (print) FPD (sign)

ORIGIN ID:MHRA (916) 939-7300
CINDY SCHREIER
PRIMA ENVIRONMENTAL INC.
5070 ROBERT J. MATHEWS PKWY
SUITE 300
EL DORADO HILLS, CA 95762
UNITED STATES US

TO **SAMPLE RECEIVING**
ENTHALPY ANALYTICAL
931 WEST BARKLEY AVE

ORANGE CA 92868

INV: (714) 771-6900
PO: REF: SES-HEART

DEPT:



FedEx Express

WED - 10 DEC 12:00P
PRIORITY OVERNIGHT

TRK# 8869 0834 0748

92 APVA
92868
CA-US SNA



SHIP DATE: 09DEC25
ACTWGT: 11.00 LB
CAD: 4692371/INET4535
DIMS: 10x13x11 IN

BILL SENDER

58HJ4/2C22/59F2

After printing this label:
1. Fold the printed page along the horizontal line
2. Place label in shipping pouch and affix it to your shipment

CONSIGNEE COPY - PLEASE PLACE IN FRONT OF POUCH

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510/512
IN 10 402

Analysis Results for 548736

Cindy Schreier
Prima Environmental, Inc.
5070 Robert J. Mathews Pkwy
Suite 300
El Dorado Hills, CA 95762

Lab Job #: 548736
Location: SES - HearthStone
Date Received: 12/10/25

Sample ID: SES-HEART TIME 0

Lab ID: 548736-001

Collected: 12/09/25 14:45

548736-001 Analyte	Result	Qual	Units	RL	MDL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6020											
Prep Method: 200.8 DirectAnalysis											
Chromium	ND		ug/L	5.0	0.61	Filtrate	1	389874	12/11/25	12/11/25	KAM
Manganese	47		ug/L	10	3.6	Filtrate	1	389874	12/11/25	12/11/25	KAM
Method: EPA 8260B											
Prep Method: EPA 5030B											
Freon 12	ND		ug/L	50	15	Water	100	390305	12/17/25	12/17/25	EJB
Chloromethane	ND		ug/L	50	8.8	Water	100	390305	12/17/25	12/17/25	EJB
Vinyl Chloride	18	J	ug/L	50	13	Water	100	390305	12/17/25	12/17/25	EJB
Bromomethane	ND		ug/L	100	15	Water	100	390305	12/17/25	12/17/25	EJB
Chloroethane	ND		ug/L	50	13	Water	100	390305	12/17/25	12/17/25	EJB
Trichlorofluoromethane	ND		ug/L	50	13	Water	100	390305	12/17/25	12/17/25	EJB
Acetone	ND		ug/L	2,000	1,400	Water	100	390305	12/17/25	12/17/25	EJB
Freon 113	ND		ug/L	50	13	Water	100	390305	12/17/25	12/17/25	EJB
1,1-Dichloroethene	ND		ug/L	50	11	Water	100	390305	12/17/25	12/17/25	EJB
Methylene Chloride	ND		ug/L	1,000	22	Water	100	390305	12/17/25	12/17/25	EJB
MTBE	ND		ug/L	50	15	Water	100	390305	12/17/25	12/17/25	EJB
trans-1,2-Dichloroethene	ND		ug/L	50	12	Water	100	390305	12/17/25	12/17/25	EJB
1,1-Dichloroethane	ND		ug/L	50	9.4	Water	100	390305	12/17/25	12/17/25	EJB
2-Butanone	ND		ug/L	500	130	Water	100	390305	12/17/25	12/17/25	EJB
cis-1,2-Dichloroethene	370		ug/L	50	13	Water	100	390305	12/17/25	12/17/25	EJB
2,2-Dichloropropane	ND		ug/L	50	22	Water	100	390305	12/17/25	12/17/25	EJB
Chloroform	ND		ug/L	50	8.0	Water	100	390305	12/17/25	12/17/25	EJB
Bromochloromethane	ND		ug/L	50	10	Water	100	390305	12/17/25	12/17/25	EJB
1,1,1-Trichloroethane	ND		ug/L	50	11	Water	100	390305	12/17/25	12/17/25	EJB
1,1-Dichloropropene	ND		ug/L	50	13	Water	100	390305	12/17/25	12/17/25	EJB
Carbon Tetrachloride	ND		ug/L	50	11	Water	100	390305	12/17/25	12/17/25	EJB
1,2-Dichloroethane	ND		ug/L	50	16	Water	100	390305	12/17/25	12/17/25	EJB
Benzene	ND		ug/L	50	13	Water	100	390305	12/17/25	12/17/25	EJB
Trichloroethene	260		ug/L	50	15	Water	100	390305	12/17/25	12/17/25	EJB
1,2-Dichloropropane	ND		ug/L	50	8.7	Water	100	390305	12/17/25	12/17/25	EJB
Bromodichloromethane	ND		ug/L	50	6.8	Water	100	390305	12/17/25	12/17/25	EJB
Dibromomethane	ND		ug/L	50	10	Water	100	390305	12/17/25	12/17/25	EJB
4-Methyl-2-Pentanone	ND		ug/L	500	100	Water	100	390305	12/17/25	12/17/25	EJB
cis-1,3-Dichloropropene	ND		ug/L	50	9.6	Water	100	390305	12/17/25	12/17/25	EJB
Toluene	ND		ug/L	50	12	Water	100	390305	12/17/25	12/17/25	EJB
trans-1,3-Dichloropropene	ND		ug/L	50	9.4	Water	100	390305	12/17/25	12/17/25	EJB
1,1,2-Trichloroethane	ND		ug/L	50	11	Water	100	390305	12/17/25	12/17/25	EJB
1,3-Dichloropropane	ND		ug/L	50	7.4	Water	100	390305	12/17/25	12/17/25	EJB
Tetrachloroethene	6,600		ug/L	50	17	Water	100	390305	12/17/25	12/17/25	EJB
Dibromochloromethane	ND		ug/L	50	12	Water	100	390305	12/17/25	12/17/25	EJB
1,2-Dibromoethane	ND		ug/L	50	13	Water	100	390305	12/17/25	12/17/25	EJB
Chlorobenzene	ND		ug/L	50	12	Water	100	390305	12/17/25	12/17/25	EJB

Analysis Results for 548736

548736-001 Analyte	Result	Qual	Units	RL	MDL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
1,1,1,2-Tetrachloroethane	ND		ug/L	50	7.2	Water	100	390305	12/17/25	12/17/25	EJB
Ethylbenzene	ND		ug/L	50	9.9	Water	100	390305	12/17/25	12/17/25	EJB
m,p-Xylenes	ND		ug/L	100	22	Water	100	390305	12/17/25	12/17/25	EJB
o-Xylene	ND		ug/L	50	12	Water	100	390305	12/17/25	12/17/25	EJB
Styrene	ND		ug/L	50	14	Water	100	390305	12/17/25	12/17/25	EJB
Bromoform	ND		ug/L	100	6.1	Water	100	390305	12/17/25	12/17/25	EJB
Propylbenzene	ND		ug/L	50	15	Water	100	390305	12/17/25	12/17/25	EJB
Isopropylbenzene	ND		ug/L	50	13	Water	100	390305	12/17/25	12/17/25	EJB
1,1,2,2-Tetrachloroethane	ND		ug/L	50	12	Water	100	390305	12/17/25	12/17/25	EJB
1,2,3-Trichloropropane	ND		ug/L	50	28	Water	100	390305	12/17/25	12/17/25	EJB
Bromobenzene	ND		ug/L	100	14	Water	100	390305	12/17/25	12/17/25	EJB
1,3,5-Trimethylbenzene	ND		ug/L	50	13	Water	100	390305	12/17/25	12/17/25	EJB
2-Chlorotoluene	ND		ug/L	50	11	Water	100	390305	12/17/25	12/17/25	EJB
4-Chlorotoluene	ND		ug/L	50	15	Water	100	390305	12/17/25	12/17/25	EJB
tert-Butylbenzene	ND		ug/L	50	11	Water	100	390305	12/17/25	12/17/25	EJB
1,2,4-Trimethylbenzene	ND		ug/L	50	15	Water	100	390305	12/17/25	12/17/25	EJB
sec-Butylbenzene	ND		ug/L	50	15	Water	100	390305	12/17/25	12/17/25	EJB
para-Isopropyl Toluene	ND		ug/L	50	15	Water	100	390305	12/17/25	12/17/25	EJB
1,3-Dichlorobenzene	ND		ug/L	50	13	Water	100	390305	12/17/25	12/17/25	EJB
1,4-Dichlorobenzene	ND		ug/L	50	20	Water	100	390305	12/17/25	12/17/25	EJB
n-Butylbenzene	ND		ug/L	50	14	Water	100	390305	12/17/25	12/17/25	EJB
1,2-Dichlorobenzene	ND		ug/L	50	12	Water	100	390305	12/17/25	12/17/25	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	200	64	Water	100	390305	12/17/25	12/17/25	EJB
1,2,4-Trichlorobenzene	ND		ug/L	50	29	Water	100	390305	12/17/25	12/17/25	EJB
Hexachlorobutadiene	ND		ug/L	200	26	Water	100	390305	12/17/25	12/17/25	EJB
Naphthalene	ND		ug/L	200	64	Water	100	390305	12/17/25	12/17/25	EJB
1,2,3-Trichlorobenzene	ND		ug/L	50	28	Water	100	390305	12/17/25	12/17/25	EJB
Isopropyl Ether (DIPE)	ND		ug/L	50	12	Water	100	390305	12/17/25	12/17/25	EJB
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	50	12	Water	100	390305	12/17/25	12/17/25	EJB
tert-Butyl Alcohol (TBA)	ND		ug/L	1,000	250	Water	100	390305	12/17/25	12/17/25	EJB
Methyl tert-Amyl Ether (TAME)	ND		ug/L	50	12	Water	100	390305	12/17/25	12/17/25	EJB
Xylene (total)	ND		ug/L	50		Water	100	390305	12/17/25	12/17/25	EJB
Surrogates	Limits										
Dibromofluoromethane	112%		%REC	70-130		Water	100	390305	12/17/25	12/17/25	EJB
1,2-Dichloroethane-d4	113%		%REC	70-130		Water	100	390305	12/17/25	12/17/25	EJB
Toluene-d8	100%		%REC	70-130		Water	100	390305	12/17/25	12/17/25	EJB
Bromofluorobenzene	102%		%REC	70-130		Water	100	390305	12/17/25	12/17/25	EJB

Analysis Results for 548736

Sample ID: SES-HEART TIME 0 SO
Lab ID: 548736-002
Collected: 12/09/25 14:45
Matrix: Soil

548736-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
Freon 12	ND		ug/Kg	5.0	0.5	1	389992	12/13/25	12/13/25	LYZ
Chloromethane	ND		ug/Kg	5.0	0.7	1	389992	12/13/25	12/13/25	LYZ
Vinyl Chloride	ND		ug/Kg	5.0	0.7	1	389992	12/13/25	12/13/25	LYZ
Bromomethane	ND		ug/Kg	5.0	0.9	1	389992	12/13/25	12/13/25	LYZ
Chloroethane	ND		ug/Kg	5.0	0.6	1	389992	12/13/25	12/13/25	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.0	0.6	1	389992	12/13/25	12/13/25	LYZ
Acetone	18	J	ug/Kg	100	8.9	1	389992	12/13/25	12/13/25	LYZ
Freon 113	ND		ug/Kg	5.0	0.7	1	389992	12/13/25	12/13/25	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	0.4	1	389992	12/13/25	12/13/25	LYZ
Methylene Chloride	ND		ug/Kg	20		1	389992	12/13/25	12/13/25	LYZ
MTBE	ND		ug/Kg	5.0	0.4	1	389992	12/13/25	12/13/25	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	0.4	1	389992	12/13/25	12/13/25	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	0.3	1	389992	12/13/25	12/13/25	LYZ
2-Butanone	ND		ug/Kg	100	2.5	1	389992	12/13/25	12/13/25	LYZ
cis-1,2-Dichloroethene	7.0		ug/Kg	5.0	0.4	1	389992	12/13/25	12/13/25	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	0.8	1	389992	12/13/25	12/13/25	LYZ
Chloroform	ND		ug/Kg	5.0	0.4	1	389992	12/13/25	12/13/25	LYZ
Bromochloromethane	ND		ug/Kg	5.0	0.6	1	389992	12/13/25	12/13/25	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	0.5	1	389992	12/13/25	12/13/25	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	0.4	1	389992	12/13/25	12/13/25	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	0.3	1	389992	12/13/25	12/13/25	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	0.4	1	389992	12/13/25	12/13/25	LYZ
Benzene	ND		ug/Kg	5.0	0.4	1	389992	12/13/25	12/13/25	LYZ
Trichloroethene	8.9		ug/Kg	5.0	0.7	1	389992	12/13/25	12/13/25	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.0	0.5	1	389992	12/13/25	12/13/25	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	0.6	1	389992	12/13/25	12/13/25	LYZ
Dibromomethane	ND		ug/Kg	5.0	0.6	1	389992	12/13/25	12/13/25	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	0.9	1	389992	12/13/25	12/13/25	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	0.8	1	389992	12/13/25	12/13/25	LYZ
Toluene	ND		ug/Kg	5.0	0.5	1	389992	12/13/25	12/13/25	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	0.7	1	389992	12/13/25	12/13/25	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	0.4	1	389992	12/13/25	12/13/25	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	0.6	1	389992	12/13/25	12/13/25	LYZ
Tetrachloroethene	700		ug/Kg	250	34	50	390204	12/16/25	12/16/25	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	0.7	1	389992	12/13/25	12/13/25	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	0.4	1	389992	12/13/25	12/13/25	LYZ
Chlorobenzene	ND		ug/Kg	5.0	0.3	1	389992	12/13/25	12/13/25	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	0.4	1	389992	12/13/25	12/13/25	LYZ
Ethylbenzene	ND		ug/Kg	5.0	0.4	1	389992	12/13/25	12/13/25	LYZ
m,p-Xylenes	ND		ug/Kg	10	0.6	1	389992	12/13/25	12/13/25	LYZ
o-Xylene	ND		ug/Kg	5.0	0.6	1	389992	12/13/25	12/13/25	LYZ
Styrene	ND		ug/Kg	5.0	0.4	1	389992	12/13/25	12/13/25	LYZ
Bromoform	ND		ug/Kg	5.0	0.9	1	389992	12/13/25	12/13/25	LYZ
Isopropylbenzene	ND		ug/Kg	5.0	0.6	1	389992	12/13/25	12/13/25	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1.0	1	389992	12/13/25	12/13/25	LYZ

Analysis Results for 548736

548736-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1.1	1	389992	12/13/25	12/13/25	LYZ
Propylbenzene	ND		ug/Kg	5.0	0.6	1	389992	12/13/25	12/13/25	LYZ
Bromobenzene	ND		ug/Kg	5.0	0.5	1	389992	12/13/25	12/13/25	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	0.5	1	389992	12/13/25	12/13/25	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	0.5	1	389992	12/13/25	12/13/25	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	0.5	1	389992	12/13/25	12/13/25	LYZ
tert-Butylbenzene	ND		ug/Kg	5.0	0.7	1	389992	12/13/25	12/13/25	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	0.5	1	389992	12/13/25	12/13/25	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	0.5	1	389992	12/13/25	12/13/25	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	0.5	1	389992	12/13/25	12/13/25	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	0.3	1	389992	12/13/25	12/13/25	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	0.4	1	389992	12/13/25	12/13/25	LYZ
n-Butylbenzene	ND		ug/Kg	5.0	0.6	1	389992	12/13/25	12/13/25	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	0.3	1	389992	12/13/25	12/13/25	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1.4	1	389992	12/13/25	12/13/25	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	0.5	1	389992	12/13/25	12/13/25	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	0.5	1	389992	12/13/25	12/13/25	LYZ
Naphthalene	ND		ug/Kg	5.0	0.6	1	389992	12/13/25	12/13/25	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	0.4	1	389992	12/13/25	12/13/25	LYZ
Xylene (total)	ND		ug/Kg	5.0		1	389992	12/13/25	12/13/25	LYZ
Surrogates	Limits									
Dibromofluoromethane	100%		%REC	70-130		1	389992	12/13/25	12/13/25	LYZ
1,2-Dichloroethane-d4	104%		%REC	70-130		1	389992	12/13/25	12/13/25	LYZ
Toluene-d8	98%		%REC	70-130		1	389992	12/13/25	12/13/25	LYZ
Bromofluorobenzene	97%		%REC	70-130		1	389992	12/13/25	12/13/25	LYZ

J Estimated value

ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1321754	Batch: 389874
Matrix: Filtrate	Method: EPA 6020	Prep Method: 200.8 DirectAnalysis

QC1321754 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chromium	ND		ug/L	5.0	0.61	12/11/25	12/11/25
Manganese	ND		ug/L	10	3.6	12/11/25	12/11/25

Type: Lab Control Sample	Lab ID: QC1321755	Batch: 389874
Matrix: Filtrate	Method: EPA 6020	Prep Method: 200.8 DirectAnalysis

QC1321755 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chromium	96.88	100.0	ug/L	97%		80-120
Manganese	99.43	100.0	ug/L	99%		80-120

Type: Matrix Spike	Lab ID: QC1321756	Batch: 389874
Matrix (Source ID): Filtrate (548736-001)	Method: EPA 6020	Prep Method: 200.8 DirectAnalysis

QC1321756 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chromium	94.49	ND	100.0	ug/L	94%		75-125	1
Manganese	143.6	47.31	100.0	ug/L	96%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1321757	Batch: 389874
Matrix (Source ID): Filtrate (548736-001)	Method: EPA 6020	Prep Method: 200.8 DirectAnalysis

QC1321757 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chromium	94.61	ND	100.0	ug/L	95%		75-125	0	20	1
Manganese	143.4	47.31	100.0	ug/L	96%		75-125	0	20	1

Type: Serial Dilution	Lab ID: QC1321758	Batch: 389874
Matrix (Source ID): Filtrate (548736-001)	Method: EPA 6020	Prep Method: 200.8 DirectAnalysis

QC1321758 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Chromium	ND	ND	ug/L				5
Manganese	48.68	47.31	ug/L	J			5

Batch QC

Type: Blank	Lab ID: QC1323176	Batch: 390305
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1323176 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Freon 12	ND		ug/L	0.5	0.2	12/16/25	12/16/25
Chloromethane	ND		ug/L	0.5	0.09	12/16/25	12/16/25
Vinyl Chloride	ND		ug/L	0.5	0.1	12/16/25	12/16/25
Bromomethane	ND		ug/L	1.0	0.1	12/16/25	12/16/25
Chloroethane	ND		ug/L	0.5	0.1	12/16/25	12/16/25
Trichlorofluoromethane	ND		ug/L	0.5	0.1	12/16/25	12/16/25
Acetone	ND		ug/L	20	14	12/16/25	12/16/25
Freon 113	ND		ug/L	0.5	0.1	12/16/25	12/16/25
1,1-Dichloroethene	ND		ug/L	0.5	0.1	12/16/25	12/16/25
Methylene Chloride	ND		ug/L	10	0.2	12/16/25	12/16/25
MTBE	ND		ug/L	0.5	0.1	12/16/25	12/16/25
trans-1,2-Dichloroethene	ND		ug/L	0.5	0.1	12/16/25	12/16/25
1,1-Dichloroethane	ND		ug/L	0.5	0.09	12/16/25	12/16/25
2-Butanone	ND		ug/L	5.0	1.3	12/16/25	12/16/25
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	12/16/25	12/16/25
2,2-Dichloropropane	ND		ug/L	0.5	0.2	12/16/25	12/16/25
Chloroform	ND		ug/L	0.5	0.08	12/16/25	12/16/25
Bromochloromethane	ND		ug/L	0.5	0.1	12/16/25	12/16/25
1,1,1-Trichloroethane	ND		ug/L	0.5	0.1	12/16/25	12/16/25
1,1-Dichloropropene	ND		ug/L	0.5	0.1	12/16/25	12/16/25
Carbon Tetrachloride	ND		ug/L	0.5	0.1	12/16/25	12/16/25
1,2-Dichloroethane	ND		ug/L	0.5	0.2	12/16/25	12/16/25
Benzene	ND		ug/L	0.5	0.1	12/16/25	12/16/25
Trichloroethene	ND		ug/L	0.5	0.1	12/16/25	12/16/25
1,2-Dichloropropane	ND		ug/L	0.5	0.09	12/16/25	12/16/25
Bromodichloromethane	ND		ug/L	0.5	0.07	12/16/25	12/16/25
Dibromomethane	ND		ug/L	0.5	0.1	12/16/25	12/16/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	12/16/25	12/16/25
cis-1,3-Dichloropropene	ND		ug/L	0.5	0.1	12/16/25	12/16/25
Toluene	ND		ug/L	0.5	0.1	12/16/25	12/16/25
trans-1,3-Dichloropropene	ND		ug/L	0.5	0.09	12/16/25	12/16/25
1,1,2-Trichloroethane	ND		ug/L	0.5	0.1	12/16/25	12/16/25
1,3-Dichloropropane	ND		ug/L	0.5	0.07	12/16/25	12/16/25
Tetrachloroethene	ND		ug/L	0.5	0.2	12/16/25	12/16/25
Dibromochloromethane	ND		ug/L	0.5	0.1	12/16/25	12/16/25
1,2-Dibromoethane	ND		ug/L	0.5	0.1	12/16/25	12/16/25
Chlorobenzene	ND		ug/L	0.5	0.1	12/16/25	12/16/25
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	0.07	12/16/25	12/16/25
Ethylbenzene	ND		ug/L	0.5	0.1	12/16/25	12/16/25
m,p-Xylenes	ND		ug/L	1.0	0.2	12/16/25	12/16/25
o-Xylene	ND		ug/L	0.5	0.1	12/16/25	12/16/25
Styrene	ND		ug/L	0.5	0.1	12/16/25	12/16/25
Bromoform	ND		ug/L	1.0	0.06	12/16/25	12/16/25
Propylbenzene	ND		ug/L	0.5	0.1	12/16/25	12/16/25
Isopropylbenzene	ND		ug/L	0.5	0.1	12/16/25	12/16/25
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	0.1	12/16/25	12/16/25
1,2,3-Trichloropropane	ND		ug/L	0.5	0.3	12/16/25	12/16/25

Batch QC

QC1323176 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Bromobenzene	ND		ug/L	1.0	0.1	12/16/25	12/16/25
1,3,5-Trimethylbenzene	ND		ug/L	0.5	0.1	12/16/25	12/16/25
2-Chlorotoluene	ND		ug/L	0.5	0.1	12/16/25	12/16/25
4-Chlorotoluene	ND		ug/L	0.5	0.2	12/16/25	12/16/25
tert-Butylbenzene	ND		ug/L	0.5	0.1	12/16/25	12/16/25
1,2,4-Trimethylbenzene	ND		ug/L	0.5	0.1	12/16/25	12/16/25
sec-Butylbenzene	ND		ug/L	0.5	0.2	12/16/25	12/16/25
para-Isopropyl Toluene	ND		ug/L	0.5	0.2	12/16/25	12/16/25
1,3-Dichlorobenzene	ND		ug/L	0.5	0.1	12/16/25	12/16/25
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	12/16/25	12/16/25
n-Butylbenzene	ND		ug/L	0.5	0.1	12/16/25	12/16/25
1,2-Dichlorobenzene	ND		ug/L	0.5	0.1	12/16/25	12/16/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	0.6	12/16/25	12/16/25
1,2,4-Trichlorobenzene	ND		ug/L	0.5	0.3	12/16/25	12/16/25
Hexachlorobutadiene	ND		ug/L	2.0	0.3	12/16/25	12/16/25
Naphthalene	ND		ug/L	2.0	0.6	12/16/25	12/16/25
1,2,3-Trichlorobenzene	ND		ug/L	0.5	0.3	12/16/25	12/16/25
Isopropyl Ether (DIPE)	ND		ug/L	0.5	0.1	12/16/25	12/16/25
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	0.5	0.1	12/16/25	12/16/25
tert-Butyl Alcohol (TBA)	ND		ug/L	10	2.5	12/16/25	12/16/25
Methyl tert-Amyl Ether (TAME)	ND		ug/L	0.5	0.1	12/16/25	12/16/25
Xylene (total)	ND		ug/L	0.5		12/16/25	12/16/25
Surrogates				Limits			
Dibromofluoromethane	105%		%REC	70-130		12/16/25	12/16/25
1,2-Dichloroethane-d4	109%		%REC	70-130		12/16/25	12/16/25
Toluene-d8	103%		%REC	70-130		12/16/25	12/16/25
Bromofluorobenzene	106%		%REC	70-130		12/16/25	12/16/25

Type: Lab Control Sample
Matrix: Water

Lab ID: QC1323177
Method: EPA 8260B

Batch: 390305
Prep Method: EPA 5030B

QC1323177 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	48.40	50.00	ug/L	97%		69-128
MTBE	48.40	50.00	ug/L	97%		66-125
Benzene	45.72	50.00	ug/L	91%		76-121
Trichloroethene	51.26	50.00	ug/L	103%		76-124
Toluene	49.22	50.00	ug/L	98%		76-120
Chlorobenzene	51.02	50.00	ug/L	102%		78-120
Surrogates						
Dibromofluoromethane	52.37	50.00	ug/L	105%		70-130
1,2-Dichloroethane-d4	52.58	50.00	ug/L	105%		70-130
Toluene-d8	52.30	50.00	ug/L	105%		70-130
Bromofluorobenzene	51.75	50.00	ug/L	104%		70-130

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1323178	Batch: 390305
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1323178 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	52.52	50.00	ug/L	105%		69-128	8	23
MTBE	52.76	50.00	ug/L	106%		66-125	9	22
Benzene	49.60	50.00	ug/L	99%		76-121	8	21
Trichloroethene	54.42	50.00	ug/L	109%		76-124	6	22
Toluene	51.88	50.00	ug/L	104%		76-120	5	21
Chlorobenzene	53.60	50.00	ug/L	107%		78-120	5	20
Surrogates								
Dibromofluoromethane	52.57	50.00	ug/L	105%		70-130		
1,2-Dichloroethane-d4	53.12	50.00	ug/L	106%		70-130		
Toluene-d8	51.03	50.00	ug/L	102%		70-130		
Bromofluorobenzene	50.54	50.00	ug/L	101%		70-130		

Type: Matrix Spike	Lab ID: QC1323224	Batch: 390305
Matrix (Source ID): Water (548359-002)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1323224 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	21.27	ND	20.00	ug/L	106%		62-131	1
MTBE	21.61	ND	20.00	ug/L	108%		61-124	1
Benzene	19.79	0.1658	20.00	ug/L	98%		70-123	1
Trichloroethene	24.95	2.524	20.00	ug/L	112%		65-131	1
Toluene	20.33	ND	20.00	ug/L	102%		69-120	1
Chlorobenzene	21.29	ND	20.00	ug/L	106%		72-121	1
Surrogates								
Dibromofluoromethane	52.58		50.00	ug/L	105%		70-130	1
1,2-Dichloroethane-d4	54.55		50.00	ug/L	109%		70-130	1
Toluene-d8	51.32		50.00	ug/L	103%		70-130	1
Bromofluorobenzene	51.94		50.00	ug/L	104%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1323225	Batch: 390305
Matrix (Source ID): Water (548359-002)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1323225 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	19.58	ND	20.00	ug/L	98%		62-131	8	31	1
MTBE	21.13	ND	20.00	ug/L	106%		61-124	2	30	1
Benzene	18.40	0.1658	20.00	ug/L	91%		70-123	7	31	1
Trichloroethene	23.33	2.524	20.00	ug/L	104%		65-131	7	31	1
Toluene	19.07	ND	20.00	ug/L	95%		69-120	6	29	1
Chlorobenzene	20.49	ND	20.00	ug/L	102%		72-121	4	29	1
Surrogates										
Dibromofluoromethane	51.93		50.00	ug/L	104%		70-130			1
1,2-Dichloroethane-d4	54.89		50.00	ug/L	110%		70-130			1
Toluene-d8	51.04		50.00	ug/L	102%		70-130			1
Bromofluorobenzene	50.87		50.00	ug/L	102%		70-130			1

Type: Lab Control Sample	Lab ID: QC1322162	Batch: 389992
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1322162 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	52.48	50.00	ug/Kg	105%		72-130
MTBE	45.38	50.00	ug/Kg	91%		69-127
Benzene	49.78	50.00	ug/Kg	100%		76-126
Trichloroethene	43.26	50.00	ug/Kg	87%		74-121
Toluene	44.72	50.00	ug/Kg	89%		78-121
Chlorobenzene	44.11	50.00	ug/Kg	88%		80-121
Surrogates						
Dibromofluoromethane	52.72	50.00	ug/Kg	105%		70-130
1,2-Dichloroethane-d4	53.05	50.00	ug/Kg	106%		70-130
Toluene-d8	48.11	50.00	ug/Kg	96%		70-130
Bromofluorobenzene	48.94	50.00	ug/Kg	98%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1322163	Batch: 389992
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1322163 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	52.83	50.00	ug/Kg	106%		72-130	1	26
MTBE	44.54	50.00	ug/Kg	89%		69-127	2	25
Benzene	49.15	50.00	ug/Kg	98%		76-126	1	24
Trichloroethene	42.53	50.00	ug/Kg	85%		74-121	2	26
Toluene	44.94	50.00	ug/Kg	90%		78-121	0	24
Chlorobenzene	44.04	50.00	ug/Kg	88%		80-121	0	23
Surrogates								
Dibromofluoromethane	52.70	50.00	ug/Kg	105%		70-130		
1,2-Dichloroethane-d4	55.34	50.00	ug/Kg	111%		70-130		
Toluene-d8	47.87	50.00	ug/Kg	96%		70-130		
Bromofluorobenzene	49.57	50.00	ug/Kg	99%		70-130		

Batch QC

Type: Blank	Lab ID: QC1322166	Batch: 389992
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1322166 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Freon 12	ND		ug/Kg	250	42	12/13/25	12/13/25
Chloromethane	ND		ug/Kg	250	27	12/13/25	12/13/25
Vinyl Chloride	ND		ug/Kg	250	37	12/13/25	12/13/25
Bromomethane	67	J	ug/Kg	250	35	12/13/25	12/13/25
Chloroethane	ND		ug/Kg	250	19	12/13/25	12/13/25
Trichlorofluoromethane	ND		ug/Kg	250	16	12/13/25	12/13/25
Acetone	ND		ug/Kg	5,000	380	12/13/25	12/13/25
Freon 113	ND		ug/Kg	250	56	12/13/25	12/13/25
1,1-Dichloroethene	ND		ug/Kg	250	49	12/13/25	12/13/25
Methylene Chloride	ND		ug/Kg	1,000		12/13/25	12/13/25
MTBE	ND		ug/Kg	250	25	12/13/25	12/13/25
trans-1,2-Dichloroethene	ND		ug/Kg	250	44	12/13/25	12/13/25
1,1-Dichloroethane	ND		ug/Kg	250	27	12/13/25	12/13/25
2-Butanone	ND		ug/Kg	5,000	150	12/13/25	12/13/25
cis-1,2-Dichloroethene	ND		ug/Kg	250	32	12/13/25	12/13/25
2,2-Dichloropropane	ND		ug/Kg	250	41	12/13/25	12/13/25
Chloroform	ND		ug/Kg	250	29	12/13/25	12/13/25
Bromochloromethane	ND		ug/Kg	250	32	12/13/25	12/13/25
1,1,1-Trichloroethane	ND		ug/Kg	250	24	12/13/25	12/13/25
1,1-Dichloropropene	ND		ug/Kg	250	45	12/13/25	12/13/25
Carbon Tetrachloride	ND		ug/Kg	250	29	12/13/25	12/13/25
1,2-Dichloroethane	ND		ug/Kg	250	21	12/13/25	12/13/25
Benzene	ND		ug/Kg	250	42	12/13/25	12/13/25
Trichloroethene	ND		ug/Kg	250	22	12/13/25	12/13/25
1,2-Dichloropropane	ND		ug/Kg	250	24	12/13/25	12/13/25
Bromodichloromethane	ND		ug/Kg	250	41	12/13/25	12/13/25
Dibromomethane	ND		ug/Kg	250	24	12/13/25	12/13/25
4-Methyl-2-Pentanone	ND		ug/Kg	250	29	12/13/25	12/13/25
cis-1,3-Dichloropropene	ND		ug/Kg	250	45	12/13/25	12/13/25
Toluene	ND		ug/Kg	250	30	12/13/25	12/13/25
trans-1,3-Dichloropropene	ND		ug/Kg	250	37	12/13/25	12/13/25
1,1,2-Trichloroethane	ND		ug/Kg	250	24	12/13/25	12/13/25
1,3-Dichloropropane	ND		ug/Kg	250	30	12/13/25	12/13/25
Tetrachloroethene	ND		ug/Kg	250	34	12/13/25	12/13/25
Dibromochloromethane	ND		ug/Kg	250	62	12/13/25	12/13/25
1,2-Dibromoethane	ND		ug/Kg	250	17	12/13/25	12/13/25
Chlorobenzene	ND		ug/Kg	250	39	12/13/25	12/13/25
1,1,1,2-Tetrachloroethane	ND		ug/Kg	250	30	12/13/25	12/13/25
Ethylbenzene	ND		ug/Kg	250	27	12/13/25	12/13/25
m,p-Xylenes	ND		ug/Kg	500	26	12/13/25	12/13/25
o-Xylene	ND		ug/Kg	250	20	12/13/25	12/13/25
Styrene	ND		ug/Kg	250	17	12/13/25	12/13/25
Bromoform	ND		ug/Kg	250	60	12/13/25	12/13/25
Isopropylbenzene	ND		ug/Kg	250	17	12/13/25	12/13/25
1,1,2,2-Tetrachloroethane	ND		ug/Kg	250	38	12/13/25	12/13/25
1,2,3-Trichloropropane	ND		ug/Kg	250	20	12/13/25	12/13/25
Propylbenzene	ND		ug/Kg	250	28	12/13/25	12/13/25

Batch QC

QC1322166 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Bromobenzene	ND		ug/Kg	250	12	12/13/25	12/13/25
1,3,5-Trimethylbenzene	ND		ug/Kg	250	21	12/13/25	12/13/25
2-Chlorotoluene	ND		ug/Kg	250	18	12/13/25	12/13/25
4-Chlorotoluene	ND		ug/Kg	250	34	12/13/25	12/13/25
tert-Butylbenzene	ND		ug/Kg	250	23	12/13/25	12/13/25
1,2,4-Trimethylbenzene	ND		ug/Kg	250	15	12/13/25	12/13/25
sec-Butylbenzene	ND		ug/Kg	250	26	12/13/25	12/13/25
para-Isopropyl Toluene	ND		ug/Kg	250	22	12/13/25	12/13/25
1,3-Dichlorobenzene	ND		ug/Kg	250	31	12/13/25	12/13/25
1,4-Dichlorobenzene	ND		ug/Kg	250	28	12/13/25	12/13/25
n-Butylbenzene	ND		ug/Kg	250	23	12/13/25	12/13/25
1,2-Dichlorobenzene	ND		ug/Kg	250	24	12/13/25	12/13/25
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	250	84	12/13/25	12/13/25
1,2,4-Trichlorobenzene	ND		ug/Kg	250	54	12/13/25	12/13/25
Hexachlorobutadiene	ND		ug/Kg	250	24	12/13/25	12/13/25
Naphthalene	ND		ug/Kg	250	27	12/13/25	12/13/25
1,2,3-Trichlorobenzene	ND		ug/Kg	250	23	12/13/25	12/13/25
Xylene (total)	ND		ug/Kg	250		12/13/25	12/13/25
Surrogates				Limits			
Dibromofluoromethane	99%		%REC	70-130		12/13/25	12/13/25
1,2-Dichloroethane-d4	104%		%REC	70-130		12/13/25	12/13/25
Toluene-d8	98%		%REC	70-130		12/13/25	12/13/25
Bromofluorobenzene	98%		%REC	70-130		12/13/25	12/13/25

Batch QC

Type: Blank	Lab ID: QC1322167	Batch: 389992
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1322167 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Freon 12	ND		ug/Kg	5.0	0.5	12/13/25	12/13/25
Chloromethane	ND		ug/Kg	5.0	0.7	12/13/25	12/13/25
Vinyl Chloride	ND		ug/Kg	5.0	0.7	12/13/25	12/13/25
Bromomethane	ND		ug/Kg	5.0	0.9	12/13/25	12/13/25
Chloroethane	ND		ug/Kg	5.0	0.6	12/13/25	12/13/25
Trichlorofluoromethane	ND		ug/Kg	5.0	0.7	12/13/25	12/13/25
Acetone	ND		ug/Kg	100	9.0	12/13/25	12/13/25
Freon 113	ND		ug/Kg	5.0	0.7	12/13/25	12/13/25
1,1-Dichloroethene	ND		ug/Kg	5.0	0.4	12/13/25	12/13/25
Methylene Chloride	ND		ug/Kg	20		12/13/25	12/13/25
MTBE	ND		ug/Kg	5.0	0.4	12/13/25	12/13/25
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	0.5	12/13/25	12/13/25
1,1-Dichloroethane	ND		ug/Kg	5.0	0.3	12/13/25	12/13/25
2-Butanone	ND		ug/Kg	100	2.5	12/13/25	12/13/25
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	0.5	12/13/25	12/13/25
2,2-Dichloropropane	ND		ug/Kg	5.0	0.8	12/13/25	12/13/25
Chloroform	ND		ug/Kg	5.0	0.4	12/13/25	12/13/25
Bromochloromethane	ND		ug/Kg	5.0	0.6	12/13/25	12/13/25
1,1,1-Trichloroethane	ND		ug/Kg	5.0	0.5	12/13/25	12/13/25
1,1-Dichloropropene	ND		ug/Kg	5.0	0.4	12/13/25	12/13/25
Carbon Tetrachloride	ND		ug/Kg	5.0	0.3	12/13/25	12/13/25
1,2-Dichloroethane	ND		ug/Kg	5.0	0.4	12/13/25	12/13/25
Benzene	ND		ug/Kg	5.0	0.4	12/13/25	12/13/25
Trichloroethene	ND		ug/Kg	5.0	0.7	12/13/25	12/13/25
1,2-Dichloropropane	ND		ug/Kg	5.0	0.5	12/13/25	12/13/25
Bromodichloromethane	ND		ug/Kg	5.0	0.6	12/13/25	12/13/25
Dibromomethane	ND		ug/Kg	5.0	0.6	12/13/25	12/13/25
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	0.9	12/13/25	12/13/25
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	0.8	12/13/25	12/13/25
Toluene	ND		ug/Kg	5.0	0.5	12/13/25	12/13/25
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	0.7	12/13/25	12/13/25
1,1,2-Trichloroethane	ND		ug/Kg	5.0	0.4	12/13/25	12/13/25
1,3-Dichloropropane	ND		ug/Kg	5.0	0.6	12/13/25	12/13/25
Tetrachloroethene	ND		ug/Kg	5.0	0.5	12/13/25	12/13/25
Dibromochloromethane	ND		ug/Kg	5.0	0.7	12/13/25	12/13/25
1,2-Dibromoethane	ND		ug/Kg	5.0	0.4	12/13/25	12/13/25
Chlorobenzene	ND		ug/Kg	5.0	0.3	12/13/25	12/13/25
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	0.4	12/13/25	12/13/25
Ethylbenzene	ND		ug/Kg	5.0	0.4	12/13/25	12/13/25
m,p-Xylenes	ND		ug/Kg	10	0.6	12/13/25	12/13/25
o-Xylene	ND		ug/Kg	5.0	0.6	12/13/25	12/13/25
Styrene	ND		ug/Kg	5.0	0.4	12/13/25	12/13/25
Bromoform	ND		ug/Kg	5.0	0.9	12/13/25	12/13/25
Isopropylbenzene	ND		ug/Kg	5.0	0.6	12/13/25	12/13/25
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1.0	12/13/25	12/13/25
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1.1	12/13/25	12/13/25
Propylbenzene	ND		ug/Kg	5.0	0.6	12/13/25	12/13/25

Batch QC

QC1322167 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Bromobenzene	ND		ug/Kg	5.0	0.5	12/13/25	12/13/25
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	0.5	12/13/25	12/13/25
2-Chlorotoluene	ND		ug/Kg	5.0	0.6	12/13/25	12/13/25
4-Chlorotoluene	ND		ug/Kg	5.0	0.5	12/13/25	12/13/25
tert-Butylbenzene	ND		ug/Kg	5.0	0.7	12/13/25	12/13/25
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	0.5	12/13/25	12/13/25
sec-Butylbenzene	ND		ug/Kg	5.0	0.5	12/13/25	12/13/25
para-Isopropyl Toluene	ND		ug/Kg	5.0	0.5	12/13/25	12/13/25
1,3-Dichlorobenzene	ND		ug/Kg	5.0	0.3	12/13/25	12/13/25
1,4-Dichlorobenzene	ND		ug/Kg	5.0	0.5	12/13/25	12/13/25
n-Butylbenzene	ND		ug/Kg	5.0	0.6	12/13/25	12/13/25
1,2-Dichlorobenzene	ND		ug/Kg	5.0	0.3	12/13/25	12/13/25
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1.4	12/13/25	12/13/25
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	0.5	12/13/25	12/13/25
Hexachlorobutadiene	ND		ug/Kg	5.0	0.5	12/13/25	12/13/25
Naphthalene	ND		ug/Kg	5.0	0.6	12/13/25	12/13/25
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	0.4	12/13/25	12/13/25
Xylene (total)	ND		ug/Kg	5.0		12/13/25	12/13/25
Surrogates	Limits						
Dibromofluoromethane	101%		%REC	70-130		12/13/25	12/13/25
1,2-Dichloroethane-d4	106%		%REC	70-130		12/13/25	12/13/25
Toluene-d8	97%		%REC	70-130		12/13/25	12/13/25
Bromofluorobenzene	98%		%REC	70-130		12/13/25	12/13/25

Type: Matrix Spike	Lab ID: QC1322246	Batch: 389992
Matrix (Source ID): Soil (548734-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1322246 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	20.95	ND	20.62	ug/Kg	102%		56-129	1
MTBE	19.50	ND	20.62	ug/Kg	95%		47-130	1
Benzene	19.52	ND	20.62	ug/Kg	95%		54-128	1
Trichloroethene	20.27	ND	20.62	ug/Kg	98%		48-128	1
Toluene	18.54	ND	20.62	ug/Kg	90%		53-123	1
Chlorobenzene	18.04	ND	20.62	ug/Kg	87%		50-125	1
Surrogates								
Dibromofluoromethane	52.77		51.55	ug/Kg	102%		70-130	1
1,2-Dichloroethane-d4	55.66		51.55	ug/Kg	108%		70-130	1
Toluene-d8	49.82		51.55	ug/Kg	97%		70-130	1
Bromofluorobenzene	49.82		51.55	ug/Kg	97%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1322247	Batch: 389992
Matrix (Source ID): Soil (548734-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1322247 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	23.85	ND	20.62	ug/Kg	116%		56-129	13	41	1
MTBE	21.24	ND	20.62	ug/Kg	103%		47-130	9	44	1
Benzene	22.03	ND	20.62	ug/Kg	107%		54-128	12	45	1
Trichloroethene	23.94	ND	20.62	ug/Kg	116%		48-128	17	47	1
Toluene	20.56	ND	20.62	ug/Kg	100%		53-123	10	43	1
Chlorobenzene	20.40	ND	20.62	ug/Kg	99%		50-125	12	44	1
Surrogates										
Dibromofluoromethane	53.32		51.55	ug/Kg	103%		70-130			1
1,2-Dichloroethane-d4	56.25		51.55	ug/Kg	109%		70-130			1
Toluene-d8	50.08		51.55	ug/Kg	97%		70-130			1
Bromofluorobenzene	49.99		51.55	ug/Kg	97%		70-130			1

Type: Lab Control Sample	Lab ID: QC1322889	Batch: 390204
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1322889 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	53.08	50.00	ug/Kg	106%		72-130
MTBE	48.44	50.00	ug/Kg	97%		69-127
Benzene	49.96	50.00	ug/Kg	100%		76-126
Trichloroethene	45.30	50.00	ug/Kg	91%		74-121
Toluene	47.17	50.00	ug/Kg	94%		78-121
Chlorobenzene	45.91	50.00	ug/Kg	92%		80-121
Surrogates						
Dibromofluoromethane	52.08	50.00	ug/Kg	104%		70-130
1,2-Dichloroethane-d4	50.63	50.00	ug/Kg	101%		70-130
Toluene-d8	48.77	50.00	ug/Kg	98%		70-130
Bromofluorobenzene	49.83	50.00	ug/Kg	100%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1322890	Batch: 390204
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1322890 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	54.23	50.00	ug/Kg	108%		72-130	2	26
MTBE	50.21	50.00	ug/Kg	100%		69-127	4	25
Benzene	52.79	50.00	ug/Kg	106%		76-126	6	24
Trichloroethene	47.89	50.00	ug/Kg	96%		74-121	6	26
Toluene	49.55	50.00	ug/Kg	99%		78-121	5	24
Chlorobenzene	48.14	50.00	ug/Kg	96%		80-121	5	23
Surrogates								
Dibromofluoromethane	52.44	50.00	ug/Kg	105%		70-130		
1,2-Dichloroethane-d4	50.50	50.00	ug/Kg	101%		70-130		
Toluene-d8	49.03	50.00	ug/Kg	98%		70-130		
Bromofluorobenzene	49.44	50.00	ug/Kg	99%		70-130		

Batch QC

Type: Blank	Lab ID: QC1322893	Batch: 390204
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1322893 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Freon 12	ND		ug/Kg	5.0	0.5	12/16/25	12/16/25
Chloromethane	ND		ug/Kg	5.0	0.7	12/16/25	12/16/25
Vinyl Chloride	ND		ug/Kg	5.0	0.7	12/16/25	12/16/25
Bromomethane	ND		ug/Kg	5.0	0.9	12/16/25	12/16/25
Chloroethane	ND		ug/Kg	5.0	0.6	12/16/25	12/16/25
Trichlorofluoromethane	ND		ug/Kg	5.0	0.7	12/16/25	12/16/25
Acetone	ND		ug/Kg	100	9.0	12/16/25	12/16/25
Freon 113	ND		ug/Kg	5.0	0.7	12/16/25	12/16/25
1,1-Dichloroethene	ND		ug/Kg	5.0	0.4	12/16/25	12/16/25
Methylene Chloride	ND		ug/Kg	20		12/16/25	12/16/25
MTBE	ND		ug/Kg	5.0	0.4	12/16/25	12/16/25
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	0.5	12/16/25	12/16/25
1,1-Dichloroethane	ND		ug/Kg	5.0	0.3	12/16/25	12/16/25
2-Butanone	ND		ug/Kg	100	2.5	12/16/25	12/16/25
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	0.5	12/16/25	12/16/25
2,2-Dichloropropane	ND		ug/Kg	5.0	0.8	12/16/25	12/16/25
Chloroform	ND		ug/Kg	5.0	0.4	12/16/25	12/16/25
Bromochloromethane	ND		ug/Kg	5.0	0.6	12/16/25	12/16/25
1,1,1-Trichloroethane	ND		ug/Kg	5.0	0.5	12/16/25	12/16/25
1,1-Dichloropropene	ND		ug/Kg	5.0	0.4	12/16/25	12/16/25
Carbon Tetrachloride	ND		ug/Kg	5.0	0.3	12/16/25	12/16/25
1,2-Dichloroethane	ND		ug/Kg	5.0	0.4	12/16/25	12/16/25
Benzene	ND		ug/Kg	5.0	0.4	12/16/25	12/16/25
Trichloroethene	ND		ug/Kg	5.0	0.7	12/16/25	12/16/25
1,2-Dichloropropane	ND		ug/Kg	5.0	0.5	12/16/25	12/16/25
Bromodichloromethane	ND		ug/Kg	5.0	0.6	12/16/25	12/16/25
Dibromomethane	ND		ug/Kg	5.0	0.6	12/16/25	12/16/25
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	0.9	12/16/25	12/16/25
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	0.8	12/16/25	12/16/25
Toluene	ND		ug/Kg	5.0	0.5	12/16/25	12/16/25
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	0.7	12/16/25	12/16/25
1,1,2-Trichloroethane	ND		ug/Kg	5.0	0.4	12/16/25	12/16/25
1,3-Dichloropropane	ND		ug/Kg	5.0	0.6	12/16/25	12/16/25
Tetrachloroethene	ND		ug/Kg	5.0	0.5	12/16/25	12/16/25
Dibromochloromethane	ND		ug/Kg	5.0	0.7	12/16/25	12/16/25
1,2-Dibromoethane	ND		ug/Kg	5.0	0.4	12/16/25	12/16/25
Chlorobenzene	ND		ug/Kg	5.0	0.3	12/16/25	12/16/25
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	0.4	12/16/25	12/16/25
Ethylbenzene	ND		ug/Kg	5.0	0.4	12/16/25	12/16/25
m,p-Xylenes	ND		ug/Kg	10	0.6	12/16/25	12/16/25
o-Xylene	ND		ug/Kg	5.0	0.6	12/16/25	12/16/25
Styrene	ND		ug/Kg	5.0	0.4	12/16/25	12/16/25
Bromoform	ND		ug/Kg	5.0	0.9	12/16/25	12/16/25
Isopropylbenzene	ND		ug/Kg	5.0	0.6	12/16/25	12/16/25
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1.0	12/16/25	12/16/25
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1.1	12/16/25	12/16/25
Propylbenzene	ND		ug/Kg	5.0	0.6	12/16/25	12/16/25

Batch QC

QC1322893 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Bromobenzene	ND		ug/Kg	5.0	0.5	12/16/25	12/16/25
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	0.5	12/16/25	12/16/25
2-Chlorotoluene	ND		ug/Kg	5.0	0.6	12/16/25	12/16/25
4-Chlorotoluene	ND		ug/Kg	5.0	0.5	12/16/25	12/16/25
tert-Butylbenzene	ND		ug/Kg	5.0	0.7	12/16/25	12/16/25
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	0.5	12/16/25	12/16/25
sec-Butylbenzene	ND		ug/Kg	5.0	0.5	12/16/25	12/16/25
para-Isopropyl Toluene	ND		ug/Kg	5.0	0.5	12/16/25	12/16/25
1,3-Dichlorobenzene	ND		ug/Kg	5.0	0.3	12/16/25	12/16/25
1,4-Dichlorobenzene	ND		ug/Kg	5.0	0.5	12/16/25	12/16/25
n-Butylbenzene	ND		ug/Kg	5.0	0.6	12/16/25	12/16/25
1,2-Dichlorobenzene	ND		ug/Kg	5.0	0.3	12/16/25	12/16/25
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1.4	12/16/25	12/16/25
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	0.5	12/16/25	12/16/25
Hexachlorobutadiene	ND		ug/Kg	5.0	0.5	12/16/25	12/16/25
Naphthalene	ND		ug/Kg	5.0	0.6	12/16/25	12/16/25
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	0.4	12/16/25	12/16/25
Xylene (total)	ND		ug/Kg	5.0		12/16/25	12/16/25
Surrogates				Limits			
Dibromofluoromethane	102%		%REC	70-130		12/16/25	12/16/25
1,2-Dichloroethane-d4	105%		%REC	70-130		12/16/25	12/16/25
Toluene-d8	96%		%REC	70-130		12/16/25	12/16/25
Bromofluorobenzene	100%		%REC	70-130		12/16/25	12/16/25

Batch QC

Type: Blank	Lab ID: QC1322894	Batch: 390204
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1322894 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Freon 12	ND		ug/Kg	250	42	12/16/25	12/16/25
Chloromethane	ND		ug/Kg	250	27	12/16/25	12/16/25
Vinyl Chloride	ND		ug/Kg	250	37	12/16/25	12/16/25
Bromomethane	59	J	ug/Kg	250	35	12/16/25	12/16/25
Chloroethane	ND		ug/Kg	250	19	12/16/25	12/16/25
Trichlorofluoromethane	ND		ug/Kg	250	16	12/16/25	12/16/25
Acetone	ND		ug/Kg	5,000	380	12/16/25	12/16/25
Freon 113	ND		ug/Kg	250	56	12/16/25	12/16/25
1,1-Dichloroethene	ND		ug/Kg	250	49	12/16/25	12/16/25
Methylene Chloride	ND		ug/Kg	1,000		12/16/25	12/16/25
MTBE	ND		ug/Kg	250	25	12/16/25	12/16/25
trans-1,2-Dichloroethene	ND		ug/Kg	250	44	12/16/25	12/16/25
1,1-Dichloroethane	ND		ug/Kg	250	27	12/16/25	12/16/25
2-Butanone	ND		ug/Kg	5,000	150	12/16/25	12/16/25
cis-1,2-Dichloroethene	ND		ug/Kg	250	32	12/16/25	12/16/25
2,2-Dichloropropane	ND		ug/Kg	250	41	12/16/25	12/16/25
Chloroform	ND		ug/Kg	250	29	12/16/25	12/16/25
Bromochloromethane	ND		ug/Kg	250	32	12/16/25	12/16/25
1,1,1-Trichloroethane	ND		ug/Kg	250	24	12/16/25	12/16/25
1,1-Dichloropropene	ND		ug/Kg	250	45	12/16/25	12/16/25
Carbon Tetrachloride	ND		ug/Kg	250	29	12/16/25	12/16/25
1,2-Dichloroethane	ND		ug/Kg	250	21	12/16/25	12/16/25
Benzene	ND		ug/Kg	250	42	12/16/25	12/16/25
Trichloroethene	ND		ug/Kg	250	22	12/16/25	12/16/25
1,2-Dichloropropane	ND		ug/Kg	250	24	12/16/25	12/16/25
Bromodichloromethane	ND		ug/Kg	250	41	12/16/25	12/16/25
Dibromomethane	ND		ug/Kg	250	24	12/16/25	12/16/25
4-Methyl-2-Pentanone	ND		ug/Kg	250	29	12/16/25	12/16/25
cis-1,3-Dichloropropene	ND		ug/Kg	250	45	12/16/25	12/16/25
Toluene	ND		ug/Kg	250	30	12/16/25	12/16/25
trans-1,3-Dichloropropene	ND		ug/Kg	250	37	12/16/25	12/16/25
1,1,2-Trichloroethane	ND		ug/Kg	250	24	12/16/25	12/16/25
1,3-Dichloropropane	ND		ug/Kg	250	30	12/16/25	12/16/25
Tetrachloroethene	ND		ug/Kg	250	34	12/16/25	12/16/25
Dibromochloromethane	ND		ug/Kg	250	62	12/16/25	12/16/25
1,2-Dibromoethane	ND		ug/Kg	250	17	12/16/25	12/16/25
Chlorobenzene	ND		ug/Kg	250	39	12/16/25	12/16/25
1,1,1,2-Tetrachloroethane	ND		ug/Kg	250	30	12/16/25	12/16/25
Ethylbenzene	ND		ug/Kg	250	27	12/16/25	12/16/25
m,p-Xylenes	ND		ug/Kg	500	26	12/16/25	12/16/25
o-Xylene	ND		ug/Kg	250	20	12/16/25	12/16/25
Styrene	ND		ug/Kg	250	17	12/16/25	12/16/25
Bromoform	ND		ug/Kg	250	60	12/16/25	12/16/25
Isopropylbenzene	ND		ug/Kg	250	17	12/16/25	12/16/25
1,1,2,2-Tetrachloroethane	ND		ug/Kg	250	38	12/16/25	12/16/25
1,2,3-Trichloropropane	ND		ug/Kg	250	20	12/16/25	12/16/25
Propylbenzene	ND		ug/Kg	250	28	12/16/25	12/16/25

Batch QC

QC1322894 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Bromobenzene	ND		ug/Kg	250	12	12/16/25	12/16/25
1,3,5-Trimethylbenzene	ND		ug/Kg	250	21	12/16/25	12/16/25
2-Chlorotoluene	ND		ug/Kg	250	18	12/16/25	12/16/25
4-Chlorotoluene	ND		ug/Kg	250	34	12/16/25	12/16/25
tert-Butylbenzene	ND		ug/Kg	250	23	12/16/25	12/16/25
1,2,4-Trimethylbenzene	ND		ug/Kg	250	15	12/16/25	12/16/25
sec-Butylbenzene	ND		ug/Kg	250	26	12/16/25	12/16/25
para-Isopropyl Toluene	ND		ug/Kg	250	22	12/16/25	12/16/25
1,3-Dichlorobenzene	ND		ug/Kg	250	31	12/16/25	12/16/25
1,4-Dichlorobenzene	ND		ug/Kg	250	28	12/16/25	12/16/25
n-Butylbenzene	ND		ug/Kg	250	23	12/16/25	12/16/25
1,2-Dichlorobenzene	ND		ug/Kg	250	24	12/16/25	12/16/25
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	250	84	12/16/25	12/16/25
1,2,4-Trichlorobenzene	ND		ug/Kg	250	54	12/16/25	12/16/25
Hexachlorobutadiene	ND		ug/Kg	250	24	12/16/25	12/16/25
Naphthalene	ND		ug/Kg	250	27	12/16/25	12/16/25
1,2,3-Trichlorobenzene	ND		ug/Kg	250	23	12/16/25	12/16/25
Xylene (total)	ND		ug/Kg	250		12/16/25	12/16/25
Surrogates				Limits			
Dibromofluoromethane	101%		%REC	70-130		12/16/25	12/16/25
1,2-Dichloroethane-d4	102%		%REC	70-130		12/16/25	12/16/25
Toluene-d8	96%		%REC	70-130		12/16/25	12/16/25
Bromofluorobenzene	99%		%REC	70-130		12/16/25	12/16/25

Type: Matrix Spike	Lab ID: QC1323002	Batch: 390204
Matrix (Source ID): Soil (548757-025)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1323002 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	14.42	ND	20.28	ug/Kg	71%		56-129	1
MTBE	14.03	ND	20.28	ug/Kg	69%		47-130	1
Benzene	14.02	ND	20.28	ug/Kg	69%		54-128	1
Trichloroethene	11.97	ND	20.28	ug/Kg	59%		48-128	1
Toluene	13.51	ND	20.28	ug/Kg	67%		53-123	1
Chlorobenzene	13.16	ND	20.28	ug/Kg	65%		50-125	1
Surrogates								
Dibromofluoromethane	53.86		50.71	ug/Kg	106%		70-130	1
1,2-Dichloroethane-d4	53.72		50.71	ug/Kg	106%		70-130	1
Toluene-d8	48.72		50.71	ug/Kg	96%		70-130	1
Bromofluorobenzene	50.29		50.71	ug/Kg	99%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1323003	Batch: 390204
Matrix (Source ID): Soil (548757-025)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1323003 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	14.65	ND	20.28	ug/Kg	72%		56-129	2	41	1
MTBE	14.46	ND	20.28	ug/Kg	71%		47-130	3	44	1
Benzene	14.42	ND	20.28	ug/Kg	71%		54-128	3	45	1
Trichloroethene	12.35	ND	20.28	ug/Kg	61%		48-128	3	47	1
Toluene	13.76	ND	20.28	ug/Kg	68%		53-123	2	43	1
Chlorobenzene	13.59	ND	20.28	ug/Kg	67%		50-125	3	44	1
Surrogates										
Dibromofluoromethane	53.01		50.71	ug/Kg	105%		70-130			1
1,2-Dichloroethane-d4	53.52		50.71	ug/Kg	106%		70-130			1
Toluene-d8	49.32		50.71	ug/Kg	97%		70-130			1
Bromofluorobenzene	50.20		50.71	ug/Kg	99%		70-130			1

J Estimated value
ND Not Detected



Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 549190
Report Level : II
Report Date : 12/26/2025

Analytical Report *prepared for:*

Cindy Schreier
Prima Environmental, Inc.
5070 Robert J. Mathews Pkwy
Suite 300
El Dorado Hills, CA 95762

Location: SES - HearthStone

Authorized for release by:

John Goyette, Service Center Manager
(510) 204-2233 Ext 13112
john.goyette@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197



Sample Summary

Cindy Schreier
Prima Environmental, Inc.
5070 Robert J. Mathews
Pkwy
Suite 300
El Dorado Hills, CA 95762

Lab Job #: 549190
Location: SES - HearthStone
Date Received: 12/17/25

Sample ID	Lab ID	Collected	Matrix
SES-HEART PC-A	549190-001	12/16/25 09:30	Water
SES-HEART LOW-A	549190-002	12/16/25 09:30	Water
SES-HEART MED-A	549190-003	12/16/25 09:30	Water
SES-HEART HIGH-A	549190-004	12/16/25 09:30	Water
SES-HEART PC-A SO	549190-005	12/16/25 09:30	Soil
SES-HEART LOW-A SO	549190-006	12/16/25 09:30	Soil
SES-HEART MED-A SO	549190-007	12/16/25 09:30	Soil
SES-HEART HIGH-A SO	549190-008	12/16/25 09:30	Soil

Case Narrative

Prima Environmental, Inc.
5070 Robert J. Mathews Pkwy
Suite 300
El Dorado Hills, CA 95762
Cindy Schreier

Lab Job Number: 549190
Location: SES -
HearthStone
Date Received: 12/17/25

This data package contains sample and QC results for four soil samples and four water samples, requested for the above referenced project on 12/17/25. The samples were received in good condition.

Volatile Organics by GC/MS (EPA 8260B) Water:

No analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B) Soil:

No analytical problems were encountered.

Metals (EPA 6020):

- Low recoveries were observed for manganese in the MS/MSD for batch 390410; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

CHAIN OF CUSTODY

Page 1 of 1
Chain of Custody #: _____

C&T LOGIN # 0616HS

Project No:		Sampler:	Cindy Schreier
Project Name:	SES - HearthStone	Report To:	Cindy Schreier
EDD Format:	_____ Rpt Level: ☐ I ☐ II ☐ III ☐ IV	Company :	PRIMA Environmental, Inc.
Turnaround Time:	☐ RUSH _____ ☒ Standard	Telephone:	916-939-7300
		Email:	data@primaenvironmental.com

Sampler: Cindy Schreier

Report To: Cindy Schreier

Company : PRIMA Environmental, Inc.

Telephone: 916-939-7300

Email: data@primaenvironmental.com[illegible]

Notes:

SAMPLE RECEIPT

☐ Intact ☐ Cold
☐ On Ice ☐ Ambient

Metals field filtered.

Metals samples are purple from

NaMnO₄, concentrations are < 1 g/L

RELINQUISHED BY:

5218125

Manuel Litzinger - Pfl. VA

DATE/TIME

DATE/TIME

RECEIVED BY:

2019

Index

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SAMPLE RECEIPT CHECKLIST



Section 1: General Info

Date Received: 12/17/25 WO# 549190 Client: PRIMA Environmental

Section 2: Shipping / Custody

Are custody seals present? ☐ Yes ☒ No

Custody seals intact on arrival? ☐ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

☐ Courier ☐ Walk-In ☐ Field Sampling ☒ Shipping Info: FedEx

Section 3a: Condition / Packaging

☐ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)

Date Opened 12/17/25 By (initials) FPD

Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): / Thermometer/IR Gun: IR10 CF: +0.2

Cooler Temp (°C) #1: 5.2 / 5.4 #2: / #3: / #4: / #5: / #6: /

Section 3b: Microbiology Samples

☒ No microbiology samples submitted (skip 3b)

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples

☒ No air samples submitted (skip 3c)

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other

Section 4: Containers / Labels / Samples

YES NO N/A

1) Were custody papers present, filled properly, and legible?

x

2) Is the sampler's name present on the CoC?

x

3) Were containers received in good condition (unbroken / unopened / uncompromised)?

x

4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)

x

5) Were all of, and only, the correct samples received?

x

6) Are sample labels present, legible, and in agreement with the CoC?

x

7) Does the container count match the CoC?

x

8) Was sufficient sample volume / mass received for the analyses requested?

x

9) Were samples received in proper containers for the analyses requested?

x

10) Were samples received with > 1/2 holding time remaining?

x

11) Are samples properly preserved as indicated by CoC / labels?

x

12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?

x

13) Are VOA vials free from headspace/bubbles > 6mm?

x

Section 5: Explanations / Comments

(If no comments are made, then no discrepancies noted.)

☐ No additional discrepancies

Date Logged 12/16/25

By (print)

MAY

(sign)

my

Date Labeled 12/17/25

By (print)

FPD

(sign)

ORIGIN ID/MHRA (916) 938-7300
CINDY SCHREIER
PRIMA ENVIRONMENTAL INC.
5070 ROBERT J. MATHEWS PKWY
SUITE 300
EL DORADO HILLS, CA 95762
UNITED STATES US

TO **SAMPLE RECEIVING**
ENTHALPY ANALYTICAL
931 WEST BARKLEY AVE

ORANGE CA 92868

REF: SES-HEART/STRAT-AND

(714) 771-6800

INV:

PO:

DEPT:



FedEx
Express



J254025092401uv

WED - 17 DEC 12:00P
PRIORITY OVERNIGHT

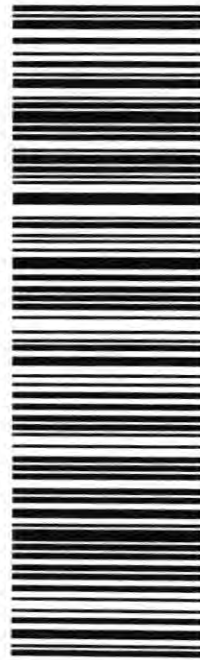
TRK# **8871 6251 8949**

0201

92 APVA

92868

CA-US SNA



After printing this label:
1. Fold the printed page along the horizontal line.
2. Place label in shipping pouch and affix it to your shipment.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

Analysis Results for 549190

Cindy Schreier
Prima Environmental, Inc.
5070 Robert J. Mathews Pkwy
Suite 300
El Dorado Hills, CA 95762

Lab Job #: 549190
Location: SES - HearthStone
Date Received: 12/17/25

Sample ID: SES-HEART PC-A

Lab ID: 549190-001

Collected: 12/16/25 09:30

549190-001 Analyte	Result	Qual	Units	RL	MDL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6020											
Prep Method: EPA 3015A											
Chromium	ND		ug/L	50	3.4	Filtrate	10	390410	12/17/25	12/18/25	KAM
Manganese	57	J	ug/L	100	43	Filtrate	10	390410	12/17/25	12/18/25	KAM
Method: EPA 8260B											
Prep Method: EPA 5030B											
Freon 12	ND		ug/L	50	8.4	Water	100	390953	12/24/25	12/24/25	TCN
Chloromethane	ND		ug/L	50	8.6	Water	100	390953	12/24/25	12/24/25	TCN
Vinyl Chloride	19	J	ug/L	50	5.7	Water	100	390953	12/24/25	12/24/25	TCN
Bromomethane	ND		ug/L	100	15	Water	100	390953	12/24/25	12/24/25	TCN
Chloroethane	ND		ug/L	50	13	Water	100	390953	12/24/25	12/24/25	TCN
Trichlorofluoromethane	ND		ug/L	50	4.8	Water	100	390953	12/24/25	12/24/25	TCN
Acetone	ND		ug/L	2,000	500	Water	100	390953	12/24/25	12/24/25	TCN
Freon 113	ND		ug/L	50	11	Water	100	390953	12/24/25	12/24/25	TCN
1,1-Dichloroethene	ND		ug/L	50	9.0	Water	100	390953	12/24/25	12/24/25	TCN
Methylene Chloride	ND		ug/L	1,000	24	Water	100	390953	12/24/25	12/24/25	TCN
MTBE	ND		ug/L	50	8.4	Water	100	390953	12/24/25	12/24/25	TCN
trans-1,2-Dichloroethene	ND		ug/L	50	11	Water	100	390953	12/24/25	12/24/25	TCN
1,1-Dichloroethane	ND		ug/L	50	6.0	Water	100	390953	12/24/25	12/24/25	TCN
2-Butanone	ND		ug/L	500	150	Water	100	390953	12/24/25	12/24/25	TCN
cis-1,2-Dichloroethene	230		ug/L	50	6.0	Water	100	390953	12/24/25	12/24/25	TCN
2,2-Dichloropropane	ND		ug/L	50	12	Water	100	390953	12/24/25	12/24/25	TCN
Chloroform	ND		ug/L	50	8.2	Water	100	390953	12/24/25	12/24/25	TCN
Bromochloromethane	ND		ug/L	50	15	Water	100	390953	12/24/25	12/24/25	TCN
1,1,1-Trichloroethane	ND		ug/L	50	7.3	Water	100	390953	12/24/25	12/24/25	TCN
1,1-Dichloropropene	ND		ug/L	50	6.7	Water	100	390953	12/24/25	12/24/25	TCN
Carbon Tetrachloride	ND		ug/L	50	7.1	Water	100	390953	12/24/25	12/24/25	TCN
1,2-Dichloroethane	ND		ug/L	50	14	Water	100	390953	12/24/25	12/24/25	TCN
Benzene	ND		ug/L	50	3.3	Water	100	390953	12/24/25	12/24/25	TCN
Trichloroethene	160		ug/L	50	5.2	Water	100	390953	12/24/25	12/24/25	TCN
1,2-Dichloropropane	ND		ug/L	50	11	Water	100	390953	12/24/25	12/24/25	TCN
Bromodichloromethane	ND		ug/L	50	9.3	Water	100	390953	12/24/25	12/24/25	TCN
Dibromomethane	ND		ug/L	50	10	Water	100	390953	12/24/25	12/24/25	TCN
4-Methyl-2-Pentanone	ND		ug/L	500	100	Water	100	390953	12/24/25	12/24/25	TCN
cis-1,3-Dichloropropene	ND		ug/L	50	6.4	Water	100	390953	12/24/25	12/24/25	TCN
Toluene	ND		ug/L	50	5.7	Water	100	390953	12/24/25	12/24/25	TCN
trans-1,3-Dichloropropene	ND		ug/L	50	7.9	Water	100	390953	12/24/25	12/24/25	TCN
1,1,2-Trichloroethane	ND		ug/L	50	19	Water	100	390953	12/24/25	12/24/25	TCN
1,3-Dichloropropane	ND		ug/L	50	11	Water	100	390953	12/24/25	12/24/25	TCN
Tetrachloroethene	4,000		ug/L	50	11	Water	100	390953	12/24/25	12/24/25	TCN
Dibromochloromethane	ND		ug/L	50	8.6	Water	100	390953	12/24/25	12/24/25	TCN
1,2-Dibromoethane	ND		ug/L	50	11	Water	100	390953	12/24/25	12/24/25	TCN
Chlorobenzene	ND		ug/L	50	8.7	Water	100	390953	12/24/25	12/24/25	TCN

Analysis Results for 549190

549190-001 Analyte	Result	Qual	Units	RL	MDL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
1,1,1,2-Tetrachloroethane	ND		ug/L	50	9.9	Water	100	390953	12/24/25	12/24/25	TCN
Ethylbenzene	ND		ug/L	50	9.1	Water	100	390953	12/24/25	12/24/25	TCN
m,p-Xylenes	ND		ug/L	100	11	Water	100	390953	12/24/25	12/24/25	TCN
o-Xylene	ND		ug/L	50	5.8	Water	100	390953	12/24/25	12/24/25	TCN
Styrene	ND		ug/L	50	8.6	Water	100	390953	12/24/25	12/24/25	TCN
Bromoform	ND		ug/L	100	7.5	Water	100	390953	12/24/25	12/24/25	TCN
Propylbenzene	ND		ug/L	50	7.0	Water	100	390953	12/24/25	12/24/25	TCN
Isopropylbenzene	ND		ug/L	50	4.9	Water	100	390953	12/24/25	12/24/25	TCN
1,1,2,2-Tetrachloroethane	ND		ug/L	50	6.8	Water	100	390953	12/24/25	12/24/25	TCN
1,2,3-Trichloropropane	ND		ug/L	50	14	Water	100	390953	12/24/25	12/24/25	TCN
Bromobenzene	ND		ug/L	100	3.4	Water	100	390953	12/24/25	12/24/25	TCN
1,3,5-Trimethylbenzene	ND		ug/L	50	6.1	Water	100	390953	12/24/25	12/24/25	TCN
2-Chlorotoluene	ND		ug/L	50	5.2	Water	100	390953	12/24/25	12/24/25	TCN
4-Chlorotoluene	ND		ug/L	50	5.9	Water	100	390953	12/24/25	12/24/25	TCN
tert-Butylbenzene	ND		ug/L	50	2.6	Water	100	390953	12/24/25	12/24/25	TCN
1,2,4-Trimethylbenzene	3.8	J	ug/L	50	3.2	Water	100	390953	12/24/25	12/24/25	TCN
sec-Butylbenzene	ND		ug/L	50	6.5	Water	100	390953	12/24/25	12/24/25	TCN
para-Isopropyl Toluene	ND		ug/L	50	7.3	Water	100	390953	12/24/25	12/24/25	TCN
1,3-Dichlorobenzene	ND		ug/L	50	5.7	Water	100	390953	12/24/25	12/24/25	TCN
1,4-Dichlorobenzene	ND		ug/L	50	9.5	Water	100	390953	12/24/25	12/24/25	TCN
n-Butylbenzene	ND		ug/L	50	6.4	Water	100	390953	12/24/25	12/24/25	TCN
1,2-Dichlorobenzene	ND		ug/L	50	8.5	Water	100	390953	12/24/25	12/24/25	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/L	200	46	Water	100	390953	12/24/25	12/24/25	TCN
1,2,4-Trichlorobenzene	ND		ug/L	50	6.9	Water	100	390953	12/24/25	12/24/25	TCN
Hexachlorobutadiene	ND		ug/L	200	24	Water	100	390953	12/24/25	12/24/25	TCN
Naphthalene	ND		ug/L	200	20	Water	100	390953	12/24/25	12/24/25	TCN
1,2,3-Trichlorobenzene	ND		ug/L	50	8.1	Water	100	390953	12/24/25	12/24/25	TCN
Isopropyl Ether (DIPE)	ND		ug/L	50	16	Water	100	390953	12/24/25	12/24/25	TCN
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	50	9.5	Water	100	390953	12/24/25	12/24/25	TCN
tert-Butyl Alcohol (TBA)	ND		ug/L	1,000	340	Water	100	390953	12/24/25	12/24/25	TCN
Methyl tert-Amyl Ether (TAME)	ND		ug/L	50	9.3	Water	100	390953	12/24/25	12/24/25	TCN
Xylene (total)	ND		ug/L	50		Water	100	390953	12/24/25	12/24/25	TCN
Surrogates				Limits							
Dibromofluoromethane	96%		%REC	70-130		Water	100	390953	12/24/25	12/24/25	TCN
1,2-Dichloroethane-d4	87%		%REC	70-130		Water	100	390953	12/24/25	12/24/25	TCN
Toluene-d8	105%		%REC	70-130		Water	100	390953	12/24/25	12/24/25	TCN
Bromofluorobenzene	105%		%REC	70-130		Water	100	390953	12/24/25	12/24/25	TCN

Analysis Results for 549190

Sample ID: SES-HEART LOW-A
Lab ID: 549190-002
Collected: 12/16/25 09:30

549190-002 Analyte	Result	Qual	Units	RL	MDL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6020											
Prep Method: EPA 3015A											
Chromium	76	J	ug/L	500	34	Filtrate	100	390410	12/17/25	12/18/25	KAM
Manganese	42,000		ug/L	1,000	170	Filtrate	100	390410	12/17/25	12/18/25	KAM
Method: EPA 8260B											
Prep Method: EPA 5030B											
Freon 12	ND		ug/L	0.5	0.08	Water	1	390953	12/24/25	12/24/25	TCN
Chloromethane	ND		ug/L	0.5	0.09	Water	1	390953	12/24/25	12/24/25	TCN
Vinyl Chloride	ND		ug/L	0.5	0.06	Water	1	390953	12/24/25	12/24/25	TCN
Bromomethane	ND		ug/L	1.0	0.1	Water	1	390953	12/24/25	12/24/25	TCN
Chloroethane	ND		ug/L	0.5	0.1	Water	1	390953	12/24/25	12/24/25	TCN
Trichlorofluoromethane	ND		ug/L	0.5	0.05	Water	1	390953	12/24/25	12/24/25	TCN
Acetone	25		ug/L	20	5.0	Water	1	390953	12/24/25	12/24/25	TCN
Freon 113	ND		ug/L	0.5	0.1	Water	1	390953	12/24/25	12/24/25	TCN
1,1-Dichloroethene	ND		ug/L	0.5	0.09	Water	1	390953	12/24/25	12/24/25	TCN
Methylene Chloride	ND		ug/L	10	0.2	Water	1	390953	12/24/25	12/24/25	TCN
MTBE	ND		ug/L	0.5	0.08	Water	1	390953	12/24/25	12/24/25	TCN
trans-1,2-Dichloroethene	ND		ug/L	0.5	0.1	Water	1	390953	12/24/25	12/24/25	TCN
1,1-Dichloroethane	ND		ug/L	0.5	0.06	Water	1	390953	12/24/25	12/24/25	TCN
2-Butanone	1.8	J	ug/L	5.0	1.5	Water	1	390953	12/24/25	12/24/25	TCN
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	Water	1	390953	12/24/25	12/24/25	TCN
2,2-Dichloropropane	ND		ug/L	0.5	0.1	Water	1	390953	12/24/25	12/24/25	TCN
Chloroform	ND		ug/L	0.5	0.08	Water	1	390953	12/24/25	12/24/25	TCN
Bromochloromethane	ND		ug/L	0.5	0.2	Water	1	390953	12/24/25	12/24/25	TCN
1,1,1-Trichloroethane	ND		ug/L	0.5	0.07	Water	1	390953	12/24/25	12/24/25	TCN
1,1-Dichloropropene	ND		ug/L	0.5	0.07	Water	1	390953	12/24/25	12/24/25	TCN
Carbon Tetrachloride	ND		ug/L	0.5	0.07	Water	1	390953	12/24/25	12/24/25	TCN
1,2-Dichloroethane	ND		ug/L	0.5	0.1	Water	1	390953	12/24/25	12/24/25	TCN
Benzene	0.05	J	ug/L	0.5	0.03	Water	1	390953	12/24/25	12/24/25	TCN
Trichloroethene	ND		ug/L	0.5	0.05	Water	1	390953	12/24/25	12/24/25	TCN
1,2-Dichloropropane	ND		ug/L	0.5	0.1	Water	1	390953	12/24/25	12/24/25	TCN
Bromodichloromethane	ND		ug/L	0.5	0.09	Water	1	390953	12/24/25	12/24/25	TCN
Dibromomethane	ND		ug/L	0.5	0.1	Water	1	390953	12/24/25	12/24/25	TCN
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	Water	1	390953	12/24/25	12/24/25	TCN
cis-1,3-Dichloropropene	ND		ug/L	0.5	0.06	Water	1	390953	12/24/25	12/24/25	TCN
Toluene	0.07	J	ug/L	0.5	0.06	Water	1	390953	12/24/25	12/24/25	TCN
trans-1,3-Dichloropropene	ND		ug/L	0.5	0.08	Water	1	390953	12/24/25	12/24/25	TCN
1,1,2-Trichloroethane	ND		ug/L	0.5	0.2	Water	1	390953	12/24/25	12/24/25	TCN
1,3-Dichloropropane	ND		ug/L	0.5	0.1	Water	1	390953	12/24/25	12/24/25	TCN
Tetrachloroethene	ND		ug/L	0.5	0.1	Water	1	390953	12/24/25	12/24/25	TCN
Dibromochloromethane	ND		ug/L	0.5	0.09	Water	1	390953	12/24/25	12/24/25	TCN
1,2-Dibromoethane	ND		ug/L	0.5	0.1	Water	1	390953	12/24/25	12/24/25	TCN
Chlorobenzene	0.2	J	ug/L	0.5	0.09	Water	1	390953	12/24/25	12/24/25	TCN
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	0.1	Water	1	390953	12/24/25	12/24/25	TCN
Ethylbenzene	ND		ug/L	0.5	0.09	Water	1	390953	12/24/25	12/24/25	TCN
m,p-Xylenes	ND		ug/L	1.0	0.1	Water	1	390953	12/24/25	12/24/25	TCN
o-Xylene	ND		ug/L	0.5	0.06	Water	1	390953	12/24/25	12/24/25	TCN
Styrene	ND		ug/L	0.5	0.09	Water	1	390953	12/24/25	12/24/25	TCN

Analysis Results for 549190

549190-002 Analyte	Result	Qual	Units	RL	MDL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Bromoform	ND		ug/L	1.0	0.07	Water	1	390953	12/24/25	12/24/25	TCN
Propylbenzene	ND		ug/L	0.5	0.07	Water	1	390953	12/24/25	12/24/25	TCN
Isopropylbenzene	ND		ug/L	0.5	0.05	Water	1	390953	12/24/25	12/24/25	TCN
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	0.07	Water	1	390953	12/24/25	12/24/25	TCN
1,2,3-Trichloropropane	ND		ug/L	0.5	0.1	Water	1	390953	12/24/25	12/24/25	TCN
Bromobenzene	ND		ug/L	1.0	0.03	Water	1	390953	12/24/25	12/24/25	TCN
1,3,5-Trimethylbenzene	ND		ug/L	0.5	0.06	Water	1	390953	12/24/25	12/24/25	TCN
2-Chlorotoluene	ND		ug/L	0.5	0.05	Water	1	390953	12/24/25	12/24/25	TCN
4-Chlorotoluene	ND		ug/L	0.5	0.06	Water	1	390953	12/24/25	12/24/25	TCN
tert-Butylbenzene	ND		ug/L	0.5	0.03	Water	1	390953	12/24/25	12/24/25	TCN
1,2,4-Trimethylbenzene	ND		ug/L	0.5	0.03	Water	1	390953	12/24/25	12/24/25	TCN
sec-Butylbenzene	ND		ug/L	0.5	0.06	Water	1	390953	12/24/25	12/24/25	TCN
para-Isopropyl Toluene	ND		ug/L	0.5	0.07	Water	1	390953	12/24/25	12/24/25	TCN
1,3-Dichlorobenzene	ND		ug/L	0.5	0.06	Water	1	390953	12/24/25	12/24/25	TCN
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	Water	1	390953	12/24/25	12/24/25	TCN
n-Butylbenzene	ND		ug/L	0.5	0.06	Water	1	390953	12/24/25	12/24/25	TCN
1,2-Dichlorobenzene	ND		ug/L	0.5	0.09	Water	1	390953	12/24/25	12/24/25	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	0.5	Water	1	390953	12/24/25	12/24/25	TCN
1,2,4-Trichlorobenzene	ND		ug/L	0.5	0.07	Water	1	390953	12/24/25	12/24/25	TCN
Hexachlorobutadiene	ND		ug/L	2.0	0.2	Water	1	390953	12/24/25	12/24/25	TCN
Naphthalene	ND		ug/L	2.0	0.2	Water	1	390953	12/24/25	12/24/25	TCN
1,2,3-Trichlorobenzene	ND		ug/L	0.5	0.08	Water	1	390953	12/24/25	12/24/25	TCN
Isopropyl Ether (DIPE)	ND		ug/L	0.5	0.2	Water	1	390953	12/24/25	12/24/25	TCN
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	0.5	0.09	Water	1	390953	12/24/25	12/24/25	TCN
tert-Butyl Alcohol (TBA)	ND		ug/L	10	3.4	Water	1	390953	12/24/25	12/24/25	TCN
Methyl tert-Amyl Ether (TAME)	ND		ug/L	0.5	0.09	Water	1	390953	12/24/25	12/24/25	TCN
Xylene (total)	ND		ug/L	0.5		Water	1	390953	12/24/25	12/24/25	TCN
Surrogates	Limits										
Dibromofluoromethane	97%		%REC	70-130		Water	1	390953	12/24/25	12/24/25	TCN
1,2-Dichloroethane-d4	92%		%REC	70-130		Water	1	390953	12/24/25	12/24/25	TCN
Toluene-d8	103%		%REC	70-130		Water	1	390953	12/24/25	12/24/25	TCN
Bromofluorobenzene	102%		%REC	70-130		Water	1	390953	12/24/25	12/24/25	TCN

Analysis Results for 549190

Sample ID: SES-HEART MED-A
Lab ID: 549190-003
Collected: 12/16/25 09:30

549190-003 Analyte	Result	Qual	Units	RL	MDL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6020											
Prep Method: EPA 3015A											
Chromium	100	J	ug/L	500	34	Filtrate	100	390410	12/17/25	12/18/25	KAM
Manganese	80,000		ug/L	1,000	170	Filtrate	100	390410	12/17/25	12/18/25	KAM
Method: EPA 8260B											
Prep Method: EPA 5030B											
Freon 12	ND		ug/L	0.5	0.08	Water	1	390953	12/24/25	12/24/25	TCN
Chloromethane	ND		ug/L	0.5	0.09	Water	1	390953	12/24/25	12/24/25	TCN
Vinyl Chloride	ND		ug/L	0.5	0.06	Water	1	390953	12/24/25	12/24/25	TCN
Bromomethane	ND		ug/L	1.0	0.1	Water	1	390953	12/24/25	12/24/25	TCN
Chloroethane	ND		ug/L	0.5	0.1	Water	1	390953	12/24/25	12/24/25	TCN
Trichlorofluoromethane	ND		ug/L	0.5	0.05	Water	1	390953	12/24/25	12/24/25	TCN
Acetone	37		ug/L	20	5.0	Water	1	390953	12/24/25	12/24/25	TCN
Freon 113	ND		ug/L	0.5	0.1	Water	1	390953	12/24/25	12/24/25	TCN
1,1-Dichloroethene	ND		ug/L	0.5	0.09	Water	1	390953	12/24/25	12/24/25	TCN
Methylene Chloride	ND		ug/L	10	0.2	Water	1	390953	12/24/25	12/24/25	TCN
MTBE	ND		ug/L	0.5	0.08	Water	1	390953	12/24/25	12/24/25	TCN
trans-1,2-Dichloroethene	ND		ug/L	0.5	0.1	Water	1	390953	12/24/25	12/24/25	TCN
1,1-Dichloroethane	ND		ug/L	0.5	0.06	Water	1	390953	12/24/25	12/24/25	TCN
2-Butanone	3.0	J	ug/L	5.0	1.5	Water	1	390953	12/24/25	12/24/25	TCN
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	Water	1	390953	12/24/25	12/24/25	TCN
2,2-Dichloropropane	ND		ug/L	0.5	0.1	Water	1	390953	12/24/25	12/24/25	TCN
Chloroform	ND		ug/L	0.5	0.08	Water	1	390953	12/24/25	12/24/25	TCN
Bromochloromethane	ND		ug/L	0.5	0.2	Water	1	390953	12/24/25	12/24/25	TCN
1,1,1-Trichloroethane	ND		ug/L	0.5	0.07	Water	1	390953	12/24/25	12/24/25	TCN
1,1-Dichloropropene	ND		ug/L	0.5	0.07	Water	1	390953	12/24/25	12/24/25	TCN
Carbon Tetrachloride	ND		ug/L	0.5	0.07	Water	1	390953	12/24/25	12/24/25	TCN
1,2-Dichloroethane	ND		ug/L	0.5	0.1	Water	1	390953	12/24/25	12/24/25	TCN
Benzene	0.07	J	ug/L	0.5	0.03	Water	1	390953	12/24/25	12/24/25	TCN
Trichloroethene	ND		ug/L	0.5	0.05	Water	1	390953	12/24/25	12/24/25	TCN
1,2-Dichloropropane	ND		ug/L	0.5	0.1	Water	1	390953	12/24/25	12/24/25	TCN
Bromodichloromethane	ND		ug/L	0.5	0.09	Water	1	390953	12/24/25	12/24/25	TCN
Dibromomethane	ND		ug/L	0.5	0.1	Water	1	390953	12/24/25	12/24/25	TCN
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	Water	1	390953	12/24/25	12/24/25	TCN
cis-1,3-Dichloropropene	ND		ug/L	0.5	0.06	Water	1	390953	12/24/25	12/24/25	TCN
Toluene	ND		ug/L	0.5	0.06	Water	1	390953	12/24/25	12/24/25	TCN
trans-1,3-Dichloropropene	ND		ug/L	0.5	0.08	Water	1	390953	12/24/25	12/24/25	TCN
1,1,2-Trichloroethane	ND		ug/L	0.5	0.2	Water	1	390953	12/24/25	12/24/25	TCN
1,3-Dichloropropane	ND		ug/L	0.5	0.1	Water	1	390953	12/24/25	12/24/25	TCN
Tetrachloroethene	ND		ug/L	0.5	0.1	Water	1	390953	12/24/25	12/24/25	TCN
Dibromochloromethane	ND		ug/L	0.5	0.09	Water	1	390953	12/24/25	12/24/25	TCN
1,2-Dibromoethane	ND		ug/L	0.5	0.1	Water	1	390953	12/24/25	12/24/25	TCN
Chlorobenzene	0.2	J	ug/L	0.5	0.09	Water	1	390953	12/24/25	12/24/25	TCN
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	0.1	Water	1	390953	12/24/25	12/24/25	TCN
Ethylbenzene	ND		ug/L	0.5	0.09	Water	1	390953	12/24/25	12/24/25	TCN
m,p-Xylenes	ND		ug/L	1.0	0.1	Water	1	390953	12/24/25	12/24/25	TCN
o-Xylene	ND		ug/L	0.5	0.06	Water	1	390953	12/24/25	12/24/25	TCN
Styrene	ND		ug/L	0.5	0.09	Water	1	390953	12/24/25	12/24/25	TCN

Analysis Results for 549190

549190-003 Analyte	Result	Qual	Units	RL	MDL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Bromoform	ND		ug/L	1.0	0.07	Water	1	390953	12/24/25	12/24/25	TCN
Propylbenzene	ND		ug/L	0.5	0.07	Water	1	390953	12/24/25	12/24/25	TCN
Isopropylbenzene	ND		ug/L	0.5	0.05	Water	1	390953	12/24/25	12/24/25	TCN
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	0.07	Water	1	390953	12/24/25	12/24/25	TCN
1,2,3-Trichloropropane	ND		ug/L	0.5	0.1	Water	1	390953	12/24/25	12/24/25	TCN
Bromobenzene	ND		ug/L	1.0	0.03	Water	1	390953	12/24/25	12/24/25	TCN
1,3,5-Trimethylbenzene	ND		ug/L	0.5	0.06	Water	1	390953	12/24/25	12/24/25	TCN
2-Chlorotoluene	ND		ug/L	0.5	0.05	Water	1	390953	12/24/25	12/24/25	TCN
4-Chlorotoluene	ND		ug/L	0.5	0.06	Water	1	390953	12/24/25	12/24/25	TCN
tert-Butylbenzene	ND		ug/L	0.5	0.03	Water	1	390953	12/24/25	12/24/25	TCN
1,2,4-Trimethylbenzene	0.03	J	ug/L	0.5	0.03	Water	1	390953	12/24/25	12/24/25	TCN
sec-Butylbenzene	ND		ug/L	0.5	0.06	Water	1	390953	12/24/25	12/24/25	TCN
para-Isopropyl Toluene	ND		ug/L	0.5	0.07	Water	1	390953	12/24/25	12/24/25	TCN
1,3-Dichlorobenzene	ND		ug/L	0.5	0.06	Water	1	390953	12/24/25	12/24/25	TCN
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	Water	1	390953	12/24/25	12/24/25	TCN
n-Butylbenzene	ND		ug/L	0.5	0.06	Water	1	390953	12/24/25	12/24/25	TCN
1,2-Dichlorobenzene	ND		ug/L	0.5	0.09	Water	1	390953	12/24/25	12/24/25	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	0.5	Water	1	390953	12/24/25	12/24/25	TCN
1,2,4-Trichlorobenzene	ND		ug/L	0.5	0.07	Water	1	390953	12/24/25	12/24/25	TCN
Hexachlorobutadiene	ND		ug/L	2.0	0.2	Water	1	390953	12/24/25	12/24/25	TCN
Naphthalene	ND		ug/L	2.0	0.2	Water	1	390953	12/24/25	12/24/25	TCN
1,2,3-Trichlorobenzene	ND		ug/L	0.5	0.08	Water	1	390953	12/24/25	12/24/25	TCN
Isopropyl Ether (DIPE)	ND		ug/L	0.5	0.2	Water	1	390953	12/24/25	12/24/25	TCN
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	0.5	0.09	Water	1	390953	12/24/25	12/24/25	TCN
tert-Butyl Alcohol (TBA)	ND		ug/L	10	3.4	Water	1	390953	12/24/25	12/24/25	TCN
Methyl tert-Amyl Ether (TAME)	ND		ug/L	0.5	0.09	Water	1	390953	12/24/25	12/24/25	TCN
Xylene (total)	ND		ug/L	0.5		Water	1	390953	12/24/25	12/24/25	TCN
Surrogates				Limits							
Dibromofluoromethane	95%		%REC	70-130		Water	1	390953	12/24/25	12/24/25	TCN
1,2-Dichloroethane-d4	90%		%REC	70-130		Water	1	390953	12/24/25	12/24/25	TCN
Toluene-d8	103%		%REC	70-130		Water	1	390953	12/24/25	12/24/25	TCN
Bromofluorobenzene	104%		%REC	70-130		Water	1	390953	12/24/25	12/24/25	TCN

Analysis Results for 549190

Sample ID: SES-HEART HIGH-A
Lab ID: 549190-004
Collected: 12/16/25 09:30

549190-004 Analyte	Result	Qual	Units	RL	MDL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6020											
Prep Method: EPA 3015A											
Chromium	130	J	ug/L	500	34	Filtrate	100	390410	12/17/25	12/18/25	KAM
Manganese	130,000		ug/L	2,000	850	Filtrate	200	390410	12/17/25	12/18/25	KAM
Method: EPA 8260B											
Prep Method: EPA 5030B											
Freon 12	ND		ug/L	0.5	0.08	Water	1	390953	12/24/25	12/24/25	TCN
Chloromethane	ND		ug/L	0.5	0.09	Water	1	390953	12/24/25	12/24/25	TCN
Vinyl Chloride	ND		ug/L	0.5	0.06	Water	1	390953	12/24/25	12/24/25	TCN
Bromomethane	ND		ug/L	1.0	0.1	Water	1	390953	12/24/25	12/24/25	TCN
Chloroethane	ND		ug/L	0.5	0.1	Water	1	390953	12/24/25	12/24/25	TCN
Trichlorofluoromethane	ND		ug/L	0.5	0.05	Water	1	390953	12/24/25	12/24/25	TCN
Acetone	50		ug/L	20	5.0	Water	1	390953	12/24/25	12/24/25	TCN
Freon 113	ND		ug/L	0.5	0.1	Water	1	390953	12/24/25	12/24/25	TCN
1,1-Dichloroethene	ND		ug/L	0.5	0.09	Water	1	390953	12/24/25	12/24/25	TCN
Methylene Chloride	ND		ug/L	10	0.2	Water	1	390953	12/24/25	12/24/25	TCN
MTBE	ND		ug/L	0.5	0.08	Water	1	390953	12/24/25	12/24/25	TCN
trans-1,2-Dichloroethene	ND		ug/L	0.5	0.1	Water	1	390953	12/24/25	12/24/25	TCN
1,1-Dichloroethane	ND		ug/L	0.5	0.06	Water	1	390953	12/24/25	12/24/25	TCN
2-Butanone	4.2	J	ug/L	5.0	1.5	Water	1	390953	12/24/25	12/24/25	TCN
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	Water	1	390953	12/24/25	12/24/25	TCN
2,2-Dichloropropane	ND		ug/L	0.5	0.1	Water	1	390953	12/24/25	12/24/25	TCN
Chloroform	ND		ug/L	0.5	0.08	Water	1	390953	12/24/25	12/24/25	TCN
Bromochloromethane	ND		ug/L	0.5	0.2	Water	1	390953	12/24/25	12/24/25	TCN
1,1,1-Trichloroethane	ND		ug/L	0.5	0.07	Water	1	390953	12/24/25	12/24/25	TCN
1,1-Dichloropropene	ND		ug/L	0.5	0.07	Water	1	390953	12/24/25	12/24/25	TCN
Carbon Tetrachloride	ND		ug/L	0.5	0.07	Water	1	390953	12/24/25	12/24/25	TCN
1,2-Dichloroethane	ND		ug/L	0.5	0.1	Water	1	390953	12/24/25	12/24/25	TCN
Benzene	0.07	J	ug/L	0.5	0.03	Water	1	390953	12/24/25	12/24/25	TCN
Trichloroethene	ND		ug/L	0.5	0.05	Water	1	390953	12/24/25	12/24/25	TCN
1,2-Dichloropropane	ND		ug/L	0.5	0.1	Water	1	390953	12/24/25	12/24/25	TCN
Bromodichloromethane	ND		ug/L	0.5	0.09	Water	1	390953	12/24/25	12/24/25	TCN
Dibromomethane	ND		ug/L	0.5	0.1	Water	1	390953	12/24/25	12/24/25	TCN
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	Water	1	390953	12/24/25	12/24/25	TCN
cis-1,3-Dichloropropene	ND		ug/L	0.5	0.06	Water	1	390953	12/24/25	12/24/25	TCN
Toluene	ND		ug/L	0.5	0.06	Water	1	390953	12/24/25	12/24/25	TCN
trans-1,3-Dichloropropene	ND		ug/L	0.5	0.08	Water	1	390953	12/24/25	12/24/25	TCN
1,1,2-Trichloroethane	ND		ug/L	0.5	0.2	Water	1	390953	12/24/25	12/24/25	TCN
1,3-Dichloropropane	ND		ug/L	0.5	0.1	Water	1	390953	12/24/25	12/24/25	TCN
Tetrachloroethene	ND		ug/L	0.5	0.1	Water	1	390953	12/24/25	12/24/25	TCN
Dibromochloromethane	ND		ug/L	0.5	0.09	Water	1	390953	12/24/25	12/24/25	TCN
1,2-Dibromoethane	ND		ug/L	0.5	0.1	Water	1	390953	12/24/25	12/24/25	TCN
Chlorobenzene	0.2	J	ug/L	0.5	0.09	Water	1	390953	12/24/25	12/24/25	TCN
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	0.1	Water	1	390953	12/24/25	12/24/25	TCN
Ethylbenzene	ND		ug/L	0.5	0.09	Water	1	390953	12/24/25	12/24/25	TCN
m,p-Xylenes	ND		ug/L	1.0	0.1	Water	1	390953	12/24/25	12/24/25	TCN
o-Xylene	ND		ug/L	0.5	0.06	Water	1	390953	12/24/25	12/24/25	TCN
Styrene	ND		ug/L	0.5	0.09	Water	1	390953	12/24/25	12/24/25	TCN

Analysis Results for 549190

549190-004 Analyte	Result	Qual	Units	RL	MDL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Bromoform	ND		ug/L	1.0	0.07	Water	1	390953	12/24/25	12/24/25	TCN
Propylbenzene	ND		ug/L	0.5	0.07	Water	1	390953	12/24/25	12/24/25	TCN
Isopropylbenzene	ND		ug/L	0.5	0.05	Water	1	390953	12/24/25	12/24/25	TCN
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	0.07	Water	1	390953	12/24/25	12/24/25	TCN
1,2,3-Trichloropropane	ND		ug/L	0.5	0.1	Water	1	390953	12/24/25	12/24/25	TCN
Bromobenzene	ND		ug/L	1.0	0.03	Water	1	390953	12/24/25	12/24/25	TCN
1,3,5-Trimethylbenzene	ND		ug/L	0.5	0.06	Water	1	390953	12/24/25	12/24/25	TCN
2-Chlorotoluene	ND		ug/L	0.5	0.05	Water	1	390953	12/24/25	12/24/25	TCN
4-Chlorotoluene	ND		ug/L	0.5	0.06	Water	1	390953	12/24/25	12/24/25	TCN
tert-Butylbenzene	ND		ug/L	0.5	0.03	Water	1	390953	12/24/25	12/24/25	TCN
1,2,4-Trimethylbenzene	ND		ug/L	0.5	0.03	Water	1	390953	12/24/25	12/24/25	TCN
sec-Butylbenzene	ND		ug/L	0.5	0.06	Water	1	390953	12/24/25	12/24/25	TCN
para-Isopropyl Toluene	ND		ug/L	0.5	0.07	Water	1	390953	12/24/25	12/24/25	TCN
1,3-Dichlorobenzene	ND		ug/L	0.5	0.06	Water	1	390953	12/24/25	12/24/25	TCN
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	Water	1	390953	12/24/25	12/24/25	TCN
n-Butylbenzene	ND		ug/L	0.5	0.06	Water	1	390953	12/24/25	12/24/25	TCN
1,2-Dichlorobenzene	ND		ug/L	0.5	0.09	Water	1	390953	12/24/25	12/24/25	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	0.5	Water	1	390953	12/24/25	12/24/25	TCN
1,2,4-Trichlorobenzene	ND		ug/L	0.5	0.07	Water	1	390953	12/24/25	12/24/25	TCN
Hexachlorobutadiene	ND		ug/L	2.0	0.2	Water	1	390953	12/24/25	12/24/25	TCN
Naphthalene	ND		ug/L	2.0	0.2	Water	1	390953	12/24/25	12/24/25	TCN
1,2,3-Trichlorobenzene	ND		ug/L	0.5	0.08	Water	1	390953	12/24/25	12/24/25	TCN
Isopropyl Ether (DIPE)	ND		ug/L	0.5	0.2	Water	1	390953	12/24/25	12/24/25	TCN
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	0.5	0.09	Water	1	390953	12/24/25	12/24/25	TCN
tert-Butyl Alcohol (TBA)	ND		ug/L	10	3.4	Water	1	390953	12/24/25	12/24/25	TCN
Methyl tert-Amyl Ether (TAME)	ND		ug/L	0.5	0.09	Water	1	390953	12/24/25	12/24/25	TCN
Xylene (total)	ND		ug/L	0.5		Water	1	390953	12/24/25	12/24/25	TCN
Surrogates	Limits										
Dibromofluoromethane	98%		%REC	70-130		Water	1	390953	12/24/25	12/24/25	TCN
1,2-Dichloroethane-d4	94%		%REC	70-130		Water	1	390953	12/24/25	12/24/25	TCN
Toluene-d8	103%		%REC	70-130		Water	1	390953	12/24/25	12/24/25	TCN
Bromofluorobenzene	102%		%REC	70-130		Water	1	390953	12/24/25	12/24/25	TCN

Analysis Results for 549190

Sample ID: SES-HEART PC-A SO
Lab ID: 549190-005
Collected: 12/16/25 09:30
Matrix: Soil

549190-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
Freon 12	ND		ug/Kg	250	230	50	390583	12/19/25	12/19/25	YAH
Chloromethane	ND		ug/Kg	250	92	50	390583	12/19/25	12/19/25	YAH
Vinyl Chloride	ND		ug/Kg	250	99	50	390583	12/19/25	12/19/25	YAH
Bromomethane	ND		ug/Kg	250	52	50	390583	12/19/25	12/19/25	YAH
Chloroethane	ND		ug/Kg	250	110	50	390583	12/19/25	12/19/25	YAH
Trichlorofluoromethane	ND		ug/Kg	250	100	50	390583	12/19/25	12/19/25	YAH
Acetone	ND		ug/Kg	5,000	1,500	50	390583	12/19/25	12/19/25	YAH
Freon 113	ND		ug/Kg	250	54	50	390583	12/19/25	12/19/25	YAH
1,1-Dichloroethene	ND		ug/Kg	250	82	50	390583	12/19/25	12/19/25	YAH
Methylene Chloride	ND		ug/Kg	1,000		50	390583	12/19/25	12/19/25	YAH
MTBE	ND		ug/Kg	250	22	50	390583	12/19/25	12/19/25	YAH
trans-1,2-Dichloroethene	ND		ug/Kg	250	16	50	390583	12/19/25	12/19/25	YAH
1,1-Dichloroethane	ND		ug/Kg	250	23	50	390583	12/19/25	12/19/25	YAH
2-Butanone	ND		ug/Kg	5,000	140	50	390583	12/19/25	12/19/25	YAH
cis-1,2-Dichloroethene	29	J	ug/Kg	250	17	50	390583	12/19/25	12/19/25	YAH
2,2-Dichloropropane	ND		ug/Kg	250	32	50	390583	12/19/25	12/19/25	YAH
Chloroform	ND		ug/Kg	250	29	50	390583	12/19/25	12/19/25	YAH
Bromochloromethane	ND		ug/Kg	250	41	50	390583	12/19/25	12/19/25	YAH
1,1,1-Trichloroethane	ND		ug/Kg	250	18	50	390583	12/19/25	12/19/25	YAH
1,1-Dichloropropene	ND		ug/Kg	250	71	50	390583	12/19/25	12/19/25	YAH
Carbon Tetrachloride	ND		ug/Kg	250	60	50	390583	12/19/25	12/19/25	YAH
1,2-Dichloroethane	ND		ug/Kg	250	25	50	390583	12/19/25	12/19/25	YAH
Benzene	ND		ug/Kg	250	36	50	390583	12/19/25	12/19/25	YAH
Trichloroethene	ND		ug/Kg	250	42	50	390583	12/19/25	12/19/25	YAH
1,2-Dichloropropane	ND		ug/Kg	250	48	50	390583	12/19/25	12/19/25	YAH
Bromodichloromethane	ND		ug/Kg	250	70	50	390583	12/19/25	12/19/25	YAH
Dibromomethane	ND		ug/Kg	250	70	50	390583	12/19/25	12/19/25	YAH
4-Methyl-2-Pentanone	ND		ug/Kg	250	70	50	390583	12/19/25	12/19/25	YAH
cis-1,3-Dichloropropene	ND		ug/Kg	250	84	50	390583	12/19/25	12/19/25	YAH
Toluene	ND		ug/Kg	250	40	50	390583	12/19/25	12/19/25	YAH
trans-1,3-Dichloropropene	ND		ug/Kg	250	84	50	390583	12/19/25	12/19/25	YAH
1,1,2-Trichloroethane	ND		ug/Kg	250	41	50	390583	12/19/25	12/19/25	YAH
1,3-Dichloropropane	ND		ug/Kg	250	30	50	390583	12/19/25	12/19/25	YAH
Tetrachloroethene	1,200		ug/Kg	250	42	50	390583	12/19/25	12/19/25	YAH
Dibromochloromethane	ND		ug/Kg	250	76	50	390583	12/19/25	12/19/25	YAH
1,2-Dibromoethane	ND		ug/Kg	250	43	50	390583	12/19/25	12/19/25	YAH
Chlorobenzene	ND		ug/Kg	250	31	50	390583	12/19/25	12/19/25	YAH
1,1,1,2-Tetrachloroethane	ND		ug/Kg	250	67	50	390583	12/19/25	12/19/25	YAH
Ethylbenzene	ND		ug/Kg	250	44	50	390583	12/19/25	12/19/25	YAH
m,p-Xylenes	ND		ug/Kg	500	40	50	390583	12/19/25	12/19/25	YAH
o-Xylene	ND		ug/Kg	250	49	50	390583	12/19/25	12/19/25	YAH
Styrene	ND		ug/Kg	250	70	50	390583	12/19/25	12/19/25	YAH
Bromoform	ND		ug/Kg	250	97	50	390583	12/19/25	12/19/25	YAH
Isopropylbenzene	ND		ug/Kg	250	43	50	390583	12/19/25	12/19/25	YAH
1,1,2,2-Tetrachloroethane	ND		ug/Kg	250	34	50	390583	12/19/25	12/19/25	YAH

Analysis Results for 549190

549190-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2,3-Trichloropropane	ND		ug/Kg	250	22	50	390583	12/19/25	12/19/25	YAH
Propylbenzene	ND		ug/Kg	250	36	50	390583	12/19/25	12/19/25	YAH
Bromobenzene	ND		ug/Kg	250	33	50	390583	12/19/25	12/19/25	YAH
1,3,5-Trimethylbenzene	ND		ug/Kg	250	43	50	390583	12/19/25	12/19/25	YAH
2-Chlorotoluene	ND		ug/Kg	250	40	50	390583	12/19/25	12/19/25	YAH
4-Chlorotoluene	ND		ug/Kg	250	41	50	390583	12/19/25	12/19/25	YAH
tert-Butylbenzene	ND		ug/Kg	250	46	50	390583	12/19/25	12/19/25	YAH
1,2,4-Trimethylbenzene	ND		ug/Kg	250	46	50	390583	12/19/25	12/19/25	YAH
sec-Butylbenzene	ND		ug/Kg	250	38	50	390583	12/19/25	12/19/25	YAH
para-Isopropyl Toluene	ND		ug/Kg	250	50	50	390583	12/19/25	12/19/25	YAH
1,3-Dichlorobenzene	ND		ug/Kg	250	34	50	390583	12/19/25	12/19/25	YAH
1,4-Dichlorobenzene	ND		ug/Kg	250	32	50	390583	12/19/25	12/19/25	YAH
n-Butylbenzene	ND		ug/Kg	250	51	50	390583	12/19/25	12/19/25	YAH
1,2-Dichlorobenzene	ND		ug/Kg	250	36	50	390583	12/19/25	12/19/25	YAH
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	250	79	50	390583	12/19/25	12/19/25	YAH
1,2,4-Trichlorobenzene	ND		ug/Kg	250	59	50	390583	12/19/25	12/19/25	YAH
Hexachlorobutadiene	ND		ug/Kg	250	63	50	390583	12/19/25	12/19/25	YAH
Naphthalene	ND		ug/Kg	250	56	50	390583	12/19/25	12/19/25	YAH
1,2,3-Trichlorobenzene	ND		ug/Kg	250	32	50	390583	12/19/25	12/19/25	YAH
Xylene (total)	ND		ug/Kg	250		50	390583	12/19/25	12/19/25	YAH
Surrogates	Limits									
Dibromofluoromethane	97%		%REC	70-130		50	390583	12/19/25	12/19/25	YAH
1,2-Dichloroethane-d4	103%		%REC	70-130		50	390583	12/19/25	12/19/25	YAH
Toluene-d8	97%		%REC	70-130		50	390583	12/19/25	12/19/25	YAH
Bromofluorobenzene	95%		%REC	70-130		50	390583	12/19/25	12/19/25	YAH

Analysis Results for 549190

Sample ID: SES-HEART LOW-A SO	Lab ID: 549190-006	Collected: 12/16/25 09:30
	Matrix: Soil	

549190-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
Freon 12	ND		ug/Kg	5.0	1.8	0.99	390855	12/23/25	12/23/25	TCN
Chloromethane	ND		ug/Kg	5.0	0.7	0.99	390855	12/23/25	12/23/25	TCN
Vinyl Chloride	ND		ug/Kg	5.0	1.0	0.99	390855	12/23/25	12/23/25	TCN
Bromomethane	ND		ug/Kg	5.0	0.6	0.99	390855	12/23/25	12/23/25	TCN
Chloroethane	ND		ug/Kg	5.0	1.3	0.99	390855	12/23/25	12/23/25	TCN
Trichlorofluoromethane	ND		ug/Kg	5.0	1.0	0.99	390855	12/23/25	12/23/25	TCN
Acetone	ND		ug/Kg	99	6.8	0.99	390855	12/23/25	12/23/25	TCN
Freon 113	ND		ug/Kg	5.0	0.7	0.99	390855	12/23/25	12/23/25	TCN
1,1-Dichloroethene	ND		ug/Kg	5.0	1.0	0.99	390855	12/23/25	12/23/25	TCN
Methylene Chloride	ND		ug/Kg	20		0.99	390855	12/23/25	12/23/25	TCN
MTBE	ND		ug/Kg	5.0	0.8	0.99	390855	12/23/25	12/23/25	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	0.7	0.99	390855	12/23/25	12/23/25	TCN
1,1-Dichloroethane	ND		ug/Kg	5.0	0.7	0.99	390855	12/23/25	12/23/25	TCN
2-Butanone	ND		ug/Kg	99	2.9	0.99	390855	12/23/25	12/23/25	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	0.6	0.99	390855	12/23/25	12/23/25	TCN
2,2-Dichloropropane	ND		ug/Kg	5.0	0.9	0.99	390855	12/23/25	12/23/25	TCN
Chloroform	ND		ug/Kg	5.0	0.3	0.99	390855	12/23/25	12/23/25	TCN
Bromochloromethane	ND		ug/Kg	5.0	0.4	0.99	390855	12/23/25	12/23/25	TCN
1,1,1-Trichloroethane	ND		ug/Kg	5.0	0.9	0.99	390855	12/23/25	12/23/25	TCN
1,1-Dichloropropene	ND		ug/Kg	5.0	0.7	0.99	390855	12/23/25	12/23/25	TCN
Carbon Tetrachloride	ND		ug/Kg	5.0	1.0	0.99	390855	12/23/25	12/23/25	TCN
1,2-Dichloroethane	ND		ug/Kg	5.0	0.5	0.99	390855	12/23/25	12/23/25	TCN
Benzene	ND		ug/Kg	5.0	0.5	0.99	390855	12/23/25	12/23/25	TCN
Trichloroethene	ND		ug/Kg	5.0	0.7	0.99	390855	12/23/25	12/23/25	TCN
1,2-Dichloropropane	ND		ug/Kg	5.0	0.6	0.99	390855	12/23/25	12/23/25	TCN
Bromodichloromethane	ND		ug/Kg	5.0	0.7	0.99	390855	12/23/25	12/23/25	TCN
Dibromomethane	ND		ug/Kg	5.0	0.8	0.99	390855	12/23/25	12/23/25	TCN
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	0.9	0.99	390855	12/23/25	12/23/25	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	0.7	0.99	390855	12/23/25	12/23/25	TCN
Toluene	ND		ug/Kg	5.0	0.3	0.99	390855	12/23/25	12/23/25	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	0.8	0.99	390855	12/23/25	12/23/25	TCN
1,1,2-Trichloroethane	ND		ug/Kg	5.0	0.6	0.99	390855	12/23/25	12/23/25	TCN
1,3-Dichloropropane	ND		ug/Kg	5.0	0.3	0.99	390855	12/23/25	12/23/25	TCN
Tetrachloroethene	20		ug/Kg	5.0	0.3	0.99	390855	12/23/25	12/23/25	TCN
Dibromochloromethane	ND		ug/Kg	5.0	1.0	0.99	390855	12/23/25	12/23/25	TCN
1,2-Dibromoethane	ND		ug/Kg	5.0	0.7	0.99	390855	12/23/25	12/23/25	TCN
Chlorobenzene	ND		ug/Kg	5.0	0.4	0.99	390855	12/23/25	12/23/25	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	0.9	0.99	390855	12/23/25	12/23/25	TCN
Ethylbenzene	ND		ug/Kg	5.0	0.3	0.99	390855	12/23/25	12/23/25	TCN
m,p-Xylenes	ND		ug/Kg	9.9	1.0	0.99	390855	12/23/25	12/23/25	TCN
o-Xylene	ND		ug/Kg	5.0	0.5	0.99	390855	12/23/25	12/23/25	TCN
Styrene	ND		ug/Kg	5.0	0.3	0.99	390855	12/23/25	12/23/25	TCN
Bromoform	ND		ug/Kg	5.0	0.9	0.99	390855	12/23/25	12/23/25	TCN
Isopropylbenzene	ND		ug/Kg	5.0	0.5	0.99	390855	12/23/25	12/23/25	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1.3	0.99	390855	12/23/25	12/23/25	TCN

Analysis Results for 549190

549190-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2,3-Trichloropropane	ND		ug/Kg	5.0	0.7	0.99	390855	12/23/25	12/23/25	TCN
Propylbenzene	ND		ug/Kg	5.0	0.6	0.99	390855	12/23/25	12/23/25	TCN
Bromobenzene	ND		ug/Kg	5.0	0.5	0.99	390855	12/23/25	12/23/25	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	0.5	0.99	390855	12/23/25	12/23/25	TCN
2-Chlorotoluene	ND		ug/Kg	5.0	0.5	0.99	390855	12/23/25	12/23/25	TCN
4-Chlorotoluene	ND		ug/Kg	5.0	0.5	0.99	390855	12/23/25	12/23/25	TCN
tert-Butylbenzene	ND		ug/Kg	5.0	0.5	0.99	390855	12/23/25	12/23/25	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	0.4	0.99	390855	12/23/25	12/23/25	TCN
sec-Butylbenzene	ND		ug/Kg	5.0	0.6	0.99	390855	12/23/25	12/23/25	TCN
para-Isopropyl Toluene	ND		ug/Kg	5.0	0.4	0.99	390855	12/23/25	12/23/25	TCN
1,3-Dichlorobenzene	ND		ug/Kg	5.0	0.4	0.99	390855	12/23/25	12/23/25	TCN
1,4-Dichlorobenzene	ND		ug/Kg	5.0	0.4	0.99	390855	12/23/25	12/23/25	TCN
n-Butylbenzene	ND		ug/Kg	5.0	0.5	0.99	390855	12/23/25	12/23/25	TCN
1,2-Dichlorobenzene	ND		ug/Kg	5.0	0.4	0.99	390855	12/23/25	12/23/25	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1.2	0.99	390855	12/23/25	12/23/25	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	0.6	0.99	390855	12/23/25	12/23/25	TCN
Hexachlorobutadiene	ND		ug/Kg	5.0	0.6	0.99	390855	12/23/25	12/23/25	TCN
Naphthalene	ND		ug/Kg	5.0	0.8	0.99	390855	12/23/25	12/23/25	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	0.6	0.99	390855	12/23/25	12/23/25	TCN
Xylene (total)	ND		ug/Kg	5.0		0.99	390855	12/23/25	12/23/25	TCN
Surrogates	Limits									
Dibromofluoromethane	109%		%REC	70-130		0.99	390855	12/23/25	12/23/25	TCN
1,2-Dichloroethane-d4	111%		%REC	70-130		0.99	390855	12/23/25	12/23/25	TCN
Toluene-d8	93%		%REC	70-130		0.99	390855	12/23/25	12/23/25	TCN
Bromofluorobenzene	95%		%REC	70-130		0.99	390855	12/23/25	12/23/25	TCN

Analysis Results for 549190

Sample ID: SES-HEART MED-A SO
Lab ID: 549190-007
Collected: 12/16/25 09:30
Matrix: Soil

549190-007 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
Freon 12	ND		ug/Kg	5.1	1.8	1	390855	12/23/25	12/23/25	TCN
Chloromethane	ND		ug/Kg	5.1	0.7	1	390855	12/23/25	12/23/25	TCN
Vinyl Chloride	ND		ug/Kg	5.1	1.0	1	390855	12/23/25	12/23/25	TCN
Bromomethane	ND		ug/Kg	5.1	0.7	1	390855	12/23/25	12/23/25	TCN
Chloroethane	ND		ug/Kg	5.1	1.3	1	390855	12/23/25	12/23/25	TCN
Trichlorofluoromethane	ND		ug/Kg	5.1	1.1	1	390855	12/23/25	12/23/25	TCN
Acetone	7.8	J	ug/Kg	100	6.9	1	390855	12/23/25	12/23/25	TCN
Freon 113	ND		ug/Kg	5.1	0.7	1	390855	12/23/25	12/23/25	TCN
1,1-Dichloroethene	ND		ug/Kg	5.1	1.0	1	390855	12/23/25	12/23/25	TCN
Methylene Chloride	ND		ug/Kg	20		1	390855	12/23/25	12/23/25	TCN
MTBE	ND		ug/Kg	5.1	0.8	1	390855	12/23/25	12/23/25	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	5.1	0.7	1	390855	12/23/25	12/23/25	TCN
1,1-Dichloroethane	ND		ug/Kg	5.1	0.7	1	390855	12/23/25	12/23/25	TCN
2-Butanone	ND		ug/Kg	100	3.0	1	390855	12/23/25	12/23/25	TCN
cis-1,2-Dichloroethene	0.6	J	ug/Kg	5.1	0.6	1	390855	12/23/25	12/23/25	TCN
2,2-Dichloropropane	ND		ug/Kg	5.1	1.0	1	390855	12/23/25	12/23/25	TCN
Chloroform	ND		ug/Kg	5.1	0.3	1	390855	12/23/25	12/23/25	TCN
Bromochloromethane	ND		ug/Kg	5.1	0.5	1	390855	12/23/25	12/23/25	TCN
1,1,1-Trichloroethane	ND		ug/Kg	5.1	1.0	1	390855	12/23/25	12/23/25	TCN
1,1-Dichloropropene	ND		ug/Kg	5.1	0.7	1	390855	12/23/25	12/23/25	TCN
Carbon Tetrachloride	ND		ug/Kg	5.1	1.0	1	390855	12/23/25	12/23/25	TCN
1,2-Dichloroethane	ND		ug/Kg	5.1	0.5	1	390855	12/23/25	12/23/25	TCN
Benzene	ND		ug/Kg	5.1	0.5	1	390855	12/23/25	12/23/25	TCN
Trichloroethene	ND		ug/Kg	5.1	0.7	1	390855	12/23/25	12/23/25	TCN
1,2-Dichloropropane	ND		ug/Kg	5.1	0.6	1	390855	12/23/25	12/23/25	TCN
Bromodichloromethane	ND		ug/Kg	5.1	0.7	1	390855	12/23/25	12/23/25	TCN
Dibromomethane	ND		ug/Kg	5.1	0.8	1	390855	12/23/25	12/23/25	TCN
4-Methyl-2-Pentanone	ND		ug/Kg	5.1	0.9	1	390855	12/23/25	12/23/25	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	5.1	0.7	1	390855	12/23/25	12/23/25	TCN
Toluene	ND		ug/Kg	5.1	0.4	1	390855	12/23/25	12/23/25	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	5.1	0.8	1	390855	12/23/25	12/23/25	TCN
1,1,2-Trichloroethane	ND		ug/Kg	5.1	0.6	1	390855	12/23/25	12/23/25	TCN
1,3-Dichloropropane	ND		ug/Kg	5.1	0.3	1	390855	12/23/25	12/23/25	TCN
Tetrachloroethene	16		ug/Kg	5.1	0.3	1	390855	12/23/25	12/23/25	TCN
Dibromochloromethane	ND		ug/Kg	5.1	1.0	1	390855	12/23/25	12/23/25	TCN
1,2-Dibromoethane	ND		ug/Kg	5.1	0.7	1	390855	12/23/25	12/23/25	TCN
Chlorobenzene	ND		ug/Kg	5.1	0.4	1	390855	12/23/25	12/23/25	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.1	0.9	1	390855	12/23/25	12/23/25	TCN
Ethylbenzene	ND		ug/Kg	5.1	0.3	1	390855	12/23/25	12/23/25	TCN
m,p-Xylenes	ND		ug/Kg	10	1.0	1	390855	12/23/25	12/23/25	TCN
o-Xylene	ND		ug/Kg	5.1	0.5	1	390855	12/23/25	12/23/25	TCN
Styrene	ND		ug/Kg	5.1	0.3	1	390855	12/23/25	12/23/25	TCN
Bromoform	ND		ug/Kg	5.1	1.0	1	390855	12/23/25	12/23/25	TCN
Isopropylbenzene	ND		ug/Kg	5.1	0.5	1	390855	12/23/25	12/23/25	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.1	1.3	1	390855	12/23/25	12/23/25	TCN

Analysis Results for 549190

549190-007 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2,3-Trichloropropane	ND		ug/Kg	5.1	0.7	1	390855	12/23/25	12/23/25	TCN
Propylbenzene	ND		ug/Kg	5.1	0.6	1	390855	12/23/25	12/23/25	TCN
Bromobenzene	ND		ug/Kg	5.1	0.5	1	390855	12/23/25	12/23/25	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	5.1	0.5	1	390855	12/23/25	12/23/25	TCN
2-Chlorotoluene	ND		ug/Kg	5.1	0.5	1	390855	12/23/25	12/23/25	TCN
4-Chlorotoluene	ND		ug/Kg	5.1	0.5	1	390855	12/23/25	12/23/25	TCN
tert-Butylbenzene	ND		ug/Kg	5.1	0.5	1	390855	12/23/25	12/23/25	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	5.1	0.4	1	390855	12/23/25	12/23/25	TCN
sec-Butylbenzene	ND		ug/Kg	5.1	0.6	1	390855	12/23/25	12/23/25	TCN
para-Isopropyl Toluene	ND		ug/Kg	5.1	0.4	1	390855	12/23/25	12/23/25	TCN
1,3-Dichlorobenzene	ND		ug/Kg	5.1	0.5	1	390855	12/23/25	12/23/25	TCN
1,4-Dichlorobenzene	ND		ug/Kg	5.1	0.4	1	390855	12/23/25	12/23/25	TCN
n-Butylbenzene	ND		ug/Kg	5.1	0.5	1	390855	12/23/25	12/23/25	TCN
1,2-Dichlorobenzene	ND		ug/Kg	5.1	0.4	1	390855	12/23/25	12/23/25	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.1	1.2	1	390855	12/23/25	12/23/25	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	5.1	0.6	1	390855	12/23/25	12/23/25	TCN
Hexachlorobutadiene	ND		ug/Kg	5.1	0.6	1	390855	12/23/25	12/23/25	TCN
Naphthalene	ND		ug/Kg	5.1	0.8	1	390855	12/23/25	12/23/25	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	5.1	0.6	1	390855	12/23/25	12/23/25	TCN
Xylene (total)	ND		ug/Kg	5.1		1	390855	12/23/25	12/23/25	TCN
Surrogates	Limits									
Dibromofluoromethane	101%		%REC	70-130		1	390855	12/23/25	12/23/25	TCN
1,2-Dichloroethane-d4	104%		%REC	70-130		1	390855	12/23/25	12/23/25	TCN
Toluene-d8	98%		%REC	70-130		1	390855	12/23/25	12/23/25	TCN
Bromofluorobenzene	96%		%REC	70-130		1	390855	12/23/25	12/23/25	TCN

Analysis Results for 549190

Sample ID: SES-HEART HIGH-A SO
Lab ID: 549190-008
Collected: 12/16/25 09:30
Matrix: Soil

549190-008 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
Freon 12	ND		ug/Kg	5.0	1.8	1	390855	12/23/25	12/23/25	TCN
Chloromethane	ND		ug/Kg	5.0	0.7	1	390855	12/23/25	12/23/25	TCN
Vinyl Chloride	ND		ug/Kg	5.0	1.0	1	390855	12/23/25	12/23/25	TCN
Bromomethane	ND		ug/Kg	5.0	0.7	1	390855	12/23/25	12/23/25	TCN
Chloroethane	ND		ug/Kg	5.0	1.3	1	390855	12/23/25	12/23/25	TCN
Trichlorofluoromethane	ND		ug/Kg	5.0	1.0	1	390855	12/23/25	12/23/25	TCN
Acetone	ND		ug/Kg	100	6.9	1	390855	12/23/25	12/23/25	TCN
Freon 113	ND		ug/Kg	5.0	0.7	1	390855	12/23/25	12/23/25	TCN
1,1-Dichloroethene	ND		ug/Kg	5.0	1.0	1	390855	12/23/25	12/23/25	TCN
Methylene Chloride	ND		ug/Kg	20		1	390855	12/23/25	12/23/25	TCN
MTBE	ND		ug/Kg	5.0	0.8	1	390855	12/23/25	12/23/25	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	0.7	1	390855	12/23/25	12/23/25	TCN
1,1-Dichloroethane	ND		ug/Kg	5.0	0.7	1	390855	12/23/25	12/23/25	TCN
2-Butanone	ND		ug/Kg	100	2.9	1	390855	12/23/25	12/23/25	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	0.6	1	390855	12/23/25	12/23/25	TCN
2,2-Dichloropropane	ND		ug/Kg	5.0	1.0	1	390855	12/23/25	12/23/25	TCN
Chloroform	ND		ug/Kg	5.0	0.3	1	390855	12/23/25	12/23/25	TCN
Bromochloromethane	ND		ug/Kg	5.0	0.5	1	390855	12/23/25	12/23/25	TCN
1,1,1-Trichloroethane	ND		ug/Kg	5.0	0.9	1	390855	12/23/25	12/23/25	TCN
1,1-Dichloropropene	ND		ug/Kg	5.0	0.7	1	390855	12/23/25	12/23/25	TCN
Carbon Tetrachloride	ND		ug/Kg	5.0	1.0	1	390855	12/23/25	12/23/25	TCN
1,2-Dichloroethane	ND		ug/Kg	5.0	0.5	1	390855	12/23/25	12/23/25	TCN
Benzene	ND		ug/Kg	5.0	0.5	1	390855	12/23/25	12/23/25	TCN
Trichloroethene	ND		ug/Kg	5.0	0.7	1	390855	12/23/25	12/23/25	TCN
1,2-Dichloropropane	ND		ug/Kg	5.0	0.6	1	390855	12/23/25	12/23/25	TCN
Bromodichloromethane	ND		ug/Kg	5.0	0.7	1	390855	12/23/25	12/23/25	TCN
Dibromomethane	ND		ug/Kg	5.0	0.8	1	390855	12/23/25	12/23/25	TCN
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	0.9	1	390855	12/23/25	12/23/25	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	0.7	1	390855	12/23/25	12/23/25	TCN
Toluene	ND		ug/Kg	5.0	0.3	1	390855	12/23/25	12/23/25	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	0.8	1	390855	12/23/25	12/23/25	TCN
1,1,2-Trichloroethane	ND		ug/Kg	5.0	0.6	1	390855	12/23/25	12/23/25	TCN
1,3-Dichloropropane	ND		ug/Kg	5.0	0.3	1	390855	12/23/25	12/23/25	TCN
Tetrachloroethene	2.7	J	ug/Kg	5.0	0.3	1	390855	12/23/25	12/23/25	TCN
Dibromochloromethane	ND		ug/Kg	5.0	1.0	1	390855	12/23/25	12/23/25	TCN
1,2-Dibromoethane	ND		ug/Kg	5.0	0.7	1	390855	12/23/25	12/23/25	TCN
Chlorobenzene	ND		ug/Kg	5.0	0.4	1	390855	12/23/25	12/23/25	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	0.9	1	390855	12/23/25	12/23/25	TCN
Ethylbenzene	ND		ug/Kg	5.0	0.3	1	390855	12/23/25	12/23/25	TCN
m,p-Xylenes	ND		ug/Kg	10	1.0	1	390855	12/23/25	12/23/25	TCN
o-Xylene	ND		ug/Kg	5.0	0.5	1	390855	12/23/25	12/23/25	TCN
Styrene	ND		ug/Kg	5.0	0.3	1	390855	12/23/25	12/23/25	TCN
Bromoform	ND		ug/Kg	5.0	1.0	1	390855	12/23/25	12/23/25	TCN
Isopropylbenzene	ND		ug/Kg	5.0	0.5	1	390855	12/23/25	12/23/25	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1.3	1	390855	12/23/25	12/23/25	TCN

Analysis Results for 549190

549190-008 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2,3-Trichloropropane	ND		ug/Kg	5.0	0.7	1	390855	12/23/25	12/23/25	TCN
Propylbenzene	ND		ug/Kg	5.0	0.6	1	390855	12/23/25	12/23/25	TCN
Bromobenzene	ND		ug/Kg	5.0	0.5	1	390855	12/23/25	12/23/25	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	0.5	1	390855	12/23/25	12/23/25	TCN
2-Chlorotoluene	ND		ug/Kg	5.0	0.5	1	390855	12/23/25	12/23/25	TCN
4-Chlorotoluene	ND		ug/Kg	5.0	0.5	1	390855	12/23/25	12/23/25	TCN
tert-Butylbenzene	ND		ug/Kg	5.0	0.5	1	390855	12/23/25	12/23/25	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	0.4	1	390855	12/23/25	12/23/25	TCN
sec-Butylbenzene	ND		ug/Kg	5.0	0.6	1	390855	12/23/25	12/23/25	TCN
para-Isopropyl Toluene	ND		ug/Kg	5.0	0.4	1	390855	12/23/25	12/23/25	TCN
1,3-Dichlorobenzene	ND		ug/Kg	5.0	0.4	1	390855	12/23/25	12/23/25	TCN
1,4-Dichlorobenzene	ND		ug/Kg	5.0	0.4	1	390855	12/23/25	12/23/25	TCN
n-Butylbenzene	ND		ug/Kg	5.0	0.5	1	390855	12/23/25	12/23/25	TCN
1,2-Dichlorobenzene	ND		ug/Kg	5.0	0.4	1	390855	12/23/25	12/23/25	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1.2	1	390855	12/23/25	12/23/25	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	0.6	1	390855	12/23/25	12/23/25	TCN
Hexachlorobutadiene	ND		ug/Kg	5.0	0.6	1	390855	12/23/25	12/23/25	TCN
Naphthalene	ND		ug/Kg	5.0	0.8	1	390855	12/23/25	12/23/25	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	0.6	1	390855	12/23/25	12/23/25	TCN
Xylene (total)	ND		ug/Kg	5.0		1	390855	12/23/25	12/23/25	TCN
Surrogates	Limits									
Dibromofluoromethane	101%		%REC	70-130		1	390855	12/23/25	12/23/25	TCN
1,2-Dichloroethane-d4	101%		%REC	70-130		1	390855	12/23/25	12/23/25	TCN
Toluene-d8	98%		%REC	70-130		1	390855	12/23/25	12/23/25	TCN
Bromofluorobenzene	98%		%REC	70-130		1	390855	12/23/25	12/23/25	TCN

J Estimated value

ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1323524	Batch: 390410
Matrix: Filtrate	Method: EPA 6020	Prep Method: EPA 3015A

QC1323524 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chromium	ND		ug/L	5.0	0.34	12/17/25	12/18/25
Manganese	ND		ug/L	10	4.3	12/17/25	12/18/25

Type: Lab Control Sample	Lab ID: QC1323525	Batch: 390410
Matrix: Filtrate	Method: EPA 6020	Prep Method: EPA 3015A

QC1323525 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chromium	94.63	100.0	ug/L	95%		80-120
Manganese	100.2	100.0	ug/L	100%		80-120

Type: Matrix Spike	Lab ID: QC1323526	Batch: 390410
Matrix (Source ID): Water (548692-001)	Method: EPA 6020	Prep Method: EPA 3015A

QC1323526 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chromium	97.46	1.329	100.0	ug/L	96%		75-125	1
Manganese	40.26	ND	100.0	ug/L	40%	*	75-125	20

Type: Matrix Spike Duplicate	Lab ID: QC1323527	Batch: 390410
Matrix (Source ID): Water (548692-001)	Method: EPA 6020	Prep Method: EPA 3015A

QC1323527 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chromium	96.98	1.329	100.0	ug/L	96%		75-125	0	20	1
Manganese	35.20	ND	100.0	ug/L	35%	*	75-125	13	20	20

Type: Matrix Spike	Lab ID: QC1323528	Batch: 390410
Matrix (Source ID): Water (548692-002)	Method: EPA 6020	Prep Method: EPA 3015A

QC1323528 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chromium	100.8	ND	100.0	ug/L	101%		75-125	1
Manganese	40.28	ND	100.0	ug/L	40%	*	75-125	20

Type: Matrix Spike Duplicate	Lab ID: QC1323529	Batch: 390410
Matrix (Source ID): Water (548692-002)	Method: EPA 6020	Prep Method: EPA 3015A

QC1323529 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chromium	95.15	ND	100.0	ug/L	95%		75-125	6	20	1
Manganese	36.96	ND	100.0	ug/L	37%	*	75-125	9	20	20

Batch QC

Type: Lab Control Sample	Lab ID: QC1325362	Batch: 390953
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1325362 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	48.48	50.00	ug/L	97%		69-128
MTBE	49.57	50.00	ug/L	99%		66-125
Benzene	45.34	50.00	ug/L	91%		76-121
Trichloroethene	48.52	50.00	ug/L	97%		76-124
Toluene	48.87	50.00	ug/L	98%		76-120
Chlorobenzene	46.76	50.00	ug/L	94%		78-120
Surrogates						
Dibromofluoromethane	52.02	50.00	ug/L	104%		70-130
1,2-Dichloroethane-d4	52.12	50.00	ug/L	104%		70-130
Toluene-d8	50.64	50.00	ug/L	101%		70-130
Bromofluorobenzene	48.57	50.00	ug/L	97%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1325363	Batch: 390953
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1325363 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	46.83	50.00	ug/L	94%		69-128	3	23
MTBE	48.60	50.00	ug/L	97%		66-125	2	22
Benzene	45.77	50.00	ug/L	92%		76-121	1	21
Trichloroethene	48.54	50.00	ug/L	97%		76-124	0	22
Toluene	51.61	50.00	ug/L	103%		76-120	5	21
Chlorobenzene	48.89	50.00	ug/L	98%		78-120	4	20
Surrogates								
Dibromofluoromethane	50.74	50.00	ug/L	101%		70-130		
1,2-Dichloroethane-d4	49.72	50.00	ug/L	99%		70-130		
Toluene-d8	50.11	50.00	ug/L	100%		70-130		
Bromofluorobenzene	49.41	50.00	ug/L	99%		70-130		

Batch QC

Type: Blank	Lab ID: QC1325367	Batch: 390953
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1325367 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Freon 12	ND		ug/L	0.5	0.08	12/24/25	12/24/25
Chloromethane	ND		ug/L	0.5	0.09	12/24/25	12/24/25
Vinyl Chloride	ND		ug/L	0.5	0.06	12/24/25	12/24/25
Bromomethane	ND		ug/L	1.0	0.1	12/24/25	12/24/25
Chloroethane	ND		ug/L	0.5	0.1	12/24/25	12/24/25
Trichlorofluoromethane	ND		ug/L	0.5	0.05	12/24/25	12/24/25
Acetone	ND		ug/L	20	5.0	12/24/25	12/24/25
Freon 113	ND		ug/L	0.5	0.1	12/24/25	12/24/25
1,1-Dichloroethene	ND		ug/L	0.5	0.09	12/24/25	12/24/25
Methylene Chloride	ND		ug/L	10	0.2	12/24/25	12/24/25
MTBE	ND		ug/L	0.5	0.08	12/24/25	12/24/25
trans-1,2-Dichloroethene	ND		ug/L	0.5	0.1	12/24/25	12/24/25
1,1-Dichloroethane	ND		ug/L	0.5	0.06	12/24/25	12/24/25
2-Butanone	ND		ug/L	5.0	1.5	12/24/25	12/24/25
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	12/24/25	12/24/25
2,2-Dichloropropane	ND		ug/L	0.5	0.1	12/24/25	12/24/25
Chloroform	ND		ug/L	0.5	0.08	12/24/25	12/24/25
Bromochloromethane	ND		ug/L	0.5	0.2	12/24/25	12/24/25
1,1,1-Trichloroethane	ND		ug/L	0.5	0.07	12/24/25	12/24/25
1,1-Dichloropropene	ND		ug/L	0.5	0.07	12/24/25	12/24/25
Carbon Tetrachloride	ND		ug/L	0.5	0.07	12/24/25	12/24/25
1,2-Dichloroethane	ND		ug/L	0.5	0.1	12/24/25	12/24/25
Benzene	ND		ug/L	0.5	0.03	12/24/25	12/24/25
Trichloroethene	ND		ug/L	0.5	0.05	12/24/25	12/24/25
1,2-Dichloropropane	ND		ug/L	0.5	0.1	12/24/25	12/24/25
Bromodichloromethane	ND		ug/L	0.5	0.09	12/24/25	12/24/25
Dibromomethane	ND		ug/L	0.5	0.1	12/24/25	12/24/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	12/24/25	12/24/25
cis-1,3-Dichloropropene	ND		ug/L	0.5	0.06	12/24/25	12/24/25
Toluene	ND		ug/L	0.5	0.06	12/24/25	12/24/25
trans-1,3-Dichloropropene	ND		ug/L	0.5	0.08	12/24/25	12/24/25
1,1,2-Trichloroethane	ND		ug/L	0.5	0.2	12/24/25	12/24/25
1,3-Dichloropropane	ND		ug/L	0.5	0.1	12/24/25	12/24/25
Tetrachloroethene	ND		ug/L	0.5	0.1	12/24/25	12/24/25
Dibromochloromethane	ND		ug/L	0.5	0.09	12/24/25	12/24/25
1,2-Dibromoethane	ND		ug/L	0.5	0.1	12/24/25	12/24/25
Chlorobenzene	ND		ug/L	0.5	0.09	12/24/25	12/24/25
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	0.1	12/24/25	12/24/25
Ethylbenzene	ND		ug/L	0.5	0.09	12/24/25	12/24/25
m,p-Xylenes	ND		ug/L	1.0	0.1	12/24/25	12/24/25
o-Xylene	ND		ug/L	0.5	0.06	12/24/25	12/24/25
Styrene	ND		ug/L	0.5	0.09	12/24/25	12/24/25
Bromoform	ND		ug/L	1.0	0.07	12/24/25	12/24/25
Propylbenzene	ND		ug/L	0.5	0.07	12/24/25	12/24/25
Isopropylbenzene	ND		ug/L	0.5	0.05	12/24/25	12/24/25
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	0.07	12/24/25	12/24/25
1,2,3-Trichloropropane	ND		ug/L	0.5	0.1	12/24/25	12/24/25

Batch QC

QC1325367 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Bromobenzene	ND		ug/L	1.0	0.03	12/24/25	12/24/25
1,3,5-Trimethylbenzene	ND		ug/L	0.5	0.06	12/24/25	12/24/25
2-Chlorotoluene	ND		ug/L	0.5	0.05	12/24/25	12/24/25
4-Chlorotoluene	ND		ug/L	0.5	0.06	12/24/25	12/24/25
tert-Butylbenzene	ND		ug/L	0.5	0.03	12/24/25	12/24/25
1,2,4-Trimethylbenzene	ND		ug/L	0.5	0.03	12/24/25	12/24/25
sec-Butylbenzene	ND		ug/L	0.5	0.06	12/24/25	12/24/25
para-Isopropyl Toluene	ND		ug/L	0.5	0.07	12/24/25	12/24/25
1,3-Dichlorobenzene	ND		ug/L	0.5	0.06	12/24/25	12/24/25
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	12/24/25	12/24/25
n-Butylbenzene	ND		ug/L	0.5	0.06	12/24/25	12/24/25
1,2-Dichlorobenzene	ND		ug/L	0.5	0.09	12/24/25	12/24/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	0.5	12/24/25	12/24/25
1,2,4-Trichlorobenzene	ND		ug/L	0.5	0.07	12/24/25	12/24/25
Hexachlorobutadiene	ND		ug/L	2.0	0.2	12/24/25	12/24/25
Naphthalene	ND		ug/L	2.0	0.2	12/24/25	12/24/25
1,2,3-Trichlorobenzene	ND		ug/L	0.5	0.08	12/24/25	12/24/25
Isopropyl Ether (DIPE)	ND		ug/L	0.5	0.2	12/24/25	12/24/25
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	0.5	0.09	12/24/25	12/24/25
tert-Butyl Alcohol (TBA)	ND		ug/L	10	3.4	12/24/25	12/24/25
Methyl tert-Amyl Ether (TAME)	ND		ug/L	0.5	0.09	12/24/25	12/24/25
Xylene (total)	ND		ug/L	0.5		12/24/25	12/24/25
Surrogates	Limits						
Dibromofluoromethane	95%		%REC	70-130		12/24/25	12/24/25
1,2-Dichloroethane-d4	88%		%REC	70-130		12/24/25	12/24/25
Toluene-d8	104%		%REC	70-130		12/24/25	12/24/25
Bromofluorobenzene	102%		%REC	70-130		12/24/25	12/24/25

Type: Matrix Spike	Lab ID: QC1325447	Batch: 390953
Matrix (Source ID): Water (549284-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1325447 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	17.22	ND	20.00	ug/L	86%		62-131	1
MTBE	17.54	ND	20.00	ug/L	88%		61-124	1
Benzene	17.25	ND	20.00	ug/L	86%		70-123	1
Trichloroethene	18.24	ND	20.00	ug/L	91%		65-131	1
Toluene	18.32	ND	20.00	ug/L	92%		69-120	1
Chlorobenzene	18.18	ND	20.00	ug/L	91%		72-121	1
Surrogates								
Dibromofluoromethane	50.14		50.00	ug/L	100%		70-130	1
1,2-Dichloroethane-d4	48.40		50.00	ug/L	97%		70-130	1
Toluene-d8	49.69		50.00	ug/L	99%		70-130	1
Bromofluorobenzene	49.34		50.00	ug/L	99%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1325448	Batch: 390953
Matrix (Source ID): Water (549284-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1325448 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	18.73	ND	20.00	ug/L	94%		62-131	8	31	1
MTBE	19.53	ND	20.00	ug/L	98%		61-124	11	30	1
Benzene	18.19	ND	20.00	ug/L	91%		70-123	5	31	1
Trichloroethene	19.60	ND	20.00	ug/L	98%		65-131	7	31	1
Toluene	19.58	ND	20.00	ug/L	98%		69-120	7	29	1
Chlorobenzene	19.10	ND	20.00	ug/L	96%		72-121	5	29	1
Surrogates										
Dibromofluoromethane	50.10		50.00	ug/L	100%		70-130			1
1,2-Dichloroethane-d4	47.58		50.00	ug/L	95%		70-130			1
Toluene-d8	49.26		50.00	ug/L	99%		70-130			1
Bromofluorobenzene	50.80		50.00	ug/L	102%		70-130			1

Type: Lab Control Sample	Lab ID: QC1324130	Batch: 390583
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1324130 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	44.68	50.00	ug/Kg	89%		72-130
MTBE	45.02	50.00	ug/Kg	90%		69-127
Benzene	46.43	50.00	ug/Kg	93%		76-126
Trichloroethene	43.82	50.00	ug/Kg	88%		74-121
Toluene	46.83	50.00	ug/Kg	94%		78-121
Chlorobenzene	46.72	50.00	ug/Kg	93%		80-121
Surrogates						
Dibromofluoromethane	49.48	50.00	ug/Kg	99%		70-130
1,2-Dichloroethane-d4	48.95	50.00	ug/Kg	98%		70-130
Toluene-d8	50.65	50.00	ug/Kg	101%		70-130
Bromofluorobenzene	50.40	50.00	ug/Kg	101%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1324131	Batch: 390583
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1324131 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	46.18	50.00	ug/Kg	92%		72-130	3	26
MTBE	44.84	50.00	ug/Kg	90%		69-127	0	25
Benzene	47.03	50.00	ug/Kg	94%		76-126	1	24
Trichloroethene	45.37	50.00	ug/Kg	91%		74-121	3	26
Toluene	47.64	50.00	ug/Kg	95%		78-121	2	24
Chlorobenzene	48.54	50.00	ug/Kg	97%		80-121	4	23
Surrogates								
Dibromofluoromethane	50.31	50.00	ug/Kg	101%		70-130		
1,2-Dichloroethane-d4	49.10	50.00	ug/Kg	98%		70-130		
Toluene-d8	50.66	50.00	ug/Kg	101%		70-130		
Bromofluorobenzene	49.46	50.00	ug/Kg	99%		70-130		

Batch QC

Type: Blank	Lab ID: QC1324134	Batch: 390583
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1324134 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Freon 12	ND		ug/Kg	5.0	1.8	12/19/25	12/19/25
Chloromethane	ND		ug/Kg	5.0	0.7	12/19/25	12/19/25
Vinyl Chloride	ND		ug/Kg	5.0	1.0	12/19/25	12/19/25
Bromomethane	ND		ug/Kg	5.0	0.7	12/19/25	12/19/25
Chloroethane	ND		ug/Kg	5.0	1.3	12/19/25	12/19/25
Trichlorofluoromethane	ND		ug/Kg	5.0	1.0	12/19/25	12/19/25
Acetone	ND		ug/Kg	100	6.9	12/19/25	12/19/25
Freon 113	ND		ug/Kg	5.0	0.7	12/19/25	12/19/25
1,1-Dichloroethene	ND		ug/Kg	5.0	1.0	12/19/25	12/19/25
Methylene Chloride	ND		ug/Kg	20		12/19/25	12/19/25
MTBE	ND		ug/Kg	5.0	0.8	12/19/25	12/19/25
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	0.7	12/19/25	12/19/25
1,1-Dichloroethane	ND		ug/Kg	5.0	0.7	12/19/25	12/19/25
2-Butanone	ND		ug/Kg	100	2.9	12/19/25	12/19/25
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	0.6	12/19/25	12/19/25
2,2-Dichloropropane	ND		ug/Kg	5.0	1.0	12/19/25	12/19/25
Chloroform	ND		ug/Kg	5.0	0.3	12/19/25	12/19/25
Bromochloromethane	ND		ug/Kg	5.0	0.5	12/19/25	12/19/25
1,1,1-Trichloroethane	ND		ug/Kg	5.0	0.9	12/19/25	12/19/25
1,1-Dichloropropene	ND		ug/Kg	5.0	0.7	12/19/25	12/19/25
Carbon Tetrachloride	ND		ug/Kg	5.0	1.0	12/19/25	12/19/25
1,2-Dichloroethane	ND		ug/Kg	5.0	0.5	12/19/25	12/19/25
Benzene	ND		ug/Kg	5.0	0.5	12/19/25	12/19/25
Trichloroethene	ND		ug/Kg	5.0	0.7	12/19/25	12/19/25
1,2-Dichloropropane	ND		ug/Kg	5.0	0.6	12/19/25	12/19/25
Bromodichloromethane	ND		ug/Kg	5.0	0.7	12/19/25	12/19/25
Dibromomethane	ND		ug/Kg	5.0	0.8	12/19/25	12/19/25
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	0.9	12/19/25	12/19/25
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	0.7	12/19/25	12/19/25
Toluene	ND		ug/Kg	5.0	0.3	12/19/25	12/19/25
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	0.8	12/19/25	12/19/25
1,1,2-Trichloroethane	ND		ug/Kg	5.0	0.6	12/19/25	12/19/25
1,3-Dichloropropane	ND		ug/Kg	5.0	0.3	12/19/25	12/19/25
Tetrachloroethene	ND		ug/Kg	5.0	0.3	12/19/25	12/19/25
Dibromochloromethane	ND		ug/Kg	5.0	1.0	12/19/25	12/19/25
1,2-Dibromoethane	ND		ug/Kg	5.0	0.7	12/19/25	12/19/25
Chlorobenzene	ND		ug/Kg	5.0	0.4	12/19/25	12/19/25
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	0.9	12/19/25	12/19/25
Ethylbenzene	ND		ug/Kg	5.0	0.3	12/19/25	12/19/25
m,p-Xylenes	ND		ug/Kg	10	1.0	12/19/25	12/19/25
o-Xylene	ND		ug/Kg	5.0	0.5	12/19/25	12/19/25
Styrene	ND		ug/Kg	5.0	0.3	12/19/25	12/19/25
Bromoform	ND		ug/Kg	5.0	1.0	12/19/25	12/19/25
Isopropylbenzene	ND		ug/Kg	5.0	0.5	12/19/25	12/19/25
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1.3	12/19/25	12/19/25
1,2,3-Trichloropropane	ND		ug/Kg	5.0	0.7	12/19/25	12/19/25
Propylbenzene	ND		ug/Kg	5.0	0.6	12/19/25	12/19/25

Batch QC

QC1324134 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Bromobenzene	ND		ug/Kg	5.0	0.5	12/19/25	12/19/25
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	0.5	12/19/25	12/19/25
2-Chlorotoluene	ND		ug/Kg	5.0	0.5	12/19/25	12/19/25
4-Chlorotoluene	ND		ug/Kg	5.0	0.5	12/19/25	12/19/25
tert-Butylbenzene	ND		ug/Kg	5.0	0.5	12/19/25	12/19/25
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	0.4	12/19/25	12/19/25
sec-Butylbenzene	ND		ug/Kg	5.0	0.6	12/19/25	12/19/25
para-Isopropyl Toluene	ND		ug/Kg	5.0	0.4	12/19/25	12/19/25
1,3-Dichlorobenzene	ND		ug/Kg	5.0	0.4	12/19/25	12/19/25
1,4-Dichlorobenzene	ND		ug/Kg	5.0	0.4	12/19/25	12/19/25
n-Butylbenzene	ND		ug/Kg	5.0	0.5	12/19/25	12/19/25
1,2-Dichlorobenzene	ND		ug/Kg	5.0	0.4	12/19/25	12/19/25
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1.2	12/19/25	12/19/25
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	0.6	12/19/25	12/19/25
Hexachlorobutadiene	ND		ug/Kg	5.0	0.6	12/19/25	12/19/25
Naphthalene	ND		ug/Kg	5.0	0.8	12/19/25	12/19/25
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	0.6	12/19/25	12/19/25
Xylene (total)	ND		ug/Kg	5.0		12/19/25	12/19/25
Surrogates				Limits			
Dibromofluoromethane	98%		%REC	70-130		12/19/25	12/19/25
1,2-Dichloroethane-d4	99%		%REC	70-130		12/19/25	12/19/25
Toluene-d8	99%		%REC	70-130		12/19/25	12/19/25
Bromofluorobenzene	99%		%REC	70-130		12/19/25	12/19/25

Batch QC

Type: Blank	Lab ID: QC1324135	Batch: 390583
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1324135 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Freon 12	ND		ug/Kg	250	230	12/19/25	12/19/25
Chloromethane	ND		ug/Kg	250	92	12/19/25	12/19/25
Vinyl Chloride	ND		ug/Kg	250	99	12/19/25	12/19/25
Bromomethane	ND		ug/Kg	250	52	12/19/25	12/19/25
Chloroethane	ND		ug/Kg	250	110	12/19/25	12/19/25
Trichlorofluoromethane	ND		ug/Kg	250	100	12/19/25	12/19/25
Acetone	ND		ug/Kg	5,000	1,500	12/19/25	12/19/25
Freon 113	ND		ug/Kg	250	54	12/19/25	12/19/25
1,1-Dichloroethene	ND		ug/Kg	250	81	12/19/25	12/19/25
Methylene Chloride	ND		ug/Kg	1,000		12/19/25	12/19/25
MTBE	ND		ug/Kg	250	21	12/19/25	12/19/25
trans-1,2-Dichloroethene	ND		ug/Kg	250	16	12/19/25	12/19/25
1,1-Dichloroethane	ND		ug/Kg	250	22	12/19/25	12/19/25
2-Butanone	ND		ug/Kg	5,000	140	12/19/25	12/19/25
cis-1,2-Dichloroethene	ND		ug/Kg	250	17	12/19/25	12/19/25
2,2-Dichloropropane	ND		ug/Kg	250	32	12/19/25	12/19/25
Chloroform	ND		ug/Kg	250	29	12/19/25	12/19/25
Bromochloromethane	ND		ug/Kg	250	41	12/19/25	12/19/25
1,1,1-Trichloroethane	ND		ug/Kg	250	18	12/19/25	12/19/25
1,1-Dichloropropene	ND		ug/Kg	250	70	12/19/25	12/19/25
Carbon Tetrachloride	ND		ug/Kg	250	60	12/19/25	12/19/25
1,2-Dichloroethane	ND		ug/Kg	250	25	12/19/25	12/19/25
Benzene	ND		ug/Kg	250	36	12/19/25	12/19/25
Trichloroethene	ND		ug/Kg	250	42	12/19/25	12/19/25
1,2-Dichloropropane	ND		ug/Kg	250	48	12/19/25	12/19/25
Bromodichloromethane	ND		ug/Kg	250	70	12/19/25	12/19/25
Dibromomethane	ND		ug/Kg	250	70	12/19/25	12/19/25
4-Methyl-2-Pentanone	ND		ug/Kg	250	70	12/19/25	12/19/25
cis-1,3-Dichloropropene	ND		ug/Kg	250	84	12/19/25	12/19/25
Toluene	ND		ug/Kg	250	40	12/19/25	12/19/25
trans-1,3-Dichloropropene	ND		ug/Kg	250	84	12/19/25	12/19/25
1,1,2-Trichloroethane	ND		ug/Kg	250	40	12/19/25	12/19/25
1,3-Dichloropropane	ND		ug/Kg	250	30	12/19/25	12/19/25
Tetrachloroethene	ND		ug/Kg	250	42	12/19/25	12/19/25
Dibromochloromethane	ND		ug/Kg	250	76	12/19/25	12/19/25
1,2-Dibromoethane	ND		ug/Kg	250	43	12/19/25	12/19/25
Chlorobenzene	ND		ug/Kg	250	31	12/19/25	12/19/25
1,1,1,2-Tetrachloroethane	ND		ug/Kg	250	67	12/19/25	12/19/25
Ethylbenzene	ND		ug/Kg	250	44	12/19/25	12/19/25
m,p-Xylenes	ND		ug/Kg	500	40	12/19/25	12/19/25
o-Xylene	ND		ug/Kg	250	49	12/19/25	12/19/25
Styrene	ND		ug/Kg	250	69	12/19/25	12/19/25
Bromoform	ND		ug/Kg	250	97	12/19/25	12/19/25
Isopropylbenzene	ND		ug/Kg	250	43	12/19/25	12/19/25
1,1,2,2-Tetrachloroethane	ND		ug/Kg	250	34	12/19/25	12/19/25
1,2,3-Trichloropropane	ND		ug/Kg	250	22	12/19/25	12/19/25
Propylbenzene	ND		ug/Kg	250	36	12/19/25	12/19/25

Batch QC

QC1324135 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Bromobenzene	ND		ug/Kg	250	33	12/19/25	12/19/25
1,3,5-Trimethylbenzene	ND		ug/Kg	250	43	12/19/25	12/19/25
2-Chlorotoluene	ND		ug/Kg	250	40	12/19/25	12/19/25
4-Chlorotoluene	ND		ug/Kg	250	40	12/19/25	12/19/25
tert-Butylbenzene	ND		ug/Kg	250	46	12/19/25	12/19/25
1,2,4-Trimethylbenzene	ND		ug/Kg	250	46	12/19/25	12/19/25
sec-Butylbenzene	ND		ug/Kg	250	38	12/19/25	12/19/25
para-Isopropyl Toluene	ND		ug/Kg	250	50	12/19/25	12/19/25
1,3-Dichlorobenzene	ND		ug/Kg	250	34	12/19/25	12/19/25
1,4-Dichlorobenzene	ND		ug/Kg	250	32	12/19/25	12/19/25
n-Butylbenzene	ND		ug/Kg	250	51	12/19/25	12/19/25
1,2-Dichlorobenzene	ND		ug/Kg	250	36	12/19/25	12/19/25
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	250	79	12/19/25	12/19/25
1,2,4-Trichlorobenzene	ND		ug/Kg	250	59	12/19/25	12/19/25
Hexachlorobutadiene	ND		ug/Kg	250	63	12/19/25	12/19/25
Naphthalene	ND		ug/Kg	250	56	12/19/25	12/19/25
1,2,3-Trichlorobenzene	ND		ug/Kg	250	32	12/19/25	12/19/25
Xylene (total)	ND		ug/Kg	250		12/19/25	12/19/25
Surrogates				Limits			
Dibromofluoromethane	98%		%REC	70-130		12/19/25	12/19/25
1,2-Dichloroethane-d4	101%		%REC	70-130		12/19/25	12/19/25
Toluene-d8	98%		%REC	70-130		12/19/25	12/19/25
Bromofluorobenzene	95%		%REC	70-130		12/19/25	12/19/25

Type: Lab Control Sample
Matrix: Soil

Lab ID: QC1325043
Method: EPA 8260B

Batch: 390855
Prep Method: EPA 5030B

QC1325043 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	47.31	50.00	ug/Kg	95%		72-130
MTBE	43.53	50.00	ug/Kg	87%		69-127
Benzene	47.22	50.00	ug/Kg	94%		76-126
Trichloroethene	44.94	50.00	ug/Kg	90%		74-121
Toluene	48.43	50.00	ug/Kg	97%		78-121
Chlorobenzene	48.40	50.00	ug/Kg	97%		80-121
Surrogates						
Dibromofluoromethane	50.56	50.00	ug/Kg	101%		70-130
1,2-Dichloroethane-d4	47.42	50.00	ug/Kg	95%		70-130
Toluene-d8	50.94	50.00	ug/Kg	102%		70-130
Bromofluorobenzene	51.24	50.00	ug/Kg	102%		70-130

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1325044	Batch: 390855
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1325044 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	46.32	50.00	ug/Kg	93%		72-130	2	26
MTBE	43.99	50.00	ug/Kg	88%		69-127	1	25
Benzene	46.48	50.00	ug/Kg	93%		76-126	2	24
Trichloroethene	43.45	50.00	ug/Kg	87%		74-121	3	26
Toluene	46.66	50.00	ug/Kg	93%		78-121	4	24
Chlorobenzene	46.80	50.00	ug/Kg	94%		80-121	3	23
Surrogates								
Dibromofluoromethane	50.76	50.00	ug/Kg	102%		70-130		
1,2-Dichloroethane-d4	48.69	50.00	ug/Kg	97%		70-130		
Toluene-d8	50.27	50.00	ug/Kg	101%		70-130		
Bromofluorobenzene	51.19	50.00	ug/Kg	102%		70-130		

Batch QC

Type: Blank	Lab ID: QC1325047	Batch: 390855
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1325047 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Freon 12	ND		ug/Kg	5.0	1.8	12/23/25	12/23/25
Chloromethane	ND		ug/Kg	5.0	0.7	12/23/25	12/23/25
Vinyl Chloride	ND		ug/Kg	5.0	1.0	12/23/25	12/23/25
Bromomethane	ND		ug/Kg	5.0	0.7	12/23/25	12/23/25
Chloroethane	ND		ug/Kg	5.0	1.3	12/23/25	12/23/25
Trichlorofluoromethane	ND		ug/Kg	5.0	1.0	12/23/25	12/23/25
Acetone	ND		ug/Kg	100	6.9	12/23/25	12/23/25
Freon 113	ND		ug/Kg	5.0	0.7	12/23/25	12/23/25
1,1-Dichloroethene	ND		ug/Kg	5.0	1.0	12/23/25	12/23/25
Methylene Chloride	ND		ug/Kg	20		12/23/25	12/23/25
MTBE	ND		ug/Kg	5.0	0.8	12/23/25	12/23/25
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	0.7	12/23/25	12/23/25
1,1-Dichloroethane	ND		ug/Kg	5.0	0.7	12/23/25	12/23/25
2-Butanone	ND		ug/Kg	100	2.9	12/23/25	12/23/25
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	0.6	12/23/25	12/23/25
2,2-Dichloropropane	ND		ug/Kg	5.0	1.0	12/23/25	12/23/25
Chloroform	ND		ug/Kg	5.0	0.3	12/23/25	12/23/25
Bromochloromethane	ND		ug/Kg	5.0	0.5	12/23/25	12/23/25
1,1,1-Trichloroethane	ND		ug/Kg	5.0	0.9	12/23/25	12/23/25
1,1-Dichloropropene	ND		ug/Kg	5.0	0.7	12/23/25	12/23/25
Carbon Tetrachloride	ND		ug/Kg	5.0	1.0	12/23/25	12/23/25
1,2-Dichloroethane	ND		ug/Kg	5.0	0.5	12/23/25	12/23/25
Benzene	ND		ug/Kg	5.0	0.5	12/23/25	12/23/25
Trichloroethene	ND		ug/Kg	5.0	0.7	12/23/25	12/23/25
1,2-Dichloropropane	ND		ug/Kg	5.0	0.6	12/23/25	12/23/25
Bromodichloromethane	ND		ug/Kg	5.0	0.7	12/23/25	12/23/25
Dibromomethane	ND		ug/Kg	5.0	0.8	12/23/25	12/23/25
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	0.9	12/23/25	12/23/25
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	0.7	12/23/25	12/23/25
Toluene	ND		ug/Kg	5.0	0.3	12/23/25	12/23/25
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	0.8	12/23/25	12/23/25
1,1,2-Trichloroethane	ND		ug/Kg	5.0	0.6	12/23/25	12/23/25
1,3-Dichloropropane	ND		ug/Kg	5.0	0.3	12/23/25	12/23/25
Tetrachloroethene	ND		ug/Kg	5.0	0.3	12/23/25	12/23/25
Dibromochloromethane	ND		ug/Kg	5.0	1.0	12/23/25	12/23/25
1,2-Dibromoethane	ND		ug/Kg	5.0	0.7	12/23/25	12/23/25
Chlorobenzene	ND		ug/Kg	5.0	0.4	12/23/25	12/23/25
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	0.9	12/23/25	12/23/25
Ethylbenzene	ND		ug/Kg	5.0	0.3	12/23/25	12/23/25
m,p-Xylenes	ND		ug/Kg	10	1.0	12/23/25	12/23/25
o-Xylene	ND		ug/Kg	5.0	0.5	12/23/25	12/23/25
Styrene	ND		ug/Kg	5.0	0.3	12/23/25	12/23/25
Bromoform	ND		ug/Kg	5.0	1.0	12/23/25	12/23/25
Isopropylbenzene	ND		ug/Kg	5.0	0.5	12/23/25	12/23/25
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1.3	12/23/25	12/23/25
1,2,3-Trichloropropane	ND		ug/Kg	5.0	0.7	12/23/25	12/23/25
Propylbenzene	ND		ug/Kg	5.0	0.6	12/23/25	12/23/25

Batch QC

QC1325047 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Bromobenzene	ND		ug/Kg	5.0	0.5	12/23/25	12/23/25
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	0.5	12/23/25	12/23/25
2-Chlorotoluene	ND		ug/Kg	5.0	0.5	12/23/25	12/23/25
4-Chlorotoluene	ND		ug/Kg	5.0	0.5	12/23/25	12/23/25
tert-Butylbenzene	ND		ug/Kg	5.0	0.5	12/23/25	12/23/25
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	0.4	12/23/25	12/23/25
sec-Butylbenzene	ND		ug/Kg	5.0	0.6	12/23/25	12/23/25
para-Isopropyl Toluene	ND		ug/Kg	5.0	0.4	12/23/25	12/23/25
1,3-Dichlorobenzene	ND		ug/Kg	5.0	0.4	12/23/25	12/23/25
1,4-Dichlorobenzene	ND		ug/Kg	5.0	0.4	12/23/25	12/23/25
n-Butylbenzene	ND		ug/Kg	5.0	0.5	12/23/25	12/23/25
1,2-Dichlorobenzene	ND		ug/Kg	5.0	0.4	12/23/25	12/23/25
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1.2	12/23/25	12/23/25
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	0.6	12/23/25	12/23/25
Hexachlorobutadiene	ND		ug/Kg	5.0	0.6	12/23/25	12/23/25
Naphthalene	ND		ug/Kg	5.0	0.8	12/23/25	12/23/25
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	0.6	12/23/25	12/23/25
Xylene (total)	ND		ug/Kg	5.0		12/23/25	12/23/25
Surrogates				Limits			
Dibromofluoromethane	99%		%REC	70-130		12/23/25	12/23/25
1,2-Dichloroethane-d4	99%		%REC	70-130		12/23/25	12/23/25
Toluene-d8	101%		%REC	70-130		12/23/25	12/23/25
Bromofluorobenzene	94%		%REC	70-130		12/23/25	12/23/25

Batch QC

Type: Blank	Lab ID: QC1325048	Batch: 390855
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1325048 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Freon 12	ND		ug/Kg	250	230	12/23/25	12/23/25
Chloromethane	ND		ug/Kg	250	92	12/23/25	12/23/25
Vinyl Chloride	ND		ug/Kg	250	99	12/23/25	12/23/25
Bromomethane	ND		ug/Kg	250	52	12/23/25	12/23/25
Chloroethane	ND		ug/Kg	250	110	12/23/25	12/23/25
Trichlorofluoromethane	ND		ug/Kg	250	100	12/23/25	12/23/25
Acetone	ND		ug/Kg	5,000	1,500	12/23/25	12/23/25
Freon 113	ND		ug/Kg	250	54	12/23/25	12/23/25
1,1-Dichloroethene	ND		ug/Kg	250	81	12/23/25	12/23/25
Methylene Chloride	ND		ug/Kg	1,000		12/23/25	12/23/25
MTBE	ND		ug/Kg	250	21	12/23/25	12/23/25
trans-1,2-Dichloroethene	ND		ug/Kg	250	16	12/23/25	12/23/25
1,1-Dichloroethane	ND		ug/Kg	250	22	12/23/25	12/23/25
2-Butanone	ND		ug/Kg	5,000	140	12/23/25	12/23/25
cis-1,2-Dichloroethene	ND		ug/Kg	250	17	12/23/25	12/23/25
2,2-Dichloropropane	ND		ug/Kg	250	32	12/23/25	12/23/25
Chloroform	ND		ug/Kg	250	29	12/23/25	12/23/25
Bromochloromethane	ND		ug/Kg	250	41	12/23/25	12/23/25
1,1,1-Trichloroethane	ND		ug/Kg	250	18	12/23/25	12/23/25
1,1-Dichloropropene	ND		ug/Kg	250	70	12/23/25	12/23/25
Carbon Tetrachloride	ND		ug/Kg	250	60	12/23/25	12/23/25
1,2-Dichloroethane	ND		ug/Kg	250	25	12/23/25	12/23/25
Benzene	ND		ug/Kg	250	36	12/23/25	12/23/25
Trichloroethene	ND		ug/Kg	250	42	12/23/25	12/23/25
1,2-Dichloropropane	ND		ug/Kg	250	48	12/23/25	12/23/25
Bromodichloromethane	ND		ug/Kg	250	70	12/23/25	12/23/25
Dibromomethane	ND		ug/Kg	250	70	12/23/25	12/23/25
4-Methyl-2-Pentanone	ND		ug/Kg	250	70	12/23/25	12/23/25
cis-1,3-Dichloropropene	ND		ug/Kg	250	84	12/23/25	12/23/25
Toluene	ND		ug/Kg	250	40	12/23/25	12/23/25
trans-1,3-Dichloropropene	ND		ug/Kg	250	84	12/23/25	12/23/25
1,1,2-Trichloroethane	ND		ug/Kg	250	40	12/23/25	12/23/25
1,3-Dichloropropane	ND		ug/Kg	250	30	12/23/25	12/23/25
Tetrachloroethene	ND		ug/Kg	250	42	12/23/25	12/23/25
Dibromochloromethane	ND		ug/Kg	250	76	12/23/25	12/23/25
1,2-Dibromoethane	ND		ug/Kg	250	43	12/23/25	12/23/25
Chlorobenzene	ND		ug/Kg	250	31	12/23/25	12/23/25
1,1,1,2-Tetrachloroethane	ND		ug/Kg	250	67	12/23/25	12/23/25
Ethylbenzene	ND		ug/Kg	250	44	12/23/25	12/23/25
m,p-Xylenes	ND		ug/Kg	500	40	12/23/25	12/23/25
o-Xylene	ND		ug/Kg	250	49	12/23/25	12/23/25
Styrene	ND		ug/Kg	250	69	12/23/25	12/23/25
Bromoform	ND		ug/Kg	250	97	12/23/25	12/23/25
Isopropylbenzene	ND		ug/Kg	250	43	12/23/25	12/23/25
1,1,2,2-Tetrachloroethane	ND		ug/Kg	250	34	12/23/25	12/23/25
1,2,3-Trichloropropane	ND		ug/Kg	250	22	12/23/25	12/23/25
Propylbenzene	ND		ug/Kg	250	36	12/23/25	12/23/25

Batch QC

QC1325048 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Bromobenzene	ND		ug/Kg	250	33	12/23/25	12/23/25
1,3,5-Trimethylbenzene	ND		ug/Kg	250	43	12/23/25	12/23/25
2-Chlorotoluene	ND		ug/Kg	250	40	12/23/25	12/23/25
4-Chlorotoluene	ND		ug/Kg	250	40	12/23/25	12/23/25
tert-Butylbenzene	ND		ug/Kg	250	46	12/23/25	12/23/25
1,2,4-Trimethylbenzene	ND		ug/Kg	250	46	12/23/25	12/23/25
sec-Butylbenzene	ND		ug/Kg	250	38	12/23/25	12/23/25
para-Isopropyl Toluene	ND		ug/Kg	250	50	12/23/25	12/23/25
1,3-Dichlorobenzene	ND		ug/Kg	250	34	12/23/25	12/23/25
1,4-Dichlorobenzene	ND		ug/Kg	250	32	12/23/25	12/23/25
n-Butylbenzene	ND		ug/Kg	250	51	12/23/25	12/23/25
1,2-Dichlorobenzene	ND		ug/Kg	250	36	12/23/25	12/23/25
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	250	79	12/23/25	12/23/25
1,2,4-Trichlorobenzene	ND		ug/Kg	250	59	12/23/25	12/23/25
Hexachlorobutadiene	ND		ug/Kg	250	63	12/23/25	12/23/25
Naphthalene	ND		ug/Kg	250	56	12/23/25	12/23/25
1,2,3-Trichlorobenzene	ND		ug/Kg	250	32	12/23/25	12/23/25
Xylene (total)	ND		ug/Kg	250		12/23/25	12/23/25
Surrogates	Limits						
Dibromofluoromethane	96%		%REC	70-130		12/23/25	12/23/25
1,2-Dichloroethane-d4	102%		%REC	70-130		12/23/25	12/23/25
Toluene-d8	97%		%REC	70-130		12/23/25	12/23/25
Bromofluorobenzene	96%		%REC	70-130		12/23/25	12/23/25

Type: Matrix Spike	Lab ID: QC1325128	Batch: 390855
Matrix (Source ID): Soil (549315-004)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1325128 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	11.92	ND	20.53	ug/Kg	58%		56-129	1
MTBE	12.95	ND	20.53	ug/Kg	63%		47-130	1
Benzene	12.48	ND	20.53	ug/Kg	61%		54-128	1
Trichloroethene	11.47	ND	20.53	ug/Kg	56%		48-128	1
Toluene	11.99	ND	20.53	ug/Kg	58%		53-123	1
Chlorobenzene	11.59	ND	20.53	ug/Kg	56%		50-125	1
Surrogates								
Dibromofluoromethane	51.29		51.33	ug/Kg	100%		70-130	1
1,2-Dichloroethane-d4	51.32		51.33	ug/Kg	100%		70-130	1
Toluene-d8	51.87		51.33	ug/Kg	101%		70-130	1
Bromofluorobenzene	49.92		51.33	ug/Kg	97%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1325129	Batch: 390855
Matrix (Source ID): Soil (549315-004)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1325129 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	11.81	ND	20.53	ug/Kg	58%		56-129	1	41	1
MTBE	12.93	ND	20.53	ug/Kg	63%		47-130	0	44	1
Benzene	12.13	ND	20.53	ug/Kg	59%		54-128	3	45	1
Trichloroethene	11.12	ND	20.53	ug/Kg	54%		48-128	3	47	1
Toluene	11.82	ND	20.53	ug/Kg	58%		53-123	1	43	1
Chlorobenzene	11.83	ND	20.53	ug/Kg	58%		50-125	2	44	1
Surrogates										
Dibromofluoromethane	52.02		51.33	ug/Kg	101%		70-130			1
1,2-Dichloroethane-d4	52.06		51.33	ug/Kg	101%		70-130			1
Toluene-d8	51.00		51.33	ug/Kg	99%		70-130			1
Bromofluorobenzene	51.23		51.33	ug/Kg	100%		70-130			1

* Value is outside QC limits
 ND Not Detected



Enthalpy Analytical
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enthalpy.com

Lab Job Number : 550242
Report Level : II
Report Date : 01/14/2026

Analytical Report *prepared for:*

Cindy Schreier
Prima Environmental, Inc.
5070 Robert J. Mathews Pkwy
Suite 300
El Dorado Hills, CA 95762

Location: SES - HearthStone

Authorized for release by:

John Goyette, Service Center Manager
(510) 204-2233 Ext 13112
john.goyette@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197



Sample Summary

Cindy Schreier
Prima Environmental, Inc.
5070 Robert J. Mathews
Pkwy
Suite 300
El Dorado Hills, CA 95762

Lab Job #: 550242
Location: SES - HearthStone
Date Received: 01/07/26

Sample ID	Lab ID	Collected	Matrix
SES-HEART PC-B	550242-001	01/06/26 09:30	Water
SES-HEART LOW-B	550242-002	01/06/26 09:30	Water
SES-HEART MED-B	550242-003	01/06/26 09:30	Water
SES-HEART HIGH-B	550242-004	01/06/26 09:30	Water
SES-HEART PC-B SO	550242-005	01/06/26 09:30	Soil
SES-HEART LOW-B SO	550242-006	01/06/26 09:30	Soil
SES-HEART MED-B SO	550242-007	01/06/26 09:30	Soil
SES-HEART HIGH-B SO	550242-008	01/06/26 09:30	Soil

Case Narrative

Prima Environmental, Inc.
5070 Robert J. Mathews Pkwy
Suite 300
El Dorado Hills, CA 95762
Cindy Schreier

Lab Job Number: 550242
Location: SES -
HearthStone
Date Received: 01/07/26

This data package contains sample and QC results for four soil samples and four water samples, requested for the above referenced project on 01/07/26. The samples were received in good condition.

Volatile Organics by GC/MS (EPA 8260B) Water:

No analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B) Soil:

- High response was observed for tetrachloroethene in the CCV analyzed 01/08/26 19:57; this analyte was not detected at or above the RL in the associated samples, and affected data was qualified with "b".
- Low recovery was observed for MTBE in the MSD for batch 391943; the parent sample was not a project sample, the BS/BSD were within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

Metals (EPA 6020):

- Manganese was detected between the MDL and the RL in the method blank for batch 391918; this analyte was detected in samples at a level at least 10 times that of the blank.
- No other analytical problems were encountered.

CHAIN OF CUSTODY

1R10 2.3/2.5 bag

Page 1 of 1
Chain of Custody #: _____

C&T LOGIN # _____

Project No: _____

Project Name: SES - HearthStone

EDD Format: _____ Rpt Level: ☐ I ☐ II ☐ III ☐ IV

Turnaround Time: ☐ RUSH _____ ☒ Standard

Sampler: Cindy Schreier

Report To: Cindy Schreier

Company : PRIMA Environmental, Inc.

Telephone: 916-939-7300

Email: data@primaenvironmental.com

[illegible]

SAMPLE RECEIPT

Metals field filtered.
Metals samples are purple from NaMnO₄, concentrations are < 1 g/L

RELINQUISHED BY:

PRIMA	DATE/TIME
Mount. Slickens	1/6/26

DATE/TIME

DATE/TIME

RECEIVED BY:

Q15.100	FedEx	1/17/26	1130
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DATE/TIME

DATE/TIME

Analytical Request

[illegible]

Loggin 550242



ENTHALPY

Date Received: 1/7/26 WO# 550242 Client: PRIMA

Are custody seals present? ☐ Yes ☒ No

Custody seals intact on arrival? ☒ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

☐ Courier ☐ Walk-In ☐ Field Sampling ☒ Shipping Info: **FED EX**☐ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)

Date Opened 1/7/26 By (initials) JXR Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR10 CF: +0.2

Cooler Temp (°C) #1: 2.3 / 2.5 #2: / #3: / #4: / #5: / #6: /

☐ No microbiology samples submitted (skip 3b)☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.☐ Adequate headspace for microbiology analysis.☐ No air samples submitted (skip 3c)☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other

YES	NO	N/A
-----	----	-----

1) Were custody papers present, filled properly, and legible?

2) Is the sampler's name present on the CoC?

3) Were containers received in good condition (unbroken / unopened / uncompromised)?

4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)

5) Were all of, and only, the correct samples received?

6) Are sample labels present, legible, and in agreement with the CoC?

7) Does the container count match the CoC?

8) Was sufficient sample volume / mass received for the analyses requested?

9) Were samples received in proper containers for the analyses requested?

10) Were samples received with > 1/2 holding time remaining?

11) Are samples properly preserved as indicated by CoC / labels?

12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?

13) Are VOA vials free from headspace/bubbles > 6mm?

(If no comments are made, then no discrepancies noted.)

[illegible]☐ No additional discrepancies

Date Logged 1/6/26 By (print) MAY

(sign) *NA*

Date Labeled 1/7/26 By (print) JXR

(sign)  for JXR

ORIGIN ID:MHRA (916) 939-7300
CINDY SCHREIER
PRIMA ENVIRONMENTAL INC.
5070 ROBERT J. MATHEWS PKWY
SUITE 300
EL DORADO HILLS, CA 95762
UNITED STATES US

SHIP DATE: 06JAN26
ACTWGT: 21.00 LB
CAD: 4692371/NET4535
DIMS: 14x14x14 IN
BILL SENDER

TO **SAMPLE RECEIVING**
ENTHALPY ANALYTICAL
931 WEST BARKLEY AVE

ORANGE CA 92868

REF: STRAT-ANDSES-HEART

(714) 771-6900

INV:

PC:

DEPT:



WED - 07 JAN 10:30A
PRIORITY OVERNIGHT

TRK# **8876 7904 5250**

92 APVA

92868

CA-US SNA



After printing this label:
1. Fold the printed page along the horizontal line.
2. Place label in shipping pouch and affix it to your shipment.

CONSIGNEE COPY - PLEASE PLACE IN FRONT OF POUCH

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Analysis Results for 550242

Cindy Schreier
Prima Environmental, Inc.
5070 Robert J. Mathews Pkwy
Suite 300
El Dorado Hills, CA 95762

Lab Job #: 550242
Location: SES - HearthStone
Date Received: 01/07/26

Sample ID: SES-HEART PC-B

Lab ID: 550242-001

Collected: 01/06/26 09:30

550242-001 Analyte	Result	Qual	Units	RL	MDL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6020											
Prep Method: 200.8 DirectAnalysis											
Chromium	ND		ug/L	5.0	0.58	Filtrate	1	391918	01/07/26	01/07/26	DXC
Manganese	77		ug/L	10	2.8	Filtrate	1	391918	01/07/26	01/08/26	DXC
Method: EPA 8260B											
Prep Method: EPA 5030B											
Freon 12	ND		ug/L	25	7.5	Water	50	391836	01/07/26	01/07/26	HMN
Chloromethane	ND		ug/L	25	4.4	Water	50	391836	01/07/26	01/07/26	HMN
Vinyl Chloride	24	J	ug/L	25	6.7	Water	50	391836	01/07/26	01/07/26	HMN
Bromomethane	ND		ug/L	50	7.3	Water	50	391836	01/07/26	01/07/26	HMN
Chloroethane	ND		ug/L	25	6.5	Water	50	391836	01/07/26	01/07/26	HMN
Trichlorofluoromethane	ND		ug/L	25	6.7	Water	50	391836	01/07/26	01/07/26	HMN
Acetone	ND		ug/L	1,000	680	Water	50	391836	01/07/26	01/07/26	HMN
Freon 113	ND		ug/L	25	6.3	Water	50	391836	01/07/26	01/07/26	HMN
1,1-Dichloroethene	ND		ug/L	25	5.3	Water	50	391836	01/07/26	01/07/26	HMN
Methylene Chloride	ND		ug/L	500	11	Water	50	391836	01/07/26	01/07/26	HMN
MTBE	ND		ug/L	25	7.5	Water	50	391836	01/07/26	01/07/26	HMN
trans-1,2-Dichloroethene	ND		ug/L	25	6.1	Water	50	391836	01/07/26	01/07/26	HMN
1,1-Dichloroethane	ND		ug/L	25	4.7	Water	50	391836	01/07/26	01/07/26	HMN
2-Butanone	ND		ug/L	250	66	Water	50	391836	01/07/26	01/07/26	HMN
cis-1,2-Dichloroethene	300		ug/L	25	6.7	Water	50	391836	01/07/26	01/07/26	HMN
2,2-Dichloropropane	ND		ug/L	25	11	Water	50	391836	01/07/26	01/07/26	HMN
Chloroform	ND		ug/L	25	4.0	Water	50	391836	01/07/26	01/07/26	HMN
Bromochloromethane	ND		ug/L	25	5.0	Water	50	391836	01/07/26	01/07/26	HMN
1,1,1-Trichloroethane	ND		ug/L	25	5.7	Water	50	391836	01/07/26	01/07/26	HMN
1,1-Dichloropropene	ND		ug/L	25	6.3	Water	50	391836	01/07/26	01/07/26	HMN
Carbon Tetrachloride	ND		ug/L	25	5.4	Water	50	391836	01/07/26	01/07/26	HMN
1,2-Dichloroethane	ND		ug/L	25	7.9	Water	50	391836	01/07/26	01/07/26	HMN
Benzene	ND		ug/L	25	6.6	Water	50	391836	01/07/26	01/07/26	HMN
Trichloroethene	210		ug/L	25	7.3	Water	50	391836	01/07/26	01/07/26	HMN
1,2-Dichloropropane	ND		ug/L	25	4.4	Water	50	391836	01/07/26	01/07/26	HMN
Bromodichloromethane	ND		ug/L	25	3.4	Water	50	391836	01/07/26	01/07/26	HMN
Dibromomethane	ND		ug/L	25	5.0	Water	50	391836	01/07/26	01/07/26	HMN
4-Methyl-2-Pentanone	ND		ug/L	250	51	Water	50	391836	01/07/26	01/07/26	HMN
cis-1,3-Dichloropropene	ND		ug/L	25	4.8	Water	50	391836	01/07/26	01/07/26	HMN
Toluene	ND		ug/L	25	6.0	Water	50	391836	01/07/26	01/07/26	HMN
trans-1,3-Dichloropropene	ND		ug/L	25	4.7	Water	50	391836	01/07/26	01/07/26	HMN
1,1,2-Trichloroethane	ND		ug/L	25	5.4	Water	50	391836	01/07/26	01/07/26	HMN
1,3-Dichloropropane	ND		ug/L	25	3.7	Water	50	391836	01/07/26	01/07/26	HMN
Tetrachloroethene	6,000		ug/L	25	8.5	Water	50	391836	01/07/26	01/07/26	HMN
Dibromochloromethane	ND		ug/L	25	6.2	Water	50	391836	01/07/26	01/07/26	HMN
1,2-Dibromoethane	ND		ug/L	25	6.7	Water	50	391836	01/07/26	01/07/26	HMN
Chlorobenzene	ND		ug/L	25	6.2	Water	50	391836	01/07/26	01/07/26	HMN

Analysis Results for 550242

550242-001 Analyte	Result	Qual	Units	RL	MDL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
1,1,1,2-Tetrachloroethane	ND		ug/L	25	3.6	Water	50	391836	01/07/26	01/07/26	HMN
Ethylbenzene	ND		ug/L	25	4.9	Water	50	391836	01/07/26	01/07/26	HMN
m,p-Xylenes	ND		ug/L	50	11	Water	50	391836	01/07/26	01/07/26	HMN
o-Xylene	ND		ug/L	25	6.2	Water	50	391836	01/07/26	01/07/26	HMN
Styrene	ND		ug/L	25	7.1	Water	50	391836	01/07/26	01/07/26	HMN
Bromoform	ND		ug/L	50	3.0	Water	50	391836	01/07/26	01/07/26	HMN
Propylbenzene	ND		ug/L	25	7.4	Water	50	391836	01/07/26	01/07/26	HMN
Isopropylbenzene	ND		ug/L	25	6.5	Water	50	391836	01/07/26	01/07/26	HMN
1,1,2,2-Tetrachloroethane	ND		ug/L	25	6.1	Water	50	391836	01/07/26	01/07/26	HMN
1,2,3-Trichloropropane	ND		ug/L	25	14	Water	50	391836	01/07/26	01/07/26	HMN
Bromobenzene	ND		ug/L	50	7.1	Water	50	391836	01/07/26	01/07/26	HMN
1,3,5-Trimethylbenzene	ND		ug/L	25	6.6	Water	50	391836	01/07/26	01/07/26	HMN
2-Chlorotoluene	ND		ug/L	25	5.7	Water	50	391836	01/07/26	01/07/26	HMN
4-Chlorotoluene	ND		ug/L	25	7.7	Water	50	391836	01/07/26	01/07/26	HMN
tert-Butylbenzene	ND		ug/L	25	5.7	Water	50	391836	01/07/26	01/07/26	HMN
1,2,4-Trimethylbenzene	ND		ug/L	25	7.5	Water	50	391836	01/07/26	01/07/26	HMN
sec-Butylbenzene	ND		ug/L	25	7.7	Water	50	391836	01/07/26	01/07/26	HMN
para-Isopropyl Toluene	ND		ug/L	25	7.7	Water	50	391836	01/07/26	01/07/26	HMN
1,3-Dichlorobenzene	ND		ug/L	25	6.6	Water	50	391836	01/07/26	01/07/26	HMN
1,4-Dichlorobenzene	ND		ug/L	25	10	Water	50	391836	01/07/26	01/07/26	HMN
n-Butylbenzene	ND		ug/L	25	7.0	Water	50	391836	01/07/26	01/07/26	HMN
1,2-Dichlorobenzene	ND		ug/L	25	6.1	Water	50	391836	01/07/26	01/07/26	HMN
1,2-Dibromo-3-Chloropropane	ND		ug/L	100	32	Water	50	391836	01/07/26	01/07/26	HMN
1,2,4-Trichlorobenzene	ND		ug/L	25	15	Water	50	391836	01/07/26	01/07/26	HMN
Hexachlorobutadiene	ND		ug/L	100	13	Water	50	391836	01/07/26	01/07/26	HMN
Naphthalene	ND		ug/L	100	32	Water	50	391836	01/07/26	01/07/26	HMN
1,2,3-Trichlorobenzene	ND		ug/L	25	14	Water	50	391836	01/07/26	01/07/26	HMN
Isopropyl Ether (DIPE)	ND		ug/L	25	6.2	Water	50	391836	01/07/26	01/07/26	HMN
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	25	6.0	Water	50	391836	01/07/26	01/07/26	HMN
tert-Butyl Alcohol (TBA)	ND		ug/L	500	130	Water	50	391836	01/07/26	01/07/26	HMN
Methyl tert-Amyl Ether (TAME)	ND		ug/L	25	6.2	Water	50	391836	01/07/26	01/07/26	HMN
Xylene (total)	ND		ug/L	25		Water	50	391836	01/07/26	01/07/26	HMN
Surrogates	Limits										
Dibromofluoromethane	108%		%REC	70-130		Water	50	391836	01/07/26	01/07/26	HMN
1,2-Dichloroethane-d4	100%		%REC	70-130		Water	50	391836	01/07/26	01/07/26	HMN
Toluene-d8	99%		%REC	70-130		Water	50	391836	01/07/26	01/07/26	HMN
Bromofluorobenzene	98%		%REC	70-130		Water	50	391836	01/07/26	01/07/26	HMN

Analysis Results for 550242

Sample ID: SES-HEART LOW-B
Lab ID: 550242-002
Collected: 01/06/26 09:30

550242-002 Analyte	Result	Qual	Units	RL	MDL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6020											
Prep Method: 200.8 DirectAnalysis											
Chromium	190	J	ug/L	250	11	Filtrate	50	391918	01/07/26	01/07/26	DXC
Manganese	42,000		ug/L	500	140	Filtrate	50	391918	01/07/26	01/08/26	DXC
Method: EPA 8260B											
Prep Method: EPA 5030B											
Freon 12	ND		ug/L	0.5	0.2	Water	1	391836	01/07/26	01/07/26	HMN
Chloromethane	ND		ug/L	0.5	0.09	Water	1	391836	01/07/26	01/07/26	HMN
Vinyl Chloride	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
Bromomethane	ND		ug/L	1.0	0.1	Water	1	391836	01/07/26	01/07/26	HMN
Chloroethane	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
Trichlorofluoromethane	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
Acetone	58		ug/L	20	14	Water	1	391836	01/07/26	01/07/26	HMN
Freon 113	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,1-Dichloroethene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
Methylene Chloride	ND		ug/L	10	0.2	Water	1	391836	01/07/26	01/07/26	HMN
MTBE	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
trans-1,2-Dichloroethene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,1-Dichloroethane	ND		ug/L	0.5	0.09	Water	1	391836	01/07/26	01/07/26	HMN
2-Butanone	6.2		ug/L	5.0	1.3	Water	1	391836	01/07/26	01/07/26	HMN
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
2,2-Dichloropropane	ND		ug/L	0.5	0.2	Water	1	391836	01/07/26	01/07/26	HMN
Chloroform	ND		ug/L	0.5	0.08	Water	1	391836	01/07/26	01/07/26	HMN
Bromochloromethane	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,1,1-Trichloroethane	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,1-Dichloropropene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
Carbon Tetrachloride	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,2-Dichloroethane	ND		ug/L	0.5	0.2	Water	1	391836	01/07/26	01/07/26	HMN
Benzene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
Trichloroethene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,2-Dichloropropane	ND		ug/L	0.5	0.09	Water	1	391836	01/07/26	01/07/26	HMN
Bromodichloromethane	ND		ug/L	0.5	0.07	Water	1	391836	01/07/26	01/07/26	HMN
Dibromomethane	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	Water	1	391836	01/07/26	01/07/26	HMN
cis-1,3-Dichloropropene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
Toluene	0.1	J	ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
trans-1,3-Dichloropropene	ND		ug/L	0.5	0.09	Water	1	391836	01/07/26	01/07/26	HMN
1,1,2-Trichloroethane	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,3-Dichloropropane	ND		ug/L	0.5	0.07	Water	1	391836	01/07/26	01/07/26	HMN
Tetrachloroethene	ND		ug/L	0.5	0.2	Water	1	391836	01/07/26	01/07/26	HMN
Dibromochloromethane	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,2-Dibromoethane	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
Chlorobenzene	0.2	J	ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	0.07	Water	1	391836	01/07/26	01/07/26	HMN
Ethylbenzene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
m,p-Xylenes	ND		ug/L	1.0	0.2	Water	1	391836	01/07/26	01/07/26	HMN
o-Xylene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
Styrene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN

Analysis Results for 550242

550242-002 Analyte	Result	Qual	Units	RL	MDL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Bromoform	ND		ug/L	1.0	0.06	Water	1	391836	01/07/26	01/07/26	HMN
Propylbenzene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
Isopropylbenzene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,2,3-Trichloropropane	ND		ug/L	0.5	0.3	Water	1	391836	01/07/26	01/07/26	HMN
Bromobenzene	ND		ug/L	1.0	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,3,5-Trimethylbenzene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
2-Chlorotoluene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
4-Chlorotoluene	ND		ug/L	0.5	0.2	Water	1	391836	01/07/26	01/07/26	HMN
tert-Butylbenzene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,2,4-Trimethylbenzene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
sec-Butylbenzene	ND		ug/L	0.5	0.2	Water	1	391836	01/07/26	01/07/26	HMN
para-Isopropyl Toluene	ND		ug/L	0.5	0.2	Water	1	391836	01/07/26	01/07/26	HMN
1,3-Dichlorobenzene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	Water	1	391836	01/07/26	01/07/26	HMN
n-Butylbenzene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,2-Dichlorobenzene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	0.6	Water	1	391836	01/07/26	01/07/26	HMN
1,2,4-Trichlorobenzene	ND		ug/L	0.5	0.3	Water	1	391836	01/07/26	01/07/26	HMN
Hexachlorobutadiene	ND		ug/L	2.0	0.3	Water	1	391836	01/07/26	01/07/26	HMN
Naphthalene	ND		ug/L	2.0	0.6	Water	1	391836	01/07/26	01/07/26	HMN
1,2,3-Trichlorobenzene	ND		ug/L	0.5	0.3	Water	1	391836	01/07/26	01/07/26	HMN
Isopropyl Ether (DIPE)	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
tert-Butyl Alcohol (TBA)	ND		ug/L	10	2.5	Water	1	391836	01/07/26	01/07/26	HMN
Methyl tert-Amyl Ether (TAME)	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
Xylene (total)	ND		ug/L	0.5		Water	1	391836	01/07/26	01/07/26	HMN
Surrogates	Limits										
Dibromofluoromethane	109%		%REC	70-130		Water	1	391836	01/07/26	01/07/26	HMN
1,2-Dichloroethane-d4	104%		%REC	70-130		Water	1	391836	01/07/26	01/07/26	HMN
Toluene-d8	101%		%REC	70-130		Water	1	391836	01/07/26	01/07/26	HMN
Bromofluorobenzene	95%		%REC	70-130		Water	1	391836	01/07/26	01/07/26	HMN

Analysis Results for 550242

Sample ID: SES-HEART MED-B
Lab ID: 550242-003
Collected: 01/06/26 09:30

550242-003 Analyte	Result	Qual	Units	RL	MDL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6020											
Prep Method: 200.8 DirectAnalysis											
Chromium	210	J	ug/L	250	11	Filtrate	50	391918	01/07/26	01/07/26	DXC
Manganese	97,000		ug/L	10,000	2,800	Filtrate	1000	391918	01/07/26	01/08/26	DXC
Method: EPA 8260B											
Prep Method: EPA 5030B											
Freon 12	ND		ug/L	0.5	0.2	Water	1	391836	01/07/26	01/07/26	HMN
Chloromethane	ND		ug/L	0.5	0.09	Water	1	391836	01/07/26	01/07/26	HMN
Vinyl Chloride	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
Bromomethane	ND		ug/L	1.0	0.1	Water	1	391836	01/07/26	01/07/26	HMN
Chloroethane	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
Trichlorofluoromethane	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
Acetone	61		ug/L	20	14	Water	1	391836	01/07/26	01/07/26	HMN
Freon 113	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,1-Dichloroethene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
Methylene Chloride	ND		ug/L	10	0.2	Water	1	391836	01/07/26	01/07/26	HMN
MTBE	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
trans-1,2-Dichloroethene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,1-Dichloroethane	ND		ug/L	0.5	0.09	Water	1	391836	01/07/26	01/07/26	HMN
2-Butanone	6.5		ug/L	5.0	1.3	Water	1	391836	01/07/26	01/07/26	HMN
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
2,2-Dichloropropane	ND		ug/L	0.5	0.2	Water	1	391836	01/07/26	01/07/26	HMN
Chloroform	ND		ug/L	0.5	0.08	Water	1	391836	01/07/26	01/07/26	HMN
Bromochloromethane	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,1,1-Trichloroethane	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,1-Dichloropropene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
Carbon Tetrachloride	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,2-Dichloroethane	ND		ug/L	0.5	0.2	Water	1	391836	01/07/26	01/07/26	HMN
Benzene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
Trichloroethene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,2-Dichloropropane	ND		ug/L	0.5	0.09	Water	1	391836	01/07/26	01/07/26	HMN
Bromodichloromethane	ND		ug/L	0.5	0.07	Water	1	391836	01/07/26	01/07/26	HMN
Dibromomethane	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	Water	1	391836	01/07/26	01/07/26	HMN
cis-1,3-Dichloropropene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
Toluene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
trans-1,3-Dichloropropene	ND		ug/L	0.5	0.09	Water	1	391836	01/07/26	01/07/26	HMN
1,1,2-Trichloroethane	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,3-Dichloropropane	ND		ug/L	0.5	0.07	Water	1	391836	01/07/26	01/07/26	HMN
Tetrachloroethene	ND		ug/L	0.5	0.2	Water	1	391836	01/07/26	01/07/26	HMN
Dibromochloromethane	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,2-Dibromoethane	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
Chlorobenzene	0.2	J	ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	0.07	Water	1	391836	01/07/26	01/07/26	HMN
Ethylbenzene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
m,p-Xylenes	ND		ug/L	1.0	0.2	Water	1	391836	01/07/26	01/07/26	HMN
o-Xylene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
Styrene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN

Analysis Results for 550242

550242-003 Analyte	Result	Qual	Units	RL	MDL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Bromoform	ND		ug/L	1.0	0.06	Water	1	391836	01/07/26	01/07/26	HMN
Propylbenzene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
Isopropylbenzene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,2,3-Trichloropropane	ND		ug/L	0.5	0.3	Water	1	391836	01/07/26	01/07/26	HMN
Bromobenzene	ND		ug/L	1.0	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,3,5-Trimethylbenzene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
2-Chlorotoluene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
4-Chlorotoluene	ND		ug/L	0.5	0.2	Water	1	391836	01/07/26	01/07/26	HMN
tert-Butylbenzene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,2,4-Trimethylbenzene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
sec-Butylbenzene	ND		ug/L	0.5	0.2	Water	1	391836	01/07/26	01/07/26	HMN
para-Isopropyl Toluene	ND		ug/L	0.5	0.2	Water	1	391836	01/07/26	01/07/26	HMN
1,3-Dichlorobenzene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	Water	1	391836	01/07/26	01/07/26	HMN
n-Butylbenzene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,2-Dichlorobenzene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	0.6	Water	1	391836	01/07/26	01/07/26	HMN
1,2,4-Trichlorobenzene	ND		ug/L	0.5	0.3	Water	1	391836	01/07/26	01/07/26	HMN
Hexachlorobutadiene	ND		ug/L	2.0	0.3	Water	1	391836	01/07/26	01/07/26	HMN
Naphthalene	ND		ug/L	2.0	0.6	Water	1	391836	01/07/26	01/07/26	HMN
1,2,3-Trichlorobenzene	ND		ug/L	0.5	0.3	Water	1	391836	01/07/26	01/07/26	HMN
Isopropyl Ether (DIPE)	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
tert-Butyl Alcohol (TBA)	ND		ug/L	10	2.5	Water	1	391836	01/07/26	01/07/26	HMN
Methyl tert-Amyl Ether (TAME)	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
Xylene (total)	ND		ug/L	0.5		Water	1	391836	01/07/26	01/07/26	HMN
Surrogates	Limits										
Dibromofluoromethane	108%		%REC	70-130		Water	1	391836	01/07/26	01/07/26	HMN
1,2-Dichloroethane-d4	104%		%REC	70-130		Water	1	391836	01/07/26	01/07/26	HMN
Toluene-d8	101%		%REC	70-130		Water	1	391836	01/07/26	01/07/26	HMN
Bromofluorobenzene	95%		%REC	70-130		Water	1	391836	01/07/26	01/07/26	HMN

Analysis Results for 550242

Sample ID: SES-HEART HIGH-B
Lab ID: 550242-004
Collected: 01/06/26 09:30

550242-004 Analyte	Result	Qual	Units	RL	MDL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6020											
Prep Method: 200.8 DirectAnalysis											
Chromium	250		ug/L	250	11	Filtrate	50	391918	01/07/26	01/07/26	DXC
Manganese	160,000		ug/L	10,000	2,800	Filtrate	1000	391918	01/07/26	01/08/26	DXC
Method: EPA 8260B											
Prep Method: EPA 5030B											
Freon 12	ND		ug/L	0.5	0.2	Water	1	391836	01/07/26	01/07/26	HMN
Chloromethane	ND		ug/L	0.5	0.09	Water	1	391836	01/07/26	01/07/26	HMN
Vinyl Chloride	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
Bromomethane	ND		ug/L	1.0	0.1	Water	1	391836	01/07/26	01/07/26	HMN
Chloroethane	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
Trichlorofluoromethane	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
Acetone	73		ug/L	20	14	Water	1	391836	01/07/26	01/07/26	HMN
Freon 113	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,1-Dichloroethene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
Methylene Chloride	ND		ug/L	10	0.2	Water	1	391836	01/07/26	01/07/26	HMN
MTBE	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
trans-1,2-Dichloroethene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,1-Dichloroethane	ND		ug/L	0.5	0.09	Water	1	391836	01/07/26	01/07/26	HMN
2-Butanone	5.9		ug/L	5.0	1.3	Water	1	391836	01/07/26	01/07/26	HMN
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
2,2-Dichloropropane	ND		ug/L	0.5	0.2	Water	1	391836	01/07/26	01/07/26	HMN
Chloroform	ND		ug/L	0.5	0.08	Water	1	391836	01/07/26	01/07/26	HMN
Bromochloromethane	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,1,1-Trichloroethane	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,1-Dichloropropene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
Carbon Tetrachloride	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,2-Dichloroethane	ND		ug/L	0.5	0.2	Water	1	391836	01/07/26	01/07/26	HMN
Benzene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
Trichloroethene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,2-Dichloropropane	ND		ug/L	0.5	0.09	Water	1	391836	01/07/26	01/07/26	HMN
Bromodichloromethane	ND		ug/L	0.5	0.07	Water	1	391836	01/07/26	01/07/26	HMN
Dibromomethane	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	Water	1	391836	01/07/26	01/07/26	HMN
cis-1,3-Dichloropropene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
Toluene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
trans-1,3-Dichloropropene	ND		ug/L	0.5	0.09	Water	1	391836	01/07/26	01/07/26	HMN
1,1,2-Trichloroethane	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,3-Dichloropropane	ND		ug/L	0.5	0.07	Water	1	391836	01/07/26	01/07/26	HMN
Tetrachloroethene	ND		ug/L	0.5	0.2	Water	1	391836	01/07/26	01/07/26	HMN
Dibromochloromethane	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,2-Dibromoethane	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
Chlorobenzene	0.2	J	ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	0.07	Water	1	391836	01/07/26	01/07/26	HMN
Ethylbenzene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
m,p-Xylenes	ND		ug/L	1.0	0.2	Water	1	391836	01/07/26	01/07/26	HMN
o-Xylene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
Styrene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN

Analysis Results for 550242

550242-004 Analyte	Result	Qual	Units	RL	MDL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Bromoform	ND		ug/L	1.0	0.06	Water	1	391836	01/07/26	01/07/26	HMN
Propylbenzene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
Isopropylbenzene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,2,3-Trichloropropane	ND		ug/L	0.5	0.3	Water	1	391836	01/07/26	01/07/26	HMN
Bromobenzene	ND		ug/L	1.0	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,3,5-Trimethylbenzene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
2-Chlorotoluene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
4-Chlorotoluene	ND		ug/L	0.5	0.2	Water	1	391836	01/07/26	01/07/26	HMN
tert-Butylbenzene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,2,4-Trimethylbenzene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
sec-Butylbenzene	ND		ug/L	0.5	0.2	Water	1	391836	01/07/26	01/07/26	HMN
para-Isopropyl Toluene	ND		ug/L	0.5	0.2	Water	1	391836	01/07/26	01/07/26	HMN
1,3-Dichlorobenzene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	Water	1	391836	01/07/26	01/07/26	HMN
n-Butylbenzene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,2-Dichlorobenzene	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	0.6	Water	1	391836	01/07/26	01/07/26	HMN
1,2,4-Trichlorobenzene	ND		ug/L	0.5	0.3	Water	1	391836	01/07/26	01/07/26	HMN
Hexachlorobutadiene	ND		ug/L	2.0	0.3	Water	1	391836	01/07/26	01/07/26	HMN
Naphthalene	ND		ug/L	2.0	0.6	Water	1	391836	01/07/26	01/07/26	HMN
1,2,3-Trichlorobenzene	ND		ug/L	0.5	0.3	Water	1	391836	01/07/26	01/07/26	HMN
Isopropyl Ether (DIPE)	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
tert-Butyl Alcohol (TBA)	ND		ug/L	10	2.5	Water	1	391836	01/07/26	01/07/26	HMN
Methyl tert-Amyl Ether (TAME)	ND		ug/L	0.5	0.1	Water	1	391836	01/07/26	01/07/26	HMN
Xylene (total)	ND		ug/L	0.5		Water	1	391836	01/07/26	01/07/26	HMN
Surrogates	Limits										
Dibromofluoromethane	110%		%REC	70-130		Water	1	391836	01/07/26	01/07/26	HMN
1,2-Dichloroethane-d4	105%		%REC	70-130		Water	1	391836	01/07/26	01/07/26	HMN
Toluene-d8	99%		%REC	70-130		Water	1	391836	01/07/26	01/07/26	HMN
Bromofluorobenzene	96%		%REC	70-130		Water	1	391836	01/07/26	01/07/26	HMN

Analysis Results for 550242

Sample ID: SES-HEART PC-B SO
Lab ID: 550242-005
Collected: 01/06/26 09:30
Matrix: Soil

550242-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
Freon 12	ND		ug/Kg	250	230	50	391943	01/08/26	01/08/26	TCN
Chloromethane	ND		ug/Kg	250	92	50	391943	01/08/26	01/08/26	TCN
Vinyl Chloride	ND		ug/Kg	250	100	50	391943	01/08/26	01/08/26	TCN
Bromomethane	ND		ug/Kg	250	52	50	391943	01/08/26	01/08/26	TCN
Chloroethane	ND		ug/Kg	250	110	50	391943	01/08/26	01/08/26	TCN
Trichlorofluoromethane	ND		ug/Kg	250	100	50	391943	01/08/26	01/08/26	TCN
Acetone	ND		ug/Kg	5,000	1,500	50	391943	01/08/26	01/08/26	TCN
Freon 113	ND		ug/Kg	250	54	50	391943	01/08/26	01/08/26	TCN
1,1-Dichloroethene	ND		ug/Kg	250	82	50	391943	01/08/26	01/08/26	TCN
Methylene Chloride	ND		ug/Kg	1,000		50	391943	01/08/26	01/08/26	TCN
MTBE	ND		ug/Kg	250	22	50	391943	01/08/26	01/08/26	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	250	16	50	391943	01/08/26	01/08/26	TCN
1,1-Dichloroethane	ND		ug/Kg	250	23	50	391943	01/08/26	01/08/26	TCN
2-Butanone	ND		ug/Kg	5,000	140	50	391943	01/08/26	01/08/26	TCN
cis-1,2-Dichloroethene	31	J	ug/Kg	250	17	50	391943	01/08/26	01/08/26	TCN
2,2-Dichloropropane	ND		ug/Kg	250	32	50	391943	01/08/26	01/08/26	TCN
Chloroform	ND		ug/Kg	250	29	50	391943	01/08/26	01/08/26	TCN
Bromochloromethane	ND		ug/Kg	250	41	50	391943	01/08/26	01/08/26	TCN
1,1,1-Trichloroethane	ND		ug/Kg	250	18	50	391943	01/08/26	01/08/26	TCN
1,1-Dichloropropene	ND		ug/Kg	250	71	50	391943	01/08/26	01/08/26	TCN
Carbon Tetrachloride	ND		ug/Kg	250	60	50	391943	01/08/26	01/08/26	TCN
1,2-Dichloroethane	ND		ug/Kg	250	25	50	391943	01/08/26	01/08/26	TCN
Benzene	ND		ug/Kg	250	37	50	391943	01/08/26	01/08/26	TCN
Trichloroethene	ND		ug/Kg	250	42	50	391943	01/08/26	01/08/26	TCN
1,2-Dichloropropane	ND		ug/Kg	250	48	50	391943	01/08/26	01/08/26	TCN
Bromodichloromethane	ND		ug/Kg	250	70	50	391943	01/08/26	01/08/26	TCN
Dibromomethane	ND		ug/Kg	250	70	50	391943	01/08/26	01/08/26	TCN
4-Methyl-2-Pentanone	ND		ug/Kg	250	70	50	391943	01/08/26	01/08/26	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	250	84	50	391943	01/08/26	01/08/26	TCN
Toluene	ND		ug/Kg	250	41	50	391943	01/08/26	01/08/26	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	250	84	50	391943	01/08/26	01/08/26	TCN
1,1,2-Trichloroethane	ND		ug/Kg	250	41	50	391943	01/08/26	01/08/26	TCN
1,3-Dichloropropane	ND		ug/Kg	250	30	50	391943	01/08/26	01/08/26	TCN
Tetrachloroethene	1,500		ug/Kg	250	42	50	391943	01/08/26	01/08/26	TCN
Dibromochloromethane	ND		ug/Kg	250	76	50	391943	01/08/26	01/08/26	TCN
1,2-Dibromoethane	ND		ug/Kg	250	43	50	391943	01/08/26	01/08/26	TCN
Chlorobenzene	ND		ug/Kg	250	31	50	391943	01/08/26	01/08/26	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	250	68	50	391943	01/08/26	01/08/26	TCN
Ethylbenzene	ND		ug/Kg	250	45	50	391943	01/08/26	01/08/26	TCN
m,p-Xylenes	ND		ug/Kg	500	41	50	391943	01/08/26	01/08/26	TCN
o-Xylene	ND		ug/Kg	250	49	50	391943	01/08/26	01/08/26	TCN
Styrene	ND		ug/Kg	250	70	50	391943	01/08/26	01/08/26	TCN
Bromoform	ND		ug/Kg	250	98	50	391943	01/08/26	01/08/26	TCN
Isopropylbenzene	ND		ug/Kg	250	44	50	391943	01/08/26	01/08/26	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	250	34	50	391943	01/08/26	01/08/26	TCN

Analysis Results for 550242

550242-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2,3-Trichloropropane	ND		ug/Kg	250	22	50	391943	01/08/26	01/08/26	TCN
Propylbenzene	ND		ug/Kg	250	36	50	391943	01/08/26	01/08/26	TCN
Bromobenzene	ND		ug/Kg	250	33	50	391943	01/08/26	01/08/26	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	250	43	50	391943	01/08/26	01/08/26	TCN
2-Chlorotoluene	ND		ug/Kg	250	40	50	391943	01/08/26	01/08/26	TCN
4-Chlorotoluene	ND		ug/Kg	250	41	50	391943	01/08/26	01/08/26	TCN
tert-Butylbenzene	ND		ug/Kg	250	47	50	391943	01/08/26	01/08/26	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	250	46	50	391943	01/08/26	01/08/26	TCN
sec-Butylbenzene	ND		ug/Kg	250	39	50	391943	01/08/26	01/08/26	TCN
para-Isopropyl Toluene	ND		ug/Kg	250	50	50	391943	01/08/26	01/08/26	TCN
1,3-Dichlorobenzene	ND		ug/Kg	250	34	50	391943	01/08/26	01/08/26	TCN
1,4-Dichlorobenzene	ND		ug/Kg	250	33	50	391943	01/08/26	01/08/26	TCN
n-Butylbenzene	ND		ug/Kg	250	52	50	391943	01/08/26	01/08/26	TCN
1,2-Dichlorobenzene	ND		ug/Kg	250	36	50	391943	01/08/26	01/08/26	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	250	80	50	391943	01/08/26	01/08/26	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	250	59	50	391943	01/08/26	01/08/26	TCN
Hexachlorobutadiene	ND		ug/Kg	250	63	50	391943	01/08/26	01/08/26	TCN
Naphthalene	ND		ug/Kg	250	57	50	391943	01/08/26	01/08/26	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	250	32	50	391943	01/08/26	01/08/26	TCN
Xylene (total)	ND		ug/Kg	250		50	391943	01/08/26	01/08/26	TCN
Surrogates	Limits									
Dibromofluoromethane	96%		%REC	70-130		50	391943	01/08/26	01/08/26	TCN
1,2-Dichloroethane-d4	96%		%REC	70-130		50	391943	01/08/26	01/08/26	TCN
Toluene-d8	100%		%REC	70-130		50	391943	01/08/26	01/08/26	TCN
Bromofluorobenzene	97%		%REC	70-130		50	391943	01/08/26	01/08/26	TCN

Analysis Results for 550242

Sample ID: SES-HEART LOW-B SO
Lab ID: 550242-006
Collected: 01/06/26 09:30
Matrix: Soil

550242-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
Freon 12	ND		ug/Kg	4.9	1.0	0.99	392037	01/08/26	01/08/26	EJB
Chloromethane	ND		ug/Kg	4.9	1.1	0.99	392037	01/08/26	01/08/26	EJB
Vinyl Chloride	ND		ug/Kg	4.9	1.3	0.99	392037	01/08/26	01/08/26	EJB
Bromomethane	ND		ug/Kg	4.9	0.9	0.99	392037	01/08/26	01/08/26	EJB
Chloroethane	ND		ug/Kg	4.9	1.3	0.99	392037	01/08/26	01/08/26	EJB
Trichlorofluoromethane	ND		ug/Kg	4.9	0.7	0.99	392037	01/08/26	01/08/26	EJB
Acetone	ND		ug/Kg	99	53	0.99	392037	01/08/26	01/08/26	EJB
Freon 113	ND		ug/Kg	4.9	0.9	0.99	392037	01/08/26	01/08/26	EJB
1,1-Dichloroethene	ND		ug/Kg	4.9	1.0	0.99	392037	01/08/26	01/08/26	EJB
Methylene Chloride	ND		ug/Kg	20		0.99	392037	01/08/26	01/08/26	EJB
MTBE	ND		ug/Kg	4.9	0.7	0.99	392037	01/08/26	01/08/26	EJB
trans-1,2-Dichloroethene	ND		ug/Kg	4.9	1.1	0.99	392037	01/08/26	01/08/26	EJB
1,1-Dichloroethane	ND		ug/Kg	4.9	0.9	0.99	392037	01/08/26	01/08/26	EJB
2-Butanone	ND		ug/Kg	99	4.7	0.99	392037	01/08/26	01/08/26	EJB
cis-1,2-Dichloroethene	ND		ug/Kg	4.9	0.8	0.99	392037	01/08/26	01/08/26	EJB
2,2-Dichloropropane	ND		ug/Kg	4.9	0.9	0.99	392037	01/08/26	01/08/26	EJB
Chloroform	ND		ug/Kg	4.9	0.8	0.99	392037	01/08/26	01/08/26	EJB
Bromochloromethane	ND		ug/Kg	4.9	0.7	0.99	392037	01/08/26	01/08/26	EJB
1,1,1-Trichloroethane	ND		ug/Kg	4.9	0.8	0.99	392037	01/08/26	01/08/26	EJB
1,1-Dichloropropene	ND		ug/Kg	4.9	0.7	0.99	392037	01/08/26	01/08/26	EJB
Carbon Tetrachloride	ND		ug/Kg	4.9	0.9	0.99	392037	01/08/26	01/08/26	EJB
1,2-Dichloroethane	ND		ug/Kg	4.9	0.9	0.99	392037	01/08/26	01/08/26	EJB
Benzene	ND		ug/Kg	4.9	0.8	0.99	392037	01/08/26	01/08/26	EJB
Trichloroethene	ND		ug/Kg	4.9	1.2	0.99	392037	01/08/26	01/08/26	EJB
1,2-Dichloropropane	ND		ug/Kg	4.9	0.8	0.99	392037	01/08/26	01/08/26	EJB
Bromodichloromethane	ND		ug/Kg	4.9	0.7	0.99	392037	01/08/26	01/08/26	EJB
Dibromomethane	ND		ug/Kg	4.9	0.7	0.99	392037	01/08/26	01/08/26	EJB
4-Methyl-2-Pentanone	ND		ug/Kg	4.9	1.2	0.99	392037	01/08/26	01/08/26	EJB
cis-1,3-Dichloropropene	ND		ug/Kg	4.9	0.6	0.99	392037	01/08/26	01/08/26	EJB
Toluene	ND		ug/Kg	4.9	0.7	0.99	392037	01/08/26	01/08/26	EJB
trans-1,3-Dichloropropene	ND		ug/Kg	4.9	0.7	0.99	392037	01/08/26	01/08/26	EJB
1,1,2-Trichloroethane	ND		ug/Kg	4.9	0.8	0.99	392037	01/08/26	01/08/26	EJB
1,3-Dichloropropane	ND		ug/Kg	4.9	0.7	0.99	392037	01/08/26	01/08/26	EJB
Tetrachloroethene	0.9	J,b	ug/Kg	4.9	0.5	0.99	392037	01/08/26	01/08/26	EJB
Dibromochloromethane	ND		ug/Kg	4.9	0.7	0.99	392037	01/08/26	01/08/26	EJB
1,2-Dibromoethane	ND		ug/Kg	4.9	0.7	0.99	392037	01/08/26	01/08/26	EJB
Chlorobenzene	ND		ug/Kg	4.9	0.7	0.99	392037	01/08/26	01/08/26	EJB
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.9	0.7	0.99	392037	01/08/26	01/08/26	EJB
Ethylbenzene	ND		ug/Kg	4.9	0.8	0.99	392037	01/08/26	01/08/26	EJB
m,p-Xylenes	ND		ug/Kg	9.9	0.6	0.99	392037	01/08/26	01/08/26	EJB
o-Xylene	ND		ug/Kg	4.9	0.7	0.99	392037	01/08/26	01/08/26	EJB
Styrene	ND		ug/Kg	4.9	0.6	0.99	392037	01/08/26	01/08/26	EJB
Bromoform	ND		ug/Kg	4.9	1.0	0.99	392037	01/08/26	01/08/26	EJB
Isopropylbenzene	ND		ug/Kg	4.9	1.0	0.99	392037	01/08/26	01/08/26	EJB
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.9	2.3	0.99	392037	01/08/26	01/08/26	EJB

Analysis Results for 550242

550242-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2,3-Trichloropropane	ND		ug/Kg	4.9	1.3	0.99	392037	01/08/26	01/08/26	EJB
Propylbenzene	ND		ug/Kg	4.9	0.9	0.99	392037	01/08/26	01/08/26	EJB
Bromobenzene	ND		ug/Kg	4.9	0.6	0.99	392037	01/08/26	01/08/26	EJB
1,3,5-Trimethylbenzene	ND		ug/Kg	4.9	0.8	0.99	392037	01/08/26	01/08/26	EJB
2-Chlorotoluene	ND		ug/Kg	4.9	0.8	0.99	392037	01/08/26	01/08/26	EJB
4-Chlorotoluene	ND		ug/Kg	4.9	0.8	0.99	392037	01/08/26	01/08/26	EJB
tert-Butylbenzene	ND		ug/Kg	4.9	1.0	0.99	392037	01/08/26	01/08/26	EJB
1,2,4-Trimethylbenzene	ND		ug/Kg	4.9	0.7	0.99	392037	01/08/26	01/08/26	EJB
sec-Butylbenzene	ND		ug/Kg	4.9	1.0	0.99	392037	01/08/26	01/08/26	EJB
para-Isopropyl Toluene	ND		ug/Kg	4.9	0.9	0.99	392037	01/08/26	01/08/26	EJB
1,3-Dichlorobenzene	ND		ug/Kg	4.9	0.7	0.99	392037	01/08/26	01/08/26	EJB
1,4-Dichlorobenzene	ND		ug/Kg	4.9	0.7	0.99	392037	01/08/26	01/08/26	EJB
n-Butylbenzene	ND		ug/Kg	4.9	0.9	0.99	392037	01/08/26	01/08/26	EJB
1,2-Dichlorobenzene	ND		ug/Kg	4.9	0.7	0.99	392037	01/08/26	01/08/26	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.9	1.4	0.99	392037	01/08/26	01/08/26	EJB
1,2,4-Trichlorobenzene	ND		ug/Kg	4.9	1.0	0.99	392037	01/08/26	01/08/26	EJB
Hexachlorobutadiene	ND		ug/Kg	4.9	1.8	0.99	392037	01/08/26	01/08/26	EJB
Naphthalene	ND		ug/Kg	4.9	1.7	0.99	392037	01/08/26	01/08/26	EJB
1,2,3-Trichlorobenzene	ND		ug/Kg	4.9	1.8	0.99	392037	01/08/26	01/08/26	EJB
Xylene (total)	ND		ug/Kg	4.9		0.99	392037	01/08/26	01/08/26	EJB
Surrogates	Limits									
Dibromofluoromethane	110%		%REC	70-130		0.99	392037	01/08/26	01/08/26	EJB
1,2-Dichloroethane-d4	105%		%REC	70-130		0.99	392037	01/08/26	01/08/26	EJB
Toluene-d8	103%		%REC	70-130		0.99	392037	01/08/26	01/08/26	EJB
Bromofluorobenzene	100%		%REC	70-130		0.99	392037	01/08/26	01/08/26	EJB

Analysis Results for 550242

Sample ID: SES-HEART MED-B SO
Lab ID: 550242-007
Collected: 01/06/26 09:30
Matrix: Soil

550242-007 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
Freon 12	ND		ug/Kg	5.0	1.0	0.99	392037	01/08/26	01/08/26	EJB
Chloromethane	ND		ug/Kg	5.0	1.1	0.99	392037	01/08/26	01/08/26	EJB
Vinyl Chloride	ND		ug/Kg	5.0	1.3	0.99	392037	01/08/26	01/08/26	EJB
Bromomethane	ND		ug/Kg	5.0	0.9	0.99	392037	01/08/26	01/08/26	EJB
Chloroethane	ND		ug/Kg	5.0	1.3	0.99	392037	01/08/26	01/08/26	EJB
Trichlorofluoromethane	ND		ug/Kg	5.0	0.7	0.99	392037	01/08/26	01/08/26	EJB
Acetone	ND		ug/Kg	99	53	0.99	392037	01/08/26	01/08/26	EJB
Freon 113	ND		ug/Kg	5.0	0.9	0.99	392037	01/08/26	01/08/26	EJB
1,1-Dichloroethene	ND		ug/Kg	5.0	1.0	0.99	392037	01/08/26	01/08/26	EJB
Methylene Chloride	ND		ug/Kg	20		0.99	392037	01/08/26	01/08/26	EJB
MTBE	ND		ug/Kg	5.0	0.7	0.99	392037	01/08/26	01/08/26	EJB
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1.1	0.99	392037	01/08/26	01/08/26	EJB
1,1-Dichloroethane	ND		ug/Kg	5.0	0.9	0.99	392037	01/08/26	01/08/26	EJB
2-Butanone	ND		ug/Kg	99	4.7	0.99	392037	01/08/26	01/08/26	EJB
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	0.8	0.99	392037	01/08/26	01/08/26	EJB
2,2-Dichloropropane	ND		ug/Kg	5.0	0.9	0.99	392037	01/08/26	01/08/26	EJB
Chloroform	ND		ug/Kg	5.0	0.8	0.99	392037	01/08/26	01/08/26	EJB
Bromochloromethane	ND		ug/Kg	5.0	0.7	0.99	392037	01/08/26	01/08/26	EJB
1,1,1-Trichloroethane	ND		ug/Kg	5.0	0.8	0.99	392037	01/08/26	01/08/26	EJB
1,1-Dichloropropene	ND		ug/Kg	5.0	0.7	0.99	392037	01/08/26	01/08/26	EJB
Carbon Tetrachloride	ND		ug/Kg	5.0	0.9	0.99	392037	01/08/26	01/08/26	EJB
1,2-Dichloroethane	ND		ug/Kg	5.0	0.9	0.99	392037	01/08/26	01/08/26	EJB
Benzene	ND		ug/Kg	5.0	0.8	0.99	392037	01/08/26	01/08/26	EJB
Trichloroethene	ND		ug/Kg	5.0	1.2	0.99	392037	01/08/26	01/08/26	EJB
1,2-Dichloropropane	ND		ug/Kg	5.0	0.8	0.99	392037	01/08/26	01/08/26	EJB
Bromodichloromethane	ND		ug/Kg	5.0	0.7	0.99	392037	01/08/26	01/08/26	EJB
Dibromomethane	ND		ug/Kg	5.0	0.7	0.99	392037	01/08/26	01/08/26	EJB
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1.2	0.99	392037	01/08/26	01/08/26	EJB
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	0.6	0.99	392037	01/08/26	01/08/26	EJB
Toluene	ND		ug/Kg	5.0	0.7	0.99	392037	01/08/26	01/08/26	EJB
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	0.7	0.99	392037	01/08/26	01/08/26	EJB
1,1,2-Trichloroethane	ND		ug/Kg	5.0	0.8	0.99	392037	01/08/26	01/08/26	EJB
1,3-Dichloropropane	ND		ug/Kg	5.0	0.7	0.99	392037	01/08/26	01/08/26	EJB
Tetrachloroethene	0.7	J,b	ug/Kg	5.0	0.5	0.99	392037	01/08/26	01/08/26	EJB
Dibromochloromethane	ND		ug/Kg	5.0	0.7	0.99	392037	01/08/26	01/08/26	EJB
1,2-Dibromoethane	ND		ug/Kg	5.0	0.7	0.99	392037	01/08/26	01/08/26	EJB
Chlorobenzene	ND		ug/Kg	5.0	0.7	0.99	392037	01/08/26	01/08/26	EJB
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	0.7	0.99	392037	01/08/26	01/08/26	EJB
Ethylbenzene	ND		ug/Kg	5.0	0.8	0.99	392037	01/08/26	01/08/26	EJB
m,p-Xylenes	ND		ug/Kg	9.9	0.6	0.99	392037	01/08/26	01/08/26	EJB
o-Xylene	ND		ug/Kg	5.0	0.7	0.99	392037	01/08/26	01/08/26	EJB
Styrene	ND		ug/Kg	5.0	0.6	0.99	392037	01/08/26	01/08/26	EJB
Bromoform	ND		ug/Kg	5.0	1.0	0.99	392037	01/08/26	01/08/26	EJB
Isopropylbenzene	ND		ug/Kg	5.0	1.0	0.99	392037	01/08/26	01/08/26	EJB
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	2.3	0.99	392037	01/08/26	01/08/26	EJB

Analysis Results for 550242

550242-007 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1.3	0.99	392037	01/08/26	01/08/26	EJB
Propylbenzene	ND		ug/Kg	5.0	0.9	0.99	392037	01/08/26	01/08/26	EJB
Bromobenzene	ND		ug/Kg	5.0	0.6	0.99	392037	01/08/26	01/08/26	EJB
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	0.8	0.99	392037	01/08/26	01/08/26	EJB
2-Chlorotoluene	ND		ug/Kg	5.0	0.9	0.99	392037	01/08/26	01/08/26	EJB
4-Chlorotoluene	ND		ug/Kg	5.0	0.8	0.99	392037	01/08/26	01/08/26	EJB
tert-Butylbenzene	ND		ug/Kg	5.0	1.0	0.99	392037	01/08/26	01/08/26	EJB
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	0.7	0.99	392037	01/08/26	01/08/26	EJB
sec-Butylbenzene	ND		ug/Kg	5.0	1.0	0.99	392037	01/08/26	01/08/26	EJB
para-Isopropyl Toluene	ND		ug/Kg	5.0	0.9	0.99	392037	01/08/26	01/08/26	EJB
1,3-Dichlorobenzene	ND		ug/Kg	5.0	0.7	0.99	392037	01/08/26	01/08/26	EJB
1,4-Dichlorobenzene	ND		ug/Kg	5.0	0.7	0.99	392037	01/08/26	01/08/26	EJB
n-Butylbenzene	ND		ug/Kg	5.0	0.9	0.99	392037	01/08/26	01/08/26	EJB
1,2-Dichlorobenzene	ND		ug/Kg	5.0	0.7	0.99	392037	01/08/26	01/08/26	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1.4	0.99	392037	01/08/26	01/08/26	EJB
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1.1	0.99	392037	01/08/26	01/08/26	EJB
Hexachlorobutadiene	ND		ug/Kg	5.0	1.8	0.99	392037	01/08/26	01/08/26	EJB
Naphthalene	ND		ug/Kg	5.0	1.7	0.99	392037	01/08/26	01/08/26	EJB
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1.8	0.99	392037	01/08/26	01/08/26	EJB
Xylene (total)	ND		ug/Kg	5.0		0.99	392037	01/08/26	01/08/26	EJB
Surrogates	Limits									
Dibromofluoromethane	110%		%REC	70-130		0.99	392037	01/08/26	01/08/26	EJB
1,2-Dichloroethane-d4	104%		%REC	70-130		0.99	392037	01/08/26	01/08/26	EJB
Toluene-d8	106%		%REC	70-130		0.99	392037	01/08/26	01/08/26	EJB
Bromofluorobenzene	101%		%REC	70-130		0.99	392037	01/08/26	01/08/26	EJB

Analysis Results for 550242

Sample ID: SES-HEART HIGH-B SO
Lab ID: 550242-008
Collected: 01/06/26 09:30
Matrix: Soil

550242-008 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
Freon 12	ND		ug/Kg	4.9	1.0	0.98	392037	01/09/26	01/09/26	EJB
Chloromethane	ND		ug/Kg	4.9	1.1	0.98	392037	01/09/26	01/09/26	EJB
Vinyl Chloride	ND		ug/Kg	4.9	1.3	0.98	392037	01/09/26	01/09/26	EJB
Bromomethane	ND		ug/Kg	4.9	0.9	0.98	392037	01/09/26	01/09/26	EJB
Chloroethane	ND		ug/Kg	4.9	1.3	0.98	392037	01/09/26	01/09/26	EJB
Trichlorofluoromethane	ND		ug/Kg	4.9	0.7	0.98	392037	01/09/26	01/09/26	EJB
Acetone	ND		ug/Kg	98	53	0.98	392037	01/09/26	01/09/26	EJB
Freon 113	ND		ug/Kg	4.9	0.9	0.98	392037	01/09/26	01/09/26	EJB
1,1-Dichloroethene	ND		ug/Kg	4.9	1.0	0.98	392037	01/09/26	01/09/26	EJB
Methylene Chloride	ND		ug/Kg	20		0.98	392037	01/09/26	01/09/26	EJB
MTBE	ND		ug/Kg	4.9	0.7	0.98	392037	01/09/26	01/09/26	EJB
trans-1,2-Dichloroethene	ND		ug/Kg	4.9	1.1	0.98	392037	01/09/26	01/09/26	EJB
1,1-Dichloroethane	ND		ug/Kg	4.9	0.9	0.98	392037	01/09/26	01/09/26	EJB
2-Butanone	ND		ug/Kg	98	4.7	0.98	392037	01/09/26	01/09/26	EJB
cis-1,2-Dichloroethene	ND		ug/Kg	4.9	0.8	0.98	392037	01/09/26	01/09/26	EJB
2,2-Dichloropropane	ND		ug/Kg	4.9	0.9	0.98	392037	01/09/26	01/09/26	EJB
Chloroform	ND		ug/Kg	4.9	0.8	0.98	392037	01/09/26	01/09/26	EJB
Bromochloromethane	ND		ug/Kg	4.9	0.7	0.98	392037	01/09/26	01/09/26	EJB
1,1,1-Trichloroethane	ND		ug/Kg	4.9	0.8	0.98	392037	01/09/26	01/09/26	EJB
1,1-Dichloropropene	ND		ug/Kg	4.9	0.7	0.98	392037	01/09/26	01/09/26	EJB
Carbon Tetrachloride	ND		ug/Kg	4.9	0.9	0.98	392037	01/09/26	01/09/26	EJB
1,2-Dichloroethane	ND		ug/Kg	4.9	0.9	0.98	392037	01/09/26	01/09/26	EJB
Benzene	ND		ug/Kg	4.9	0.8	0.98	392037	01/09/26	01/09/26	EJB
Trichloroethene	ND		ug/Kg	4.9	1.2	0.98	392037	01/09/26	01/09/26	EJB
1,2-Dichloropropane	ND		ug/Kg	4.9	0.8	0.98	392037	01/09/26	01/09/26	EJB
Bromodichloromethane	ND		ug/Kg	4.9	0.7	0.98	392037	01/09/26	01/09/26	EJB
Dibromomethane	ND		ug/Kg	4.9	0.7	0.98	392037	01/09/26	01/09/26	EJB
4-Methyl-2-Pentanone	ND		ug/Kg	4.9	1.2	0.98	392037	01/09/26	01/09/26	EJB
cis-1,3-Dichloropropene	ND		ug/Kg	4.9	0.6	0.98	392037	01/09/26	01/09/26	EJB
Toluene	ND		ug/Kg	4.9	0.7	0.98	392037	01/09/26	01/09/26	EJB
trans-1,3-Dichloropropene	ND		ug/Kg	4.9	0.7	0.98	392037	01/09/26	01/09/26	EJB
1,1,2-Trichloroethane	ND		ug/Kg	4.9	0.8	0.98	392037	01/09/26	01/09/26	EJB
1,3-Dichloropropane	ND		ug/Kg	4.9	0.7	0.98	392037	01/09/26	01/09/26	EJB
Tetrachloroethene	0.7	J,b	ug/Kg	4.9	0.5	0.98	392037	01/09/26	01/09/26	EJB
Dibromochloromethane	ND		ug/Kg	4.9	0.7	0.98	392037	01/09/26	01/09/26	EJB
1,2-Dibromoethane	ND		ug/Kg	4.9	0.7	0.98	392037	01/09/26	01/09/26	EJB
Chlorobenzene	ND		ug/Kg	4.9	0.7	0.98	392037	01/09/26	01/09/26	EJB
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.9	0.7	0.98	392037	01/09/26	01/09/26	EJB
Ethylbenzene	ND		ug/Kg	4.9	0.8	0.98	392037	01/09/26	01/09/26	EJB
m,p-Xylenes	ND		ug/Kg	9.8	0.6	0.98	392037	01/09/26	01/09/26	EJB
o-Xylene	ND		ug/Kg	4.9	0.7	0.98	392037	01/09/26	01/09/26	EJB
Styrene	ND		ug/Kg	4.9	0.6	0.98	392037	01/09/26	01/09/26	EJB
Bromoform	ND		ug/Kg	4.9	1.0	0.98	392037	01/09/26	01/09/26	EJB
Isopropylbenzene	ND		ug/Kg	4.9	1.0	0.98	392037	01/09/26	01/09/26	EJB
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.9	2.3	0.98	392037	01/09/26	01/09/26	EJB

Analysis Results for 550242

550242-008 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2,3-Trichloropropane	ND		ug/Kg	4.9	1.3	0.98	392037	01/09/26	01/09/26	EJB
Propylbenzene	ND		ug/Kg	4.9	0.9	0.98	392037	01/09/26	01/09/26	EJB
Bromobenzene	ND		ug/Kg	4.9	0.6	0.98	392037	01/09/26	01/09/26	EJB
1,3,5-Trimethylbenzene	ND		ug/Kg	4.9	0.8	0.98	392037	01/09/26	01/09/26	EJB
2-Chlorotoluene	ND		ug/Kg	4.9	0.8	0.98	392037	01/09/26	01/09/26	EJB
4-Chlorotoluene	ND		ug/Kg	4.9	0.8	0.98	392037	01/09/26	01/09/26	EJB
tert-Butylbenzene	ND		ug/Kg	4.9	1.0	0.98	392037	01/09/26	01/09/26	EJB
1,2,4-Trimethylbenzene	ND		ug/Kg	4.9	0.7	0.98	392037	01/09/26	01/09/26	EJB
sec-Butylbenzene	ND		ug/Kg	4.9	1.0	0.98	392037	01/09/26	01/09/26	EJB
para-Isopropyl Toluene	ND		ug/Kg	4.9	0.9	0.98	392037	01/09/26	01/09/26	EJB
1,3-Dichlorobenzene	ND		ug/Kg	4.9	0.7	0.98	392037	01/09/26	01/09/26	EJB
1,4-Dichlorobenzene	ND		ug/Kg	4.9	0.7	0.98	392037	01/09/26	01/09/26	EJB
n-Butylbenzene	ND		ug/Kg	4.9	0.9	0.98	392037	01/09/26	01/09/26	EJB
1,2-Dichlorobenzene	ND		ug/Kg	4.9	0.7	0.98	392037	01/09/26	01/09/26	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.9	1.4	0.98	392037	01/09/26	01/09/26	EJB
1,2,4-Trichlorobenzene	ND		ug/Kg	4.9	1.0	0.98	392037	01/09/26	01/09/26	EJB
Hexachlorobutadiene	ND		ug/Kg	4.9	1.8	0.98	392037	01/09/26	01/09/26	EJB
Naphthalene	ND		ug/Kg	4.9	1.7	0.98	392037	01/09/26	01/09/26	EJB
1,2,3-Trichlorobenzene	ND		ug/Kg	4.9	1.8	0.98	392037	01/09/26	01/09/26	EJB
Xylene (total)	ND		ug/Kg	4.9		0.98	392037	01/09/26	01/09/26	EJB
Surrogates	Limits									
Dibromofluoromethane	108%		%REC	70-130		0.98	392037	01/09/26	01/09/26	EJB
1,2-Dichloroethane-d4	105%		%REC	70-130		0.98	392037	01/09/26	01/09/26	EJB
Toluene-d8	105%		%REC	70-130		0.98	392037	01/09/26	01/09/26	EJB
Bromofluorobenzene	100%		%REC	70-130		0.98	392037	01/09/26	01/09/26	EJB

J Estimated value
ND Not Detected
b See narrative

Batch QC

Type: Blank	Lab ID: QC1328645	Batch: 391918
Matrix: Filtrate	Method: EPA 6020	Prep Method: 200.8 DirectAnalysis

QC1328645 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chromium	ND		ug/L	5.0	0.58	01/07/26	01/07/26
Manganese	ND		ug/L	10	2.8	01/07/26	01/07/26

Type: Lab Control Sample	Lab ID: QC1328646	Batch: 391918
Matrix: Filtrate	Method: EPA 6020	Prep Method: 200.8 DirectAnalysis

QC1328646 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chromium	110.2	100.0	ug/L	110%		80-120
Manganese	108.1	100.0	ug/L	108%		80-120

Type: Matrix Spike	Lab ID: QC1328647	Batch: 391918
Matrix (Source ID): Filtrate (550242-001)	Method: EPA 6020	Prep Method: 200.8 DirectAnalysis

QC1328647 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chromium	101.8	ND	100.0	ug/L	102%		75-125	1
Manganese	174.6	76.78	100.0	ug/L	98%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1328648	Batch: 391918
Matrix (Source ID): Filtrate (550242-001)	Method: EPA 6020	Prep Method: 200.8 DirectAnalysis

QC1328648 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chromium	101.2	ND	100.0	ug/L	101%		75-125	1	20	1
Manganese	173.5	76.78	100.0	ug/L	97%		75-125	1	20	1

Type: Serial Dilution	Lab ID: QC1328649	Batch: 391918
Matrix (Source ID): Filtrate (550242-001)	Method: EPA 6020	Prep Method: 200.8 DirectAnalysis

QC1328649 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Chromium	ND	ND	ug/L				5
Manganese	74.75	76.78	ug/L				5

Type: Blank	Lab ID: QC1328676	Batch: 391918
Matrix: Filtrate	Method: EPA 6020	Prep Method: 200.8 DirectAnalysis

QC1328676 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chromium	ND		ug/L	5.0	0.61	01/07/26	01/07/26
Manganese	5.2	J	ug/L	10	3.6	01/07/26	01/07/26

Batch QC

Type: Lab Control Sample	Lab ID: QC1328397	Batch: 391836
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1328397 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	59.56	50.00	ug/L	119%		69-128
MTBE	55.39	50.00	ug/L	111%		66-125
Benzene	51.23	50.00	ug/L	102%		76-121
Trichloroethene	53.77	50.00	ug/L	108%		76-124
Toluene	50.58	50.00	ug/L	101%		76-120
Chlorobenzene	54.73	50.00	ug/L	109%		78-120
Surrogates						
Dibromofluoromethane	53.51	50.00	ug/L	107%		70-130
1,2-Dichloroethane-d4	55.14	50.00	ug/L	110%		70-130
Toluene-d8	51.79	50.00	ug/L	104%		70-130
Bromofluorobenzene	49.01	50.00	ug/L	98%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1328398	Batch: 391836
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1328398 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	48.73	50.00	ug/L	97%		69-128	20	23
MTBE	46.37	50.00	ug/L	93%		66-125	18	22
Benzene	43.06	50.00	ug/L	86%		76-121	17	21
Trichloroethene	46.21	50.00	ug/L	92%		76-124	15	22
Toluene	44.16	50.00	ug/L	88%		76-120	14	21
Chlorobenzene	49.11	50.00	ug/L	98%		78-120	11	20
Surrogates								
Dibromofluoromethane	52.72	50.00	ug/L	105%		70-130		
1,2-Dichloroethane-d4	53.67	50.00	ug/L	107%		70-130		
Toluene-d8	50.33	50.00	ug/L	101%		70-130		
Bromofluorobenzene	49.67	50.00	ug/L	99%		70-130		

Batch QC

Type: Blank	Lab ID: QC1328402	Batch: 391836
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1328402 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Freon 12	ND		ug/L	0.5	0.2	01/07/26	01/07/26
Chloromethane	ND		ug/L	0.5	0.09	01/07/26	01/07/26
Vinyl Chloride	ND		ug/L	0.5	0.1	01/07/26	01/07/26
Bromomethane	ND		ug/L	1.0	0.1	01/07/26	01/07/26
Chloroethane	ND		ug/L	0.5	0.1	01/07/26	01/07/26
Trichlorofluoromethane	ND		ug/L	0.5	0.1	01/07/26	01/07/26
Acetone	ND		ug/L	20	14	01/07/26	01/07/26
Freon 113	ND		ug/L	0.5	0.1	01/07/26	01/07/26
1,1-Dichloroethene	ND		ug/L	0.5	0.1	01/07/26	01/07/26
Methylene Chloride	ND		ug/L	10	0.2	01/07/26	01/07/26
MTBE	ND		ug/L	0.5	0.1	01/07/26	01/07/26
trans-1,2-Dichloroethene	ND		ug/L	0.5	0.1	01/07/26	01/07/26
1,1-Dichloroethane	ND		ug/L	0.5	0.09	01/07/26	01/07/26
2-Butanone	ND		ug/L	5.0	1.3	01/07/26	01/07/26
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	01/07/26	01/07/26
2,2-Dichloropropane	ND		ug/L	0.5	0.2	01/07/26	01/07/26
Chloroform	ND		ug/L	0.5	0.08	01/07/26	01/07/26
Bromochloromethane	ND		ug/L	0.5	0.1	01/07/26	01/07/26
1,1,1-Trichloroethane	ND		ug/L	0.5	0.1	01/07/26	01/07/26
1,1-Dichloropropene	ND		ug/L	0.5	0.1	01/07/26	01/07/26
Carbon Tetrachloride	ND		ug/L	0.5	0.1	01/07/26	01/07/26
1,2-Dichloroethane	ND		ug/L	0.5	0.2	01/07/26	01/07/26
Benzene	ND		ug/L	0.5	0.1	01/07/26	01/07/26
Trichloroethene	ND		ug/L	0.5	0.1	01/07/26	01/07/26
1,2-Dichloropropane	ND		ug/L	0.5	0.09	01/07/26	01/07/26
Bromodichloromethane	ND		ug/L	0.5	0.07	01/07/26	01/07/26
Dibromomethane	ND		ug/L	0.5	0.1	01/07/26	01/07/26
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	01/07/26	01/07/26
cis-1,3-Dichloropropene	ND		ug/L	0.5	0.1	01/07/26	01/07/26
Toluene	ND		ug/L	0.5	0.1	01/07/26	01/07/26
trans-1,3-Dichloropropene	ND		ug/L	0.5	0.09	01/07/26	01/07/26
1,1,2-Trichloroethane	ND		ug/L	0.5	0.1	01/07/26	01/07/26
1,3-Dichloropropane	ND		ug/L	0.5	0.07	01/07/26	01/07/26
Tetrachloroethene	ND		ug/L	0.5	0.2	01/07/26	01/07/26
Dibromochloromethane	ND		ug/L	0.5	0.1	01/07/26	01/07/26
1,2-Dibromoethane	ND		ug/L	0.5	0.1	01/07/26	01/07/26
Chlorobenzene	ND		ug/L	0.5	0.1	01/07/26	01/07/26
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	0.07	01/07/26	01/07/26
Ethylbenzene	ND		ug/L	0.5	0.1	01/07/26	01/07/26
m,p-Xylenes	ND		ug/L	1.0	0.2	01/07/26	01/07/26
o-Xylene	ND		ug/L	0.5	0.1	01/07/26	01/07/26
Styrene	ND		ug/L	0.5	0.1	01/07/26	01/07/26
Bromoform	ND		ug/L	1.0	0.06	01/07/26	01/07/26
Propylbenzene	ND		ug/L	0.5	0.1	01/07/26	01/07/26
Isopropylbenzene	ND		ug/L	0.5	0.1	01/07/26	01/07/26
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	0.1	01/07/26	01/07/26
1,2,3-Trichloropropane	ND		ug/L	0.5	0.3	01/07/26	01/07/26

Batch QC

QC1328402 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Bromobenzene	ND		ug/L	1.0	0.1	01/07/26	01/07/26
1,3,5-Trimethylbenzene	ND		ug/L	0.5	0.1	01/07/26	01/07/26
2-Chlorotoluene	ND		ug/L	0.5	0.1	01/07/26	01/07/26
4-Chlorotoluene	ND		ug/L	0.5	0.2	01/07/26	01/07/26
tert-Butylbenzene	ND		ug/L	0.5	0.1	01/07/26	01/07/26
1,2,4-Trimethylbenzene	ND		ug/L	0.5	0.1	01/07/26	01/07/26
sec-Butylbenzene	ND		ug/L	0.5	0.2	01/07/26	01/07/26
para-Isopropyl Toluene	ND		ug/L	0.5	0.2	01/07/26	01/07/26
1,3-Dichlorobenzene	ND		ug/L	0.5	0.1	01/07/26	01/07/26
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	01/07/26	01/07/26
n-Butylbenzene	ND		ug/L	0.5	0.1	01/07/26	01/07/26
1,2-Dichlorobenzene	ND		ug/L	0.5	0.1	01/07/26	01/07/26
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	0.6	01/07/26	01/07/26
1,2,4-Trichlorobenzene	ND		ug/L	0.5	0.3	01/07/26	01/07/26
Hexachlorobutadiene	ND		ug/L	2.0	0.3	01/07/26	01/07/26
Naphthalene	ND		ug/L	2.0	0.6	01/07/26	01/07/26
1,2,3-Trichlorobenzene	ND		ug/L	0.5	0.3	01/07/26	01/07/26
Isopropyl Ether (DIPE)	ND		ug/L	0.5	0.1	01/07/26	01/07/26
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	0.5	0.1	01/07/26	01/07/26
tert-Butyl Alcohol (TBA)	ND		ug/L	10	2.5	01/07/26	01/07/26
Methyl tert-Amyl Ether (TAME)	ND		ug/L	0.5	0.1	01/07/26	01/07/26
Xylene (total)	ND		ug/L	0.5		01/07/26	01/07/26
Surrogates				Limits			
Dibromofluoromethane	108%		%REC	70-130		01/07/26	01/07/26
1,2-Dichloroethane-d4	101%		%REC	70-130		01/07/26	01/07/26
Toluene-d8	102%		%REC	70-130		01/07/26	01/07/26
Bromofluorobenzene	97%		%REC	70-130		01/07/26	01/07/26

Type: Matrix Spike	Lab ID: QC1328475	Batch: 391836
Matrix (Source ID): Water (550172-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1328475 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	115.3	ND	100.0	ug/L	115%		62-131	5
MTBE	101.1	ND	100.0	ug/L	101%		61-124	5
Benzene	266.2	189.0	100.0	ug/L	77%		70-123	5
Trichloroethene	107.8	ND	100.0	ug/L	108%		65-131	5
Toluene	198.8	114.0	100.0	ug/L	85%		69-120	5
Chlorobenzene	108.8	1.609	100.0	ug/L	107%		72-121	5
Surrogates								
Dibromofluoromethane	268.8		250.0	ug/L	108%		70-130	5
1,2-Dichloroethane-d4	256.4		250.0	ug/L	103%		70-130	5
Toluene-d8	254.8		250.0	ug/L	102%		70-130	5
Bromofluorobenzene	247.7		250.0	ug/L	99%		70-130	5

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1328476	Batch: 391836
Matrix (Source ID): Water (550172-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1328476 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	119.3	ND	100.0	ug/L	119%		62-131	3	31	5
MTBE	108.8	ND	100.0	ug/L	109%		61-124	7	30	5
Benzene	287.3	189.0	100.0	ug/L	98%		70-123	8	31	5
Trichloroethene	112.9	ND	100.0	ug/L	113%		65-131	5	31	5
Toluene	210.6	114.0	100.0	ug/L	97%		69-120	6	29	5
Chlorobenzene	113.0	1.609	100.0	ug/L	111%		72-121	4	29	5
Surrogates										
Dibromofluoromethane	268.9		250.0	ug/L	108%		70-130			5
1,2-Dichloroethane-d4	265.4		250.0	ug/L	106%		70-130			5
Toluene-d8	247.2		250.0	ug/L	99%		70-130			5
Bromofluorobenzene	233.5		250.0	ug/L	93%		70-130			5

Type: Lab Control Sample	Lab ID: QC1328745	Batch: 391943
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1328745 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	51.92	50.00	ug/Kg	104%		72-130
MTBE	46.40	50.00	ug/Kg	93%		69-127
Benzene	50.66	50.00	ug/Kg	101%		76-126
Trichloroethene	47.73	50.00	ug/Kg	95%		74-121
Toluene	51.51	50.00	ug/Kg	103%		78-121
Chlorobenzene	50.93	50.00	ug/Kg	102%		80-121
Surrogates						
Dibromofluoromethane	51.60	50.00	ug/Kg	103%		70-130
1,2-Dichloroethane-d4	48.12	50.00	ug/Kg	96%		70-130
Toluene-d8	51.39	50.00	ug/Kg	103%		70-130
Bromofluorobenzene	51.20	50.00	ug/Kg	102%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1328746	Batch: 391943
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1328746 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	51.65	50.00	ug/Kg	103%		72-130	1	26
MTBE	39.17	50.00	ug/Kg	78%		69-127	17	25
Benzene	49.95	50.00	ug/Kg	100%		76-126	1	24
Trichloroethene	47.51	50.00	ug/Kg	95%		74-121	0	26
Toluene	49.60	50.00	ug/Kg	99%		78-121	4	24
Chlorobenzene	49.97	50.00	ug/Kg	100%		80-121	2	23
Surrogates								
Dibromofluoromethane	52.29	50.00	ug/Kg	105%		70-130		
1,2-Dichloroethane-d4	48.48	50.00	ug/Kg	97%		70-130		
Toluene-d8	50.04	50.00	ug/Kg	100%		70-130		
Bromofluorobenzene	50.02	50.00	ug/Kg	100%		70-130		

Batch QC

Type: Blank	Lab ID: QC1328749	Batch: 391943
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1328749 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Freon 12	ND		ug/Kg	5.0	1.8	01/08/26	01/08/26
Chloromethane	ND		ug/Kg	5.0	0.7	01/08/26	01/08/26
Vinyl Chloride	ND		ug/Kg	5.0	1.0	01/08/26	01/08/26
Bromomethane	ND		ug/Kg	5.0	0.7	01/08/26	01/08/26
Chloroethane	ND		ug/Kg	5.0	1.3	01/08/26	01/08/26
Trichlorofluoromethane	ND		ug/Kg	5.0	1.0	01/08/26	01/08/26
Acetone	ND		ug/Kg	100	6.9	01/08/26	01/08/26
Freon 113	ND		ug/Kg	5.0	0.7	01/08/26	01/08/26
1,1-Dichloroethene	ND		ug/Kg	5.0	1.0	01/08/26	01/08/26
Methylene Chloride	ND		ug/Kg	20		01/08/26	01/08/26
MTBE	ND		ug/Kg	5.0	0.8	01/08/26	01/08/26
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	0.7	01/08/26	01/08/26
1,1-Dichloroethane	ND		ug/Kg	5.0	0.7	01/08/26	01/08/26
2-Butanone	ND		ug/Kg	100	2.9	01/08/26	01/08/26
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	0.6	01/08/26	01/08/26
2,2-Dichloropropane	ND		ug/Kg	5.0	1.0	01/08/26	01/08/26
Chloroform	ND		ug/Kg	5.0	0.3	01/08/26	01/08/26
Bromochloromethane	ND		ug/Kg	5.0	0.5	01/08/26	01/08/26
1,1,1-Trichloroethane	ND		ug/Kg	5.0	0.9	01/08/26	01/08/26
1,1-Dichloropropene	ND		ug/Kg	5.0	0.7	01/08/26	01/08/26
Carbon Tetrachloride	ND		ug/Kg	5.0	1.0	01/08/26	01/08/26
1,2-Dichloroethane	ND		ug/Kg	5.0	0.5	01/08/26	01/08/26
Benzene	ND		ug/Kg	5.0	0.5	01/08/26	01/08/26
Trichloroethene	ND		ug/Kg	5.0	0.7	01/08/26	01/08/26
1,2-Dichloropropane	ND		ug/Kg	5.0	0.6	01/08/26	01/08/26
Bromodichloromethane	ND		ug/Kg	5.0	0.7	01/08/26	01/08/26
Dibromomethane	ND		ug/Kg	5.0	0.8	01/08/26	01/08/26
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	0.9	01/08/26	01/08/26
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	0.7	01/08/26	01/08/26
Toluene	ND		ug/Kg	5.0	0.3	01/08/26	01/08/26
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	0.8	01/08/26	01/08/26
1,1,2-Trichloroethane	ND		ug/Kg	5.0	0.6	01/08/26	01/08/26
1,3-Dichloropropane	ND		ug/Kg	5.0	0.3	01/08/26	01/08/26
Tetrachloroethene	ND		ug/Kg	5.0	0.3	01/08/26	01/08/26
Dibromochloromethane	ND		ug/Kg	5.0	1.0	01/08/26	01/08/26
1,2-Dibromoethane	ND		ug/Kg	5.0	0.7	01/08/26	01/08/26
Chlorobenzene	ND		ug/Kg	5.0	0.4	01/08/26	01/08/26
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	0.9	01/08/26	01/08/26
Ethylbenzene	ND		ug/Kg	5.0	0.3	01/08/26	01/08/26
m,p-Xylenes	ND		ug/Kg	10	1.0	01/08/26	01/08/26
o-Xylene	ND		ug/Kg	5.0	0.5	01/08/26	01/08/26
Styrene	ND		ug/Kg	5.0	0.3	01/08/26	01/08/26
Bromoform	ND		ug/Kg	5.0	1.0	01/08/26	01/08/26
Isopropylbenzene	ND		ug/Kg	5.0	0.5	01/08/26	01/08/26
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1.3	01/08/26	01/08/26
1,2,3-Trichloropropane	ND		ug/Kg	5.0	0.7	01/08/26	01/08/26
Propylbenzene	ND		ug/Kg	5.0	0.6	01/08/26	01/08/26

Batch QC

QC1328749 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Bromobenzene	ND		ug/Kg	5.0	0.5	01/08/26	01/08/26
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	0.5	01/08/26	01/08/26
2-Chlorotoluene	ND		ug/Kg	5.0	0.5	01/08/26	01/08/26
4-Chlorotoluene	ND		ug/Kg	5.0	0.5	01/08/26	01/08/26
tert-Butylbenzene	ND		ug/Kg	5.0	0.5	01/08/26	01/08/26
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	0.4	01/08/26	01/08/26
sec-Butylbenzene	ND		ug/Kg	5.0	0.6	01/08/26	01/08/26
para-Isopropyl Toluene	ND		ug/Kg	5.0	0.4	01/08/26	01/08/26
1,3-Dichlorobenzene	ND		ug/Kg	5.0	0.4	01/08/26	01/08/26
1,4-Dichlorobenzene	ND		ug/Kg	5.0	0.4	01/08/26	01/08/26
n-Butylbenzene	ND		ug/Kg	5.0	0.5	01/08/26	01/08/26
1,2-Dichlorobenzene	ND		ug/Kg	5.0	0.4	01/08/26	01/08/26
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1.2	01/08/26	01/08/26
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	0.6	01/08/26	01/08/26
Hexachlorobutadiene	ND		ug/Kg	5.0	0.6	01/08/26	01/08/26
Naphthalene	ND		ug/Kg	5.0	0.8	01/08/26	01/08/26
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	0.6	01/08/26	01/08/26
Xylene (total)	ND		ug/Kg	5.0		01/08/26	01/08/26
Surrogates				Limits			
Dibromofluoromethane	98%		%REC	70-130		01/08/26	01/08/26
1,2-Dichloroethane-d4	96%		%REC	70-130		01/08/26	01/08/26
Toluene-d8	100%		%REC	70-130		01/08/26	01/08/26
Bromofluorobenzene	99%		%REC	70-130		01/08/26	01/08/26

Batch QC

Type: Blank	Lab ID: QC1328750	Batch: 391943
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1328750 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Freon 12	ND		ug/Kg	250	230	01/08/26	01/08/26
Chloromethane	ND		ug/Kg	250	92	01/08/26	01/08/26
Vinyl Chloride	ND		ug/Kg	250	99	01/08/26	01/08/26
Bromomethane	ND		ug/Kg	250	52	01/08/26	01/08/26
Chloroethane	ND		ug/Kg	250	110	01/08/26	01/08/26
Trichlorofluoromethane	ND		ug/Kg	250	100	01/08/26	01/08/26
Acetone	ND		ug/Kg	5,000	1,500	01/08/26	01/08/26
Freon 113	ND		ug/Kg	250	54	01/08/26	01/08/26
1,1-Dichloroethene	ND		ug/Kg	250	81	01/08/26	01/08/26
Methylene Chloride	ND		ug/Kg	1,000		01/08/26	01/08/26
MTBE	ND		ug/Kg	250	21	01/08/26	01/08/26
trans-1,2-Dichloroethene	ND		ug/Kg	250	16	01/08/26	01/08/26
1,1-Dichloroethane	ND		ug/Kg	250	22	01/08/26	01/08/26
2-Butanone	ND		ug/Kg	5,000	140	01/08/26	01/08/26
cis-1,2-Dichloroethene	ND		ug/Kg	250	17	01/08/26	01/08/26
2,2-Dichloropropane	ND		ug/Kg	250	32	01/08/26	01/08/26
Chloroform	ND		ug/Kg	250	29	01/08/26	01/08/26
Bromochloromethane	ND		ug/Kg	250	41	01/08/26	01/08/26
1,1,1-Trichloroethane	ND		ug/Kg	250	18	01/08/26	01/08/26
1,1-Dichloropropene	ND		ug/Kg	250	70	01/08/26	01/08/26
Carbon Tetrachloride	ND		ug/Kg	250	60	01/08/26	01/08/26
1,2-Dichloroethane	ND		ug/Kg	250	25	01/08/26	01/08/26
Benzene	ND		ug/Kg	250	36	01/08/26	01/08/26
Trichloroethene	ND		ug/Kg	250	42	01/08/26	01/08/26
1,2-Dichloropropane	ND		ug/Kg	250	48	01/08/26	01/08/26
Bromodichloromethane	ND		ug/Kg	250	70	01/08/26	01/08/26
Dibromomethane	ND		ug/Kg	250	70	01/08/26	01/08/26
4-Methyl-2-Pentanone	ND		ug/Kg	250	70	01/08/26	01/08/26
cis-1,3-Dichloropropene	ND		ug/Kg	250	84	01/08/26	01/08/26
Toluene	ND		ug/Kg	250	40	01/08/26	01/08/26
trans-1,3-Dichloropropene	ND		ug/Kg	250	84	01/08/26	01/08/26
1,1,2-Trichloroethane	ND		ug/Kg	250	40	01/08/26	01/08/26
1,3-Dichloropropane	ND		ug/Kg	250	30	01/08/26	01/08/26
Tetrachloroethene	ND		ug/Kg	250	42	01/08/26	01/08/26
Dibromochloromethane	ND		ug/Kg	250	76	01/08/26	01/08/26
1,2-Dibromoethane	ND		ug/Kg	250	43	01/08/26	01/08/26
Chlorobenzene	ND		ug/Kg	250	31	01/08/26	01/08/26
1,1,1,2-Tetrachloroethane	ND		ug/Kg	250	67	01/08/26	01/08/26
Ethylbenzene	ND		ug/Kg	250	44	01/08/26	01/08/26
m,p-Xylenes	ND		ug/Kg	500	40	01/08/26	01/08/26
o-Xylene	ND		ug/Kg	250	49	01/08/26	01/08/26
Styrene	ND		ug/Kg	250	69	01/08/26	01/08/26
Bromoform	ND		ug/Kg	250	97	01/08/26	01/08/26
Isopropylbenzene	ND		ug/Kg	250	43	01/08/26	01/08/26
1,1,2,2-Tetrachloroethane	ND		ug/Kg	250	34	01/08/26	01/08/26
1,2,3-Trichloropropane	ND		ug/Kg	250	22	01/08/26	01/08/26
Propylbenzene	ND		ug/Kg	250	36	01/08/26	01/08/26

Batch QC

QC1328750 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Bromobenzene	ND		ug/Kg	250	33	01/08/26	01/08/26
1,3,5-Trimethylbenzene	ND		ug/Kg	250	43	01/08/26	01/08/26
2-Chlorotoluene	ND		ug/Kg	250	40	01/08/26	01/08/26
4-Chlorotoluene	ND		ug/Kg	250	40	01/08/26	01/08/26
tert-Butylbenzene	ND		ug/Kg	250	46	01/08/26	01/08/26
1,2,4-Trimethylbenzene	ND		ug/Kg	250	46	01/08/26	01/08/26
sec-Butylbenzene	ND		ug/Kg	250	38	01/08/26	01/08/26
para-Isopropyl Toluene	ND		ug/Kg	250	50	01/08/26	01/08/26
1,3-Dichlorobenzene	ND		ug/Kg	250	34	01/08/26	01/08/26
1,4-Dichlorobenzene	ND		ug/Kg	250	32	01/08/26	01/08/26
n-Butylbenzene	ND		ug/Kg	250	51	01/08/26	01/08/26
1,2-Dichlorobenzene	ND		ug/Kg	250	36	01/08/26	01/08/26
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	250	79	01/08/26	01/08/26
1,2,4-Trichlorobenzene	ND		ug/Kg	250	59	01/08/26	01/08/26
Hexachlorobutadiene	ND		ug/Kg	250	63	01/08/26	01/08/26
Naphthalene	ND		ug/Kg	250	56	01/08/26	01/08/26
1,2,3-Trichlorobenzene	ND		ug/Kg	250	32	01/08/26	01/08/26
Xylene (total)	ND		ug/Kg	250		01/08/26	01/08/26
Surrogates	Limits						
Dibromofluoromethane	95%		%REC	70-130		01/08/26	01/08/26
1,2-Dichloroethane-d4	96%		%REC	70-130		01/08/26	01/08/26
Toluene-d8	99%		%REC	70-130		01/08/26	01/08/26
Bromofluorobenzene	98%		%REC	70-130		01/08/26	01/08/26

Type: Matrix Spike	Lab ID: QC1328870	Batch: 391943
Matrix (Source ID): Soil (550306-002)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1328870 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	13.83	ND	20.53	ug/Kg	67%		56-129	1
MTBE	10.42	ND	20.53	ug/Kg	51%		47-130	1
Benzene	13.24	ND	20.53	ug/Kg	64%		54-128	1
Trichloroethene	15.24	1.936	20.53	ug/Kg	65%		48-128	1
Toluene	13.19	ND	20.53	ug/Kg	64%		53-123	1
Chlorobenzene	13.51	ND	20.53	ug/Kg	66%		50-125	1
Surrogates								
Dibromofluoromethane	51.21		51.33	ug/Kg	100%		70-130	1
1,2-Dichloroethane-d4	50.19		51.33	ug/Kg	98%		70-130	1
Toluene-d8	50.39		51.33	ug/Kg	98%		70-130	1
Bromofluorobenzene	50.39		51.33	ug/Kg	98%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1328871	Batch: 391943
Matrix (Source ID): Soil (550306-002)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1328871 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	12.10	ND	20.53	ug/Kg	59%		56-129	13	41	1
MTBE	9.514	ND	20.53	ug/Kg	46%	*	47-130	9	44	1
Benzene	12.95	ND	20.53	ug/Kg	63%		54-128	2	45	1
Trichloroethene	15.62	1.936	20.53	ug/Kg	67%		48-128	2	47	1
Toluene	12.46	ND	20.53	ug/Kg	61%		53-123	6	43	1
Chlorobenzene	12.97	ND	20.53	ug/Kg	63%		50-125	4	44	1
Surrogates										
Dibromofluoromethane	52.88		51.33	ug/Kg	103%		70-130			1
1,2-Dichloroethane-d4	51.32		51.33	ug/Kg	100%		70-130			1
Toluene-d8	50.58		51.33	ug/Kg	99%		70-130			1
Bromofluorobenzene	50.44		51.33	ug/Kg	98%		70-130			1

Type: Lab Control Sample	Lab ID: QC1329025	Batch: 392037
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1329025 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	44.46	50.00	ug/Kg	89%		72-130
MTBE	53.31	50.00	ug/Kg	107%		69-127
Benzene	49.32	50.00	ug/Kg	99%		76-126
Trichloroethene	58.56	50.00	ug/Kg	117%		74-121
Toluene	54.00	50.00	ug/Kg	108%		78-121
Chlorobenzene	56.48	50.00	ug/Kg	113%		80-121
Surrogates						
Dibromofluoromethane	54.12	50.00	ug/Kg	108%		70-130
1,2-Dichloroethane-d4	52.95	50.00	ug/Kg	106%		70-130
Toluene-d8	53.94	50.00	ug/Kg	108%		70-130
Bromofluorobenzene	53.32	50.00	ug/Kg	107%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1329026	Batch: 392037
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1329026 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	41.69	50.00	ug/Kg	83%		72-130	6	26
MTBE	48.01	50.00	ug/Kg	96%		69-127	10	25
Benzene	45.42	50.00	ug/Kg	91%		76-126	8	24
Trichloroethene	56.35	50.00	ug/Kg	113%		74-121	4	26
Toluene	50.88	50.00	ug/Kg	102%		78-121	6	24
Chlorobenzene	51.17	50.00	ug/Kg	102%		80-121	10	23
Surrogates								
Dibromofluoromethane	52.83	50.00	ug/Kg	106%		70-130		
1,2-Dichloroethane-d4	50.14	50.00	ug/Kg	100%		70-130		
Toluene-d8	55.73	50.00	ug/Kg	111%		70-130		
Bromofluorobenzene	52.23	50.00	ug/Kg	104%		70-130		

Batch QC

Type: Blank	Lab ID: QC1329033	Batch: 392037
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1329033 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Freon 12	ND		ug/Kg	250	31	01/08/26	01/08/26
Chloromethane	ND		ug/Kg	250	24	01/08/26	01/08/26
Vinyl Chloride	ND		ug/Kg	250	29	01/08/26	01/08/26
Bromomethane	ND		ug/Kg	250	60	01/08/26	01/08/26
Chloroethane	ND		ug/Kg	250	88	01/08/26	01/08/26
Trichlorofluoromethane	ND		ug/Kg	250	24	01/08/26	01/08/26
Acetone	ND		ug/Kg	5,000	200	01/08/26	01/08/26
Freon 113	ND		ug/Kg	250	25	01/08/26	01/08/26
1,1-Dichloroethene	ND		ug/Kg	250	27	01/08/26	01/08/26
Methylene Chloride	ND		ug/Kg	1,000		01/08/26	01/08/26
MTBE	ND		ug/Kg	250	35	01/08/26	01/08/26
trans-1,2-Dichloroethene	ND		ug/Kg	250	19	01/08/26	01/08/26
1,1-Dichloroethane	ND		ug/Kg	250	35	01/08/26	01/08/26
2-Butanone	ND		ug/Kg	5,000	98	01/08/26	01/08/26
cis-1,2-Dichloroethene	ND		ug/Kg	250	26	01/08/26	01/08/26
2,2-Dichloropropane	ND		ug/Kg	250	46	01/08/26	01/08/26
Chloroform	ND		ug/Kg	250	28	01/08/26	01/08/26
Bromochloromethane	ND		ug/Kg	250	26	01/08/26	01/08/26
1,1,1-Trichloroethane	ND		ug/Kg	250	23	01/08/26	01/08/26
1,1-Dichloropropene	ND		ug/Kg	250	14	01/08/26	01/08/26
Carbon Tetrachloride	ND		ug/Kg	250	28	01/08/26	01/08/26
1,2-Dichloroethane	ND		ug/Kg	250	27	01/08/26	01/08/26
Benzene	ND		ug/Kg	250	18	01/08/26	01/08/26
Trichloroethene	ND		ug/Kg	250	23	01/08/26	01/08/26
1,2-Dichloropropane	ND		ug/Kg	250	29	01/08/26	01/08/26
Bromodichloromethane	ND		ug/Kg	250	28	01/08/26	01/08/26
Dibromomethane	ND		ug/Kg	250	24	01/08/26	01/08/26
4-Methyl-2-Pentanone	ND		ug/Kg	250	41	01/08/26	01/08/26
cis-1,3-Dichloropropene	ND		ug/Kg	250	30	01/08/26	01/08/26
Toluene	ND		ug/Kg	250	22	01/08/26	01/08/26
trans-1,3-Dichloropropene	ND		ug/Kg	250	37	01/08/26	01/08/26
1,1,2-Trichloroethane	ND		ug/Kg	250	31	01/08/26	01/08/26
1,3-Dichloropropane	ND		ug/Kg	250	21	01/08/26	01/08/26
Tetrachloroethene	ND		ug/Kg	250	34	01/08/26	01/08/26
Dibromochloromethane	ND		ug/Kg	250	22	01/08/26	01/08/26
1,2-Dibromoethane	ND		ug/Kg	250	16	01/08/26	01/08/26
Chlorobenzene	ND		ug/Kg	250	36	01/08/26	01/08/26
1,1,1,2-Tetrachloroethane	ND		ug/Kg	250	20	01/08/26	01/08/26
Ethylbenzene	ND		ug/Kg	250	41	01/08/26	01/08/26
m,p-Xylenes	ND		ug/Kg	500	37	01/08/26	01/08/26
o-Xylene	ND		ug/Kg	250	39	01/08/26	01/08/26
Styrene	ND		ug/Kg	250	49	01/08/26	01/08/26
Bromoform	ND		ug/Kg	250	14	01/08/26	01/08/26
Isopropylbenzene	ND		ug/Kg	250	54	01/08/26	01/08/26
1,1,2,2-Tetrachloroethane	ND		ug/Kg	250	21	01/08/26	01/08/26
1,2,3-Trichloropropane	ND		ug/Kg	250	43	01/08/26	01/08/26
Propylbenzene	ND		ug/Kg	250	76	01/08/26	01/08/26

Batch QC

QC1329033 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Bromobenzene	ND		ug/Kg	250	36	01/08/26	01/08/26
1,3,5-Trimethylbenzene	ND		ug/Kg	250	68	01/08/26	01/08/26
2-Chlorotoluene	ND		ug/Kg	250	54	01/08/26	01/08/26
4-Chlorotoluene	ND		ug/Kg	250	57	01/08/26	01/08/26
tert-Butylbenzene	ND		ug/Kg	250	72	01/08/26	01/08/26
1,2,4-Trimethylbenzene	ND		ug/Kg	250	67	01/08/26	01/08/26
sec-Butylbenzene	ND		ug/Kg	250	84	01/08/26	01/08/26
para-Isopropyl Toluene	ND		ug/Kg	250	86	01/08/26	01/08/26
1,3-Dichlorobenzene	ND		ug/Kg	250	49	01/08/26	01/08/26
1,4-Dichlorobenzene	ND		ug/Kg	250	56	01/08/26	01/08/26
n-Butylbenzene	ND		ug/Kg	250	98	01/08/26	01/08/26
1,2-Dichlorobenzene	ND		ug/Kg	250	51	01/08/26	01/08/26
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	250	48	01/08/26	01/08/26
1,2,4-Trichlorobenzene	ND		ug/Kg	250	66	01/08/26	01/08/26
Hexachlorobutadiene	ND		ug/Kg	250	170	01/08/26	01/08/26
Naphthalene	ND		ug/Kg	250	85	01/08/26	01/08/26
1,2,3-Trichlorobenzene	ND		ug/Kg	250	78	01/08/26	01/08/26
Xylene (total)	ND		ug/Kg	250		01/08/26	01/08/26
Surrogates				Limits			
Dibromofluoromethane	104%		%REC	70-130		01/08/26	01/08/26
1,2-Dichloroethane-d4	102%		%REC	70-130		01/08/26	01/08/26
Toluene-d8	106%		%REC	70-130		01/08/26	01/08/26
Bromofluorobenzene	102%		%REC	70-130		01/08/26	01/08/26

Batch QC

Type: Blank	Lab ID: QC1329034	Batch: 392037
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1329034 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Freon 12	ND		ug/Kg	5.0	1.0	01/08/26	01/08/26
Chloromethane	ND		ug/Kg	5.0	1.1	01/08/26	01/08/26
Vinyl Chloride	ND		ug/Kg	5.0	1.3	01/08/26	01/08/26
Bromomethane	ND		ug/Kg	5.0	0.9	01/08/26	01/08/26
Chloroethane	ND		ug/Kg	5.0	1.3	01/08/26	01/08/26
Trichlorofluoromethane	ND		ug/Kg	5.0	0.7	01/08/26	01/08/26
Acetone	ND		ug/Kg	100	53	01/08/26	01/08/26
Freon 113	ND		ug/Kg	5.0	0.9	01/08/26	01/08/26
1,1-Dichloroethene	ND		ug/Kg	5.0	1.1	01/08/26	01/08/26
Methylene Chloride	ND		ug/Kg	20		01/08/26	01/08/26
MTBE	ND		ug/Kg	5.0	0.8	01/08/26	01/08/26
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1.1	01/08/26	01/08/26
1,1-Dichloroethane	ND		ug/Kg	5.0	0.9	01/08/26	01/08/26
2-Butanone	ND		ug/Kg	100	4.7	01/08/26	01/08/26
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	0.8	01/08/26	01/08/26
2,2-Dichloropropane	ND		ug/Kg	5.0	0.9	01/08/26	01/08/26
Chloroform	ND		ug/Kg	5.0	0.8	01/08/26	01/08/26
Bromochloromethane	ND		ug/Kg	5.0	0.7	01/08/26	01/08/26
1,1,1-Trichloroethane	ND		ug/Kg	5.0	0.8	01/08/26	01/08/26
1,1-Dichloropropene	ND		ug/Kg	5.0	0.7	01/08/26	01/08/26
Carbon Tetrachloride	ND		ug/Kg	5.0	0.9	01/08/26	01/08/26
1,2-Dichloroethane	ND		ug/Kg	5.0	0.9	01/08/26	01/08/26
Benzene	ND		ug/Kg	5.0	0.8	01/08/26	01/08/26
Trichloroethene	ND		ug/Kg	5.0	1.2	01/08/26	01/08/26
1,2-Dichloropropane	ND		ug/Kg	5.0	0.8	01/08/26	01/08/26
Bromodichloromethane	ND		ug/Kg	5.0	0.7	01/08/26	01/08/26
Dibromomethane	ND		ug/Kg	5.0	0.7	01/08/26	01/08/26
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1.2	01/08/26	01/08/26
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	0.6	01/08/26	01/08/26
Toluene	ND		ug/Kg	5.0	0.7	01/08/26	01/08/26
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	0.7	01/08/26	01/08/26
1,1,2-Trichloroethane	ND		ug/Kg	5.0	0.8	01/08/26	01/08/26
1,3-Dichloropropane	ND		ug/Kg	5.0	0.7	01/08/26	01/08/26
Tetrachloroethene	ND		ug/Kg	5.0	0.6	01/08/26	01/08/26
Dibromochloromethane	ND		ug/Kg	5.0	0.7	01/08/26	01/08/26
1,2-Dibromoethane	ND		ug/Kg	5.0	0.7	01/08/26	01/08/26
Chlorobenzene	ND		ug/Kg	5.0	0.7	01/08/26	01/08/26
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	0.7	01/08/26	01/08/26
Ethylbenzene	ND		ug/Kg	5.0	0.8	01/08/26	01/08/26
m,p-Xylenes	ND		ug/Kg	10	0.6	01/08/26	01/08/26
o-Xylene	ND		ug/Kg	5.0	0.7	01/08/26	01/08/26
Styrene	ND		ug/Kg	5.0	0.6	01/08/26	01/08/26
Bromoform	ND		ug/Kg	5.0	1.0	01/08/26	01/08/26
Isopropylbenzene	ND		ug/Kg	5.0	1.0	01/08/26	01/08/26
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	2.3	01/08/26	01/08/26
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1.3	01/08/26	01/08/26
Propylbenzene	ND		ug/Kg	5.0	1.0	01/08/26	01/08/26

Batch QC

QC1329034 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Bromobenzene	ND		ug/Kg	5.0	0.6	01/08/26	01/08/26
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	0.8	01/08/26	01/08/26
2-Chlorotoluene	ND		ug/Kg	5.0	0.9	01/08/26	01/08/26
4-Chlorotoluene	ND		ug/Kg	5.0	0.8	01/08/26	01/08/26
tert-Butylbenzene	ND		ug/Kg	5.0	1.0	01/08/26	01/08/26
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	0.7	01/08/26	01/08/26
sec-Butylbenzene	ND		ug/Kg	5.0	1.0	01/08/26	01/08/26
para-Isopropyl Toluene	ND		ug/Kg	5.0	0.9	01/08/26	01/08/26
1,3-Dichlorobenzene	ND		ug/Kg	5.0	0.7	01/08/26	01/08/26
1,4-Dichlorobenzene	ND		ug/Kg	5.0	0.7	01/08/26	01/08/26
n-Butylbenzene	ND		ug/Kg	5.0	0.9	01/08/26	01/08/26
1,2-Dichlorobenzene	ND		ug/Kg	5.0	0.7	01/08/26	01/08/26
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1.4	01/08/26	01/08/26
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1.1	01/08/26	01/08/26
Hexachlorobutadiene	ND		ug/Kg	5.0	1.8	01/08/26	01/08/26
Naphthalene	ND		ug/Kg	5.0	1.7	01/08/26	01/08/26
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1.8	01/08/26	01/08/26
Xylene (total)	ND		ug/Kg	5.0		01/08/26	01/08/26
Surrogates				Limits			
Dibromofluoromethane	109%		%REC	70-130		01/08/26	01/08/26
1,2-Dichloroethane-d4	104%		%REC	70-130		01/08/26	01/08/26
Toluene-d8	106%		%REC	70-130		01/08/26	01/08/26
Bromofluorobenzene	100%		%REC	70-130		01/08/26	01/08/26

Type: Matrix Spike	Lab ID: QC1329071	Batch: 392037
Matrix (Source ID): Soil (550242-006)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1329071 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	18.09	ND	20.62	ug/Kg	88%		56-129	1
MTBE	20.39	ND	20.62	ug/Kg	99%		47-130	1
Benzene	20.57	ND	20.62	ug/Kg	100%		54-128	1
Trichloroethene	24.42	ND	20.62	ug/Kg	118%		48-128	1
Toluene	22.06	ND	20.62	ug/Kg	107%		53-123	1
Chlorobenzene	23.63	ND	20.62	ug/Kg	115%		50-125	1
Surrogates								
Dibromofluoromethane	55.38		51.55	ug/Kg	107%		70-130	1
1,2-Dichloroethane-d4	51.56		51.55	ug/Kg	100%		70-130	1
Toluene-d8	54.61		51.55	ug/Kg	106%		70-130	1
Bromofluorobenzene	52.42		51.55	ug/Kg	102%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1329072	Batch: 392037
Matrix (Source ID): Soil (550242-006)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1329072 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	16.04	ND	20.62	ug/Kg	78%		56-129	12	41	1
MTBE	18.88	ND	20.62	ug/Kg	92%		47-130	8	44	1
Benzene	18.57	ND	20.62	ug/Kg	90%		54-128	10	45	1
Trichloroethene	23.16	ND	20.62	ug/Kg	112%		48-128	5	47	1
Toluene	20.94	ND	20.62	ug/Kg	102%		53-123	5	43	1
Chlorobenzene	22.36	ND	20.62	ug/Kg	108%		50-125	6	44	1
Surrogates										
Dibromofluoromethane	54.47		51.55	ug/Kg	106%		70-130			1
1,2-Dichloroethane-d4	51.66		51.55	ug/Kg	100%		70-130			1
Toluene-d8	56.95		51.55	ug/Kg	110%		70-130			1
Bromofluorobenzene	52.55		51.55	ug/Kg	102%		70-130			1

* Value is outside QC limits
J Estimated value
ND Not Detected



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2512055

Report Created for: Prima Environmental

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Project Contact: Cindy Schreier

Project P.O.:

Project: SES-Hearthstone

Project Location:

Project Received: 12/02/2025

Analytical Report reviewed & approved for release on 12/12/2025 by:

Tracy Babjar
Project Manager

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Glossary of Terms & Qualifier Definitions

Client: Prima Environmental

WorkOrder: 2512055

Project: SES-Hearthstone

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit ¹
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL.
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit ²
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

¹ MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

² RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.



Glossary of Terms & Qualifier Definitions

Client: Prima Environmental

WorkOrder: 2512055

Project: SES-Hearthstone

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	"Too Numerous to Count;" greater than 250 colonies observed on the plate.
TPH-Diesel	Sample results for semi-volatile TPH (diesel, kerosene, oil, etc) were calculated using a background subtraction procedure to correct for instrument baseline rise (column bleed) as described in Sec 7.7.2.2 of EPA 8015 B, C.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

Analytical Qualifiers

a14 Reporting limit raised due to the physical nature of the sample.



Analytical Report

Client: Prima Environmental
Date Received: 12/02/2025 9:56
Date Prepared: 12/03/2025
Project: SES-Hearthstone

WorkOrder: 2512055
Extraction Method: E218.6
Analytical Method: E218.6
Unit: µg/L

Hexavalent chromium by IC

Client ID	Lab ID	Matrix	Date Collected	Instrument FileID	Batch ID
SES-Hearth Unt GW	2512055-001A	Water	12/01/2025 13:00	IC6 2512030322_2512	331167

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DE</u>	<u>Date Analyzed</u>
Hexavalent chromium	0.44	0.20	1	12/03/2025 03:22

Analyst(s): CP



Analytical Report

Client: Prima Environmental
Date Received: 12/02/2025 9:56
Date Prepared: 12/05/2025
Project: SES-Hearthstone

WorkOrder: 2512055
Extraction Method: SW3060A
Analytical Method: SW7199
Unit: mg/kg

Hexavalent chromium by Alkaline Digestion and IC Analysis

Client ID	Lab ID	Matrix	Date Collected	Instrument FileID	Batch ID
SES-Hearth Unt SO	2512055-002A	Solid	12/01/2025 09:20	IC2 25121136.CHW	331403

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DE</u>	<u>Date Analyzed</u>
Hexavalent chromium	ND	0.200	1	12/11/2025 15:44

Analyst(s): CP



Analytical Report

Client: Prima Environmental
Date Received: 12/02/2025 9:56
Date Prepared: 12/04/2025
Project: SES-Hearthstone

WorkOrder: 2512055
Extraction Method: SW9060 A
Analytical Method: SW9060 A
Unit: mg/kg

Total Organic Carbon (TOC)

Client ID	Lab ID	Matrix	Date Collected	Instrument FileID	Batch ID
SES-Hearth Unt SO	2512055-002A	Solid	12/01/2025 09:20	WC_CNS F120425-1_251208_	331297

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DE</u>	<u>Date Analyzed</u>
Total Organic Carbon	570	320	1	12/04/2025 17:25

Analyst(s): CBI

Analytical Comments: a14



Quality Control Report

Client: Prima Environmental
Date Prepared: 12/03/2025
Date Analyzed: 12/03/2025
Instrument: IC6
Matrix: Water
Project: SES-Hearthstone

WorkOrder: 2512055
BatchID: 331167
Extraction Method: E218.6
Analytical Method: E218.6
Unit: µg/L
Sample ID: MB/LCS/LCSD-331167
2512055-001AMS/MSD

QC Summary Report for E218.6

Analyte	MB Result	MDL	RL			
Hexavalent chromium	ND	0.0670	0.200	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Hexavalent chromium	1.05	1.04	1	105	104	90-110	1.46	10

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Hexavalent chromium	1	1.42	1.44	1	0.4403	98	100	90-110	0.955	10



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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
<http://www.mcccampbell.com> / E-mail: main@mcccampbell.com

Quality Control Report

Client: Prima Environmental
Date Prepared: 12/05/2025
Date Analyzed: 12/11/2025
Instrument: IC2
Matrix: Soil
Project: SES-Hearthstone

WorkOrder: 2512055
BatchID: 331403
Extraction Method: SW3060A
Analytical Method: SW7199
Unit: mg/kg
Sample ID: MB/LCS/LCSD-331403

QC Summary Report for SW7199 (Hexavalent chromium)

Analyte	MB Result	MDL	RL			
Hexavalent chromium	ND	0.0780	0.200	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Hexavalent chromium	1.77	1.76	2	89	88	80-120	0.566	10



Quality Control Report

Client: Prima Environmental
Date Prepared: 12/04/2025
Date Analyzed: 12/04/2025
Instrument: WC_CNS
Matrix: Soil
Project: SES-Hearthstone

WorkOrder: 2512055
BatchID: 331297
Extraction Method: SW9060 A
Analytical Method: SW9060 A
Unit: mg/kg
Sample ID: MB/LCS/LCSD-331297

QC Summary Report for SW9060 A

Analyte	MB Result	MDL	RL			
Total Organic Carbon	ND	160	200	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Total Organic Carbon	8100	8200	8200	99	100	80-120	0.558	20



Certified Analyte List

Client: Prima Environmental

WorkOrder: 2512055

Project: SES-Hearthstone

Analyte	Cert 1	Cert 2	Cert 3	Cert 4	Cert 5	Analytical Method	Matrix
Hexavalent chromium	☒	☒	☐	☐	☐	E218.6	Water
Hexavalent chromium	☒	☒	☐	☐	☐	SW7199	Soil
Total Organic Carbon	☐	☒	☐	☐	☐	SW9060 A	Soil

Certifications

Cert 1 CA ELAP 1644

Cert 2 ORELAP (NELAP) 4033

The Certified Analyte Report lists the compounds for which MAI is accredited at the time of issuance. Although MAI holds multiple accreditations, methods with extensive compound lists may not be fully accredited due to state agency availability.

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CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 2512055

ClientCode: PEM

☐ WaterTrax

☐ CLIP

☐ EDF

☐ EQuIS

☐ Dry-Weight

☒ Email

☐ HardCopy

☐ ThirdParty

☐ J-flag

☐ Detection Summary

☐ Excel

Report to:

Cindy Schreier
Prima Environmental
5070 Robert J. Mathews Pkwy, Suite 300

El Dorado Hills, CA 95762
916-939-7300 FAX: (916) 363-8829

Email: cschreier@primaenvironmental.com; data

cc/3rd Party:

PO:

Project: SES-Hearthstone

Bill to:

Accounts Payable

Prima Environmental

5070 Robert J. Mathews Pkwy, Suite 30

El Dorado Hills, CA 95762

Requested TAT:

5 days;

Date Received:

12/02/2025

Date Logged:

12/02/2025

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2512055-001	SES-Hearth Unt GW	Water	12/1/2025 13:00	☐	A			A	A							
2512055-002	SES-Hearth Unt SO	Solid	12/1/2025 09:20	☐		A	A	A								

Test Legend:

1	218_6_FF_W
5	PRFILTERING KIT
9	

2	7199_TTLC_LL_S
6	
10	

3	cnsTOC_S
7	
11	

4	PRDisposal Fee
8	
12	

Prepared by: Agustina Venegas

The following SampID: 001A contains testgroup 218.6 Hexavalent Chromium + Filter Kit.

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.



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http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: PRIMA ENVIRONMENTAL

Project: SES-Hearthstone

Work Order: 2512055

Client Contact: Cindy Schreier

QC Level: LEVEL 2

Contact's Email: cschreier@primaenvironmental.com;
data@primaenvironmental.com;

Comments:

Date Logged: 12/2/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☐ Excel ☐ EQUIS ☒ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	SES-Hearth Unt GW	Water	E218.6 (Hexavalent chromium)(Field Filtered) †	1	125mL HDPE w/ NH42SO4+NH4OH	☐	☐	☐	12/1/2025 13:00	5 days	12/9/2025		☐	☐
002A	SES-Hearth Unt SO	Solid	SW9060 A (TOC)	1	2OZ GJ, Unpres	☐	☐	☐	12/1/2025 9:20	5 days	12/10/2025		☐	☐
			SW7199 (Hexavalent chromium, Low-Level)			☐	☐	☐		5 days	12/9/2025		☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U** = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.

TestGroup Definition:

† 218.6 Preserved Container with Syringe and 3 Filters

Cont./Comp. = Containers /Composites

Page 1 of 1

[illegible]



Sample Receipt Checklist

Client Name: Prima Environmental
Project: SES-Hearthstone

Date and Time Received: 12/2/2025 09:56

Date Logged: 12/2/2025

Received by: Agustina Venegas

Logged by: Agustina Venegas

WorkOrder No: 2512055 Matrix: Solid/Water
Carrier: FedEx

Chain of Custody (COC) Information

Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Sample IDs noted by Client on COC?	Yes ☒	No ☐	
Date and Time of collection noted by Client on COC?	Yes ☒	No ☐	
Sampler's name noted on COC?	Yes ☒	No ☐	
COC agrees with Quote?	Yes ☒	No ☐	NA ☐
COC quote NOT expired?	Yes ☐	No ☒	NA ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	NA ☒
Shipping container/cooler in good condition?	Yes ☒	No ☐	
Samples in proper containers/bottles?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☒	No ☐	NA ☐
Samples Received on Ice?	Yes ☒	No ☐	

(Ice Type: WET ICE)

Sample/Temp Blank temperature	Temp: 0.1°C	NA ☐	
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes ☐	No ☐	NA ☒
Sample labels checked for correct preservation?	Yes ☒	No ☐	
pH acceptable upon receipt (Metal: <2)?	Yes ☐	No ☐	NA ☒

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes ☐	No ☐	NA ☒
--	------------------------------	-----------------------------	--

Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes ☐	No ☐	NA ☒
--	------------------------------	-----------------------------	--

Comments:



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Analytical Report

WorkOrder: 2512652

Report Created for: Prima Environmental

5070 Robert J. Mathews Pkwy, Suite 300
El Dorado Hills, CA 95762

Project Contact: Cindy Schreier

Project P.O.:

Project: SES - Hearthstone

Project Location:

Project Received: 12/10/2025

Analytical Report reviewed & approved for release on 12/17/2025 by:

Yen Cao

Yen Cao

Project Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current regulatory standards, where applicable, unless otherwise stated.





Glossary of Terms & Qualifier Definitions

Client: Prima Environmental

WorkOrder: 2512652

Project: SES - Hearthstone

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit ¹
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL.
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit ²
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

¹ MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

² RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.



Glossary of Terms & Qualifier Definitions

Client: Prima Environmental

WorkOrder: 2512652

Project: SES - Hearthstone

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	"Too Numerous to Count;" greater than 250 colonies observed on the plate.
TPH-Diesel	Sample results for semi-volatile TPH (diesel, kerosene, oil, etc) were calculated using a background subtraction procedure to correct for instrument baseline rise (column bleed) as described in Sec 7.7.2.2 of EPA 8015 B, C.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)



Analytical Report

Client: Prima Environmental
Date Received: 12/10/2025 9:47
Date Prepared: 12/11/2025
Project: SES - Hearthstone

WorkOrder: 2512652
Extraction Method: E218.6
Analytical Method: E218.6
Unit: µg/L

Hexavalent chromium by IC

Client ID	Lab ID	Matrix	Date Collected	Instrument FileID	Batch ID
SES- Heart Time 0	2512652-001A	Water	12/09/2025 14:45	IC6 2512112133_2512	331810

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Hexavalent chromium	0.26	0.20	1	12/11/2025 21:33

Analyst(s): CP



Quality Control Report

Client: Prima Environmental
Date Prepared: 12/11/2025
Date Analyzed: 12/11/2025
Instrument: IC6
Matrix: Water
Project: SES - Hearthstone

WorkOrder: 2512652
BatchID: 331810
Extraction Method: E218.6
Analytical Method: E218.6
Unit: µg/L
Sample ID: MB/LCS/LCSD-331810
2512652-001AMS/MSD

QC Summary Report for E218.6

Analyte	MB Result	MDL	RL			
Hexavalent chromium	ND	0.0670	0.200	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Hexavalent chromium	0.958	0.941	1	96	94	90-110	1.77	10

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Hexavalent chromium	1	1.20	1.16	1	0.2620	94	90	90-110	3.76	10



Certified Analyte List

Client: Prima Environmental

WorkOrder: 2512652

Project: SES - Hearthstone

Analyte	Cert 1	Cert 2	Cert 3	Cert 4	Cert 5	Analytical Method	Matrix
Hexavalent chromium	☒	☒	☐	☐	☐	E218.6	Water

Certifications

Cert 1 CA ELAP 1644

Cert 2 ORELAP (NELAP) 4033

The Certified Analyte Report lists the compounds for which MAI is accredited at the time of issuance. Although MAI holds multiple accreditations, methods with extensive compound lists may not be fully accredited due to state agency availability.

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CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 2512652

ClientCode: PEM

☐ WaterTrax
 ☐ CLIP
 ☐ EDF
 ☐ EQuIS
 ☐ Dry-Weight
 ☒ Email
 ☐ HardCopy
 ☐ ThirdParty
 ☐ J-flag
 ☐ Detection Summary
 ☐ Excel

Report to:

Cindy Schreier
Prima Environmental
5070 Robert J. Mathews Pkwy, Suite 300
El Dorado Hills, CA 95762
916-939-7300 FAX: (916) 363-8829

Email: cschreier@primaenvironmental.com; data
cc/3rd Party:
PO:
Project: SES - Hearthstone

Bill to:

Accounts Payable
Prima Environmental
5070 Robert J. Mathews Pkwy, Suite 30
El Dorado Hills, CA 95762

Requested TAT:

5 days;

Date Received: **12/10/2025**

Date Logged: **12/10/2025**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2512652-001	SES- Heart Time 0	Water	12/9/2025 14:45	☐	A	A	A									

Test Legend:

1	218_6_FF_W	2	PRDisposal Fee	3	PRFILTERING KIT	4	
5		6		7		8	
9		10		11		12	

Project Manager: Tracy Babjar

Prepared by: Chyna Thomas

The following SampID: 001A contains testgroup 218.6 Hexavalent Chromium + Filter Kit.

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.



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"When Quality Counts"

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: PRIMA ENVIRONMENTAL

Project: SES - Hearthstone

Work Order: 2512652

Client Contact: Cindy Schreier

QC Level: LEVEL 2

Contact's Email: cschreier@primaenvironmental.com;
data@primaenvironmental.com;

Comments:

Date Logged: 12/10/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☐ Excel ☐ EQUIS ☒ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	SES- Heart Time 0	Water	E218.6 (Hexavalent chromium)(Field Filtered) †	1	125mL HDPE w/ NH42SO4+NH4OH	☐	☐	☐	12/9/2025 14:45	5 days	12/17/2025	None	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U** = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.

TestGroup Definition:

† 218.6 Preserved Container with Syringe and 3 Filters



McCAMPBELL ANALYTICAL, INC.

1534 Willow Pass Rd. Pittsburg, Ca. 94565-1701

www.mccampbell.com

main@mccampbell.com

CHAIN OF CUSTODY RECORD

Turn Around Time: 1 Day Rush		2 Day Rush		3 Day Rush		STD ●		Quote # 243589	
J-Flag / MDL		ESL		Cleanup Approved		Dry Weight		Bottle Order #	
Delivery Format: PDF		GeoTracker EDF		EDD		CLIP EDT (DW)		Detect Summary	

Report To: Cindy Schreier

Bill To: Cindy Schreier

Company: Prima Environmental

Email: data@primaenvironmental.com

Alt Email:

Tele: (916) 939-7300

Project Name: SES - Hearthstone

Project #:

Project Location:

PO #

Sampler Signature:

Analysis Requested

[illegible]

MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate \$250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

* If metals are requested for water samples and the water type (Matrix) is not specified on the chain of custody, MAI will default to metals by E200.8.

Please provide an adequate volume of sample. If the volume is not sufficient for a MS/MSD a LCS/LCSD will be prepared in its place and noted in the report.

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
Marshall Dickinson PRIYA FedEx	12/09/25	@1500	FedEx 	12/10/25	0947

Comments / Instructions

Cr(VI) field filtered

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SW=Seawater, S=Soil, SL=Sludge, A=Air, WP=Wipe, O=Other

Preservative Code: 1=4°C 2=HCl 3=H₂SO₄ 4=HNO₃ 5=NaOH 6=ZnOAc/NaOH 7=None

Temp 1.7 °C Initials W

Wet 124c

Page 1 of 1

FEDEX:886907973853



Sample Receipt Checklist

Client Name: Prima Environmental
Project: SES - Hearthstone

Date and Time Received: 12/10/2025 09:47

Date Logged: 12/10/2025

Received by: Chyna Thomas

Logged by: Chyna Thomas

WorkOrder No: 2512652 Matrix: Water
Carrier: FedEx

Chain of Custody (COC) Information

Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Sample IDs noted by Client on COC?	Yes ☒	No ☐	
Date and Time of collection noted by Client on COC?	Yes ☒	No ☐	
Sampler's name noted on COC?	Yes ☐	No ☒	
COC agrees with Quote?	Yes ☐	No ☒	NA ☐
COC quote NOT expired?	Yes ☐	No ☒	NA ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☒	No ☐	NA ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	NA ☒
Shipping container/cooler in good condition?	Yes ☒	No ☐	
Samples in proper containers/bottles?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☒	No ☐	NA ☐
Samples Received on Ice?	Yes ☒	No ☐	

(Ice Type: WET ICE)

Sample/Temp Blank temperature		Temp: 1.7°C	NA ☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes ☐	No ☐	NA ☒
Sample labels checked for correct preservation?	Yes ☒	No ☐	
pH acceptable upon receipt (Metal: <2)?	Yes ☐	No ☐	NA ☒

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes ☐	No ☐	NA ☒
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Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes ☐	No ☐	NA ☒
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Comments: