



SoundEarth Strategies, Inc.
2320 West Commodore Way, Suite 110
Seattle, Washington 98199

February 4, 2026

Sunny Becker
Washington State Department of Ecology – Northwest Regional Office
P.O. Box 330316
Shoreline, Washington 98133

SUBJECT: 2025 PROGRESS REPORT
Plastic Sales and Service Site
6870 Woodlawn Avenue Northeast, Seattle, Washington
Ecology Project Number: AODE7084
SoundEarth Project Number: 0651-002

Dear Ms. Sunny Becker:

SoundEarth Strategies, Inc. (SoundEarth) has prepared this progress report to summarize activities completed in 2025 at the Plastic Sales and Service Site (the Site), Cleanup Site ID: 2074. Under the Agreed Order No. DE 7084 dated September 14, 2009, the Site is defined as the extent of hazardous substances at 6870 Woodlawn Avenue Northeast in Seattle, Washington (the 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:

- The Dry Cleaner Building property
- The property adjoining the Dry Cleaner Building property to the north, located at 6869 Woodlawn Avenue Northeast
- The property adjoining the Dry Cleaner Building property to the south, located at 6565 4th Avenue Northeast
- The property adjoining the Dry Cleaner Building 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)

The current extent of chlorinated volatile organic (CVOCs) in the groundwater at the Site is shown on Figure 1.

The work summarized below was conducted under a Consent Decree established between the Washington State Department of Ecology (Ecology) and The Lutheran Retirement Home of Greater Seattle (d/b/a The Hearthstone Retirement Living): Consent Decree Re: Plastic Sales Site, No. 16-2-13117-4, filed June 2, 2016.

GROUNDWATER MONITORING SECOND AND FOURTH QUARTER 2025

The following sections summarize groundwater monitoring activities completed at the Site during the second and fourth quarters of 2025.

Comprehensive Semiannual Groundwater Monitoring and Sampling

The 2025 second and fourth quarter groundwater monitoring and sampling events at the Site occurred in April and October 2025, respectively. During both groundwater monitoring and sampling events, each well was opened and allowed to equilibrate with atmospheric pressure for a minimum of 30 minutes before measuring groundwater depth. The groundwater level at each well was measured relative to the top of well casing to an accuracy of 0.01 feet using an electronic water level meter before collecting groundwater samples. Groundwater elevations are presented in Table 1.

Groundwater samples were collected from the following monitoring wells:

- **Shallow Water-Bearing Zone:** MW03, MW05, MW06, MW15, MW19, MW21, MW24, MW27, MW28, MW30, , and injection wells IW08, IW16, IW21, IW31, IW33, IW55, IW57, IW59, and IW61
- **Intermediate Deep Water-Bearing Zone:** MW32, MW34, and MW36
- **Deep Water-Bearing Zone:** MW09 through MW11, MW13, MW29, MW31, MW33, MW35, and MW37 and injection wells IW07, IW15, IW22, IW32, IW34, and IW60

Groundwater sampling was performed in accordance with the US Environmental Protection Agency (EPA) *Low-Flow (Minimal Drawdown) Ground-Water Sampling Procedures* dated April 1996 (Puls and Barcelona 1996). Purging and sampling of the monitoring wells were performed using a peristaltic pump and dedicated polyethylene tubing at a flow rate of 100 milliliters per minute. Based on the depth-to-groundwater measurements collected by SoundEarth, groundwater levels were below the top of well screens in all three monitoring wells. The tubing intake was placed at approximately 2 to 3 feet below the static groundwater level in the monitoring wells. During purging, water quality was monitored using a multi-parameter water quality meter equipped with a flow-through cell. The water quality parameters monitored and recorded during well purging included temperature, pH, specific conductivity, dissolved oxygen, turbidity, and oxidation-reduction potential. Each well was purged until all six water quality parameters or the minimum subset of pH, specific conductance, and turbidity or dissolved oxygen stabilized. Following purging of low-flow sample wells, groundwater samples were collected from the pump outlet tubing located upstream of the flow-through cell and placed directly into clean, laboratory-prepared sample containers. Each sample container was labeled with a unique sample identification number, placed on ice in a cooler, and transported to OnSite Environmental Inc. of Redmond, Washington, (OnSite), under standard chain-of-custody protocols for laboratory analysis.

Select groundwater monitoring wells were sampled using a passive diffusion sampler (PDS; IW07, IW08, IW15, IW16, IW21, IW22, IW31, IW32, IW33, IW34, IW55, IW57, IW59, IW60, and IW61). Passive samples were collected by suspending a 350 mL Equilibrator PDS prefilled with ASTM Type 1 deionized water at a fixed depth in each well. Samplers were placed at depths either approximately 2 to 3 feet below the static groundwater level or in the center of the well screened interval if the static groundwater level was above the top of the screened interval. The PDBs were left submerged in the wells for 2 weeks. Water was extracted from the PDBs through a polypropylene discharge straw inserted through the side of the membrane. Water was allowed to flow through the straw into a purge bucket for 1 to 2 seconds prior to

allowing the water to flow directly into clean, laboratory-prepared sample containers. Each sample container was labeled with a unique sample identification number, placed on ice in a cooler, and transported to OnSite under standard chain-of-custody protocols for laboratory analysis.

Purge water generated during the monitoring events was placed in an appropriately labeled 55-gallon steel drum and temporarily stored on the Property pending receipt of analytical data and proper disposal.

Laboratory Analysis

Groundwater samples were submitted and analyzed for one or more of the following analytes:

- CVOCs by EPA Method 8260D
- Total organic carbon by Method SM 5310B
- Nitrate (as Nitrogen) by EPA Method 353.2
- Sulfate by Method ASTM D516-11
- Chloride by Method SM 4500-Cl E
- Total iron and manganese by EPA Method 6010D
- Ferrous iron by EPA Method SM 3500-Fe B
- Methane, ethene, and ethane by Method RSK-175
- Volatile fatty acids by Ion Chromatography with Electrical Conductivity Detection

Ferric iron was calculated and equals total iron minus ferrous iron.

Current and past analytical results for CVOCs, natural attenuation parameters, geochemical parameters, and volatile fatty acids of the groundwater samples are summarized in Tables 2 through 5. All groundwater sampling data, including results of natural attenuation parameters, will be uploaded to and available from Ecology's Environmental Information Management system database.

DATA AND DESCRIPTIONS OF SAMPLES COLLECTED

Groundwater levels and analytical results from the groundwater monitoring events are summarized below and presented in Tables 1 through 5. Groundwater elevation contour maps and groundwater monitoring wells containing CVOCs at concentrations exceeding the applicable Washington State Model Toxics Control Act (MTCA) cleanup levels for the second and fourth quarter 2025 groundwater monitoring events are presented on Figures 2 through 5. Groundwater sample laboratory analytical reports are included in Attachment A.

Shallow Water-Bearing Zone

Based on groundwater elevations measured at monitoring or injection wells screened in the shallow water-bearing zone during both the second and fourth quarters of 2025, groundwater flows in a radial pattern toward the Property at the Woodlawn Ave ROW, in the 4th Avenue ROW south of the intersection of the Woodlawn and 4th Avenue ROWs, and from the alley that bisects the Property. The radial pattern results from the permanent sub-slab drainage system installed in the footprint of the Property development. North of the intersection of the Woodlawn and 4th Avenue ROWs, the shallow groundwater

flow direction is to the northeast. The groundwater gradient in the shallow water-bearing zone ranged from 0.0001 to 0.137 feet per foot during the second quarter of 2025 and 0.0002 to 0.073 feet per foot during the fourth quarter of 2025. The groundwater flow direction and gradient in the shallow water-bearing zone are similar to what has been observed in previous groundwater monitoring events. The 2025 second and fourth quarter groundwater elevation contour maps for the shallow water-bearing zone and the analytical results of groundwater samples collected that contain CVOCs at concentrations exceeding applicable MTCA cleanup levels for groundwater are shown on Figures 2 and 4.

Deep Water-Bearing Zone

Based on groundwater elevations measured at monitoring or injection wells screened in the deep water-bearing zone during both the second and fourth quarters of 2025, groundwater flows to the northeast. The groundwater gradient in the deep water-bearing zone ranged from 0.0003 to 0.044 feet per foot during the second quarter of 2025 and 0.0002 to 0.042 feet per foot during the fourth quarter of 2025. The groundwater flow direction and gradient in the deep water-bearing zone are similar to what has been observed in previous groundwater monitoring events. The 2025 second and fourth quarter groundwater elevation contour maps for the deep water-bearing zone and the analytical results of groundwater samples collected that contain CVOCs at concentrations exceeding applicable MTCA cleanup levels for groundwater are shown on Figures 3 and 5.

TREND ANALYSIS OF GROUNDWATER ANALYTICAL RESULTS

SoundEarth performed trend analyses for monitoring or injection wells where CVOCs were detected at concentrations exceeding MTCA cleanup levels in the second and/or fourth quarter of 2025 and for which at least four groundwater sampling events have been performed. A trend analysis was not performed if the CVOc concentration was not reported above the laboratory reporting limit and was not detected above the applicable MTCA cleanup levels in the fourth quarter of 2025. The trend analyses were performed using the analytical results from 2018 to present. If the first sampling event occurred after 2018, that sampling event was used to perform the trend analysis.

The trend in CVOc concentrations at each monitoring well (i.e., increasing, decreasing, stable, or undetermined) was analyzed using the Mann-Kendall non-parametric trend analysis method as presented in the EPA *Technical Protocol for Evaluating Natural Attenuation of Chlorinated Solvents in Ground Water* (Wiedemeier et al. 1998). The trend analysis was performed using EPA Statistical Software for Environmental Applications for Data Sets with and without Nondetect Observations updated June 2022 (ProUCL version 5.2.00); CVOc results reported as non-detect were entered at half the laboratory reporting limit to perform the trend analyses. The output from the Mann-Kendall trend analysis is provided in Attachment B. The trend analyses were performed using a statistical confidence level of 85 percent in accordance with Ecology guidance (Ecology 2005).

A comparison of the 2024 and 2025 statistical trend analyses for the shallow and deep water-bearing zone indicates the concentrations of CVOcs in both plumes are generally declining with time. A summary of the trend analyses for the injection and monitoring wells for the fourth quarter of 2025 is presented in Table 6. A summary of the trend analyses from the fourth quarter of 2024 are presented in Table 6 of the 2024 Progress Report for the Plastics Sales and Services Site (SoundEarth 2025c).

VAPOR INTRUSION ASSESSMENT FOURTH QUARTER 2025

SoundEarth conducted a vapor intrusion assessment at the Janke Property building during the fourth quarter of 2025. The purpose of the vapor intrusion assessment was to evaluate whether the known elevated CVOC concentrations present in groundwater adjacent to the Janke Property building are resulting in elevated CVOC concentrations in the indoor air inside the building. The assessment consisted of collecting five indoor air samples, one outdoor ambient air sample, and two sub-slab soil gas samples from the Janke Property building. The following sections summarize the vapor intrusion assessment activities completed at the Site during the fourth quarter of 2025.

Building Survey

Prior to collecting air quality samples, SoundEarth completed a building survey of the Janke Property building to evaluate the potential presence of CVOC sources or materials that may contribute to background indoor air contamination. Identified potential CVOC sources or other materials that were identified during the building survey were removed from the building at least 48 hours before sample collection to the extent feasible to minimize the risk of interference during sampling activities.

Indoor Air, Ambient Air, and Sub-Slab Soil Gas Sampling

On December 16, 2025, SoundEarth collected five indoor air samples (IA01, IA02, IA03, IA04, and IA05), one outdoor ambient air sample (OA01), and two sub-slab soil gas samples (SS01 and SS02) at the Janke Property building. Indoor air, outdoor ambient air, and sub-slab soil gas samples were collected using the procedures and methodologies described in SoundEarth's *Vapor Intrusion Assessment Sampling and Analysis Plan, Plastic Sales and Service Site, 6870 Woodlawn Avenue Northeast, Seattle, Washington*, dated August 15, 2023 (SoundEarth 2023). Indoor air, outdoor ambient air, and sub-slab soil gas samples were submitted to Friedman and Bruya, Inc. of Seattle, Washington, (F&B) for analysis of CVOCs by EPA Method TO-15. Sub-slab soil gas samples were also submitted to F&B for analysis of helium by Method ASTM D1946. Sample locations are shown on Figures 6 and 7. Indoor air, outdoor ambient air, and sub-slab soil gas sample results are presented in Tables 7 and 8.

Based on the results of the vapor intrusion assessment, PCE, TCE, cis-1,2-DCE, trans-1,2-DCE, and VC were not detected at concentrations above laboratory reporting limits in any of the analyzed indoor air, ambient outdoor air, or sub-slab soil gas samples. Helium was not detected at concentrations above laboratory reporting limits in sub-slab soil gas samples. The vapor intrusion assessment activities and results are summarized in SoundEarth's email report, *2024 Janke Building Vapor Intrusion Assessment Results*, that was sent to Ecology on January 6, 2025 (SoundEarth 2025a).

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 the 2025 progress report for this project. Please contact the undersigned at 206-306-1900 with any questions or comments.

Respectfully,

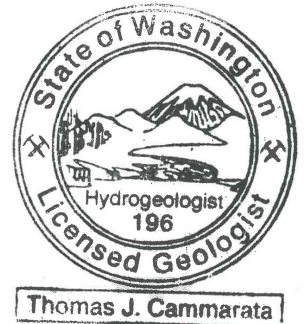
SoundEarth Strategies, Inc.



Linnea Coleman, GIT
Staff Geologist



Thomas Cammarata, LG, LHG
Principal Geochemist



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). 2023. *Vapor Intrusion Assessment Sampling and Analysis Plan, Plastic Sales and Service Site, 6870 Woodlawn Avenue Northeast, Seattle, Washington*. Prepared for Washington State Department of Ecology. August 15.
- _____. 2024. *Groundwater Pilot Test Work Plan Addendum, Plastic Sales and Service Site, 6870 Woodlawn Avenue Northeast, Seattle, Washington*. Prepared for Washington State Department of Ecology. January 30.
- _____. 2025a. Email regarding December 2024 Janke Building Vapor Intrusion Assessment Results. From Clare Tochilin. To Sunny Becker, Washington State Department of Ecology. January 6.
- _____. 2025b. Regulatory draft technical memorandum regarding *Analysis of ZVI and EDS-ER Pilot Test Results – Plastic Sales and Services Site*. To Sunny Becker, Washington State Department of Ecology. From Thomas Cammarata. January 16.
- _____. 2025c. *2024 Progress Report Plastic Sales and Services Site 6870 Woodlawn Avenue Northeast, Seattle, Washington*. Prepared for the Washington State Department of Ecology. February 13, 2025.
- Washington State Department of Ecology (Ecology). 2005. *Guidance on Remediation of Petroleum-Contaminated Ground Water by Natural Attenuation*. Publication No. 05-09-091. July.

Wiedemeier, T.H., M.A. Swanson, D.E. Moutoux, E.K. Gordon, J.T. Wilson, B.H. Wilson, D.H. Kampbell, P.E. Haas, R.N. Miller, J.E. Hansen, and F.H. Chapelle (Wiedemeier et al.). 1998. *Technical Protocol for Evaluating Natural Attenuation of Chlorinated Solvents in Ground Water*. US Environmental Protection Agency Publication No. EPA/600/R-90/128. Revised August 2008.

Attachments:

- Figure 1, Site Boundary Map
- Figure 2, Q2 2025 CVOCs in Groundwater and Groundwater Contour Map for the Shallow Water-Bearing Zone
- Figure 3, Q2 2025 CVOCs in Groundwater and Groundwater Contour Map for the Deep Water-Bearing Zone
- Figure 4, Q4 2025 CVOCs in Groundwater and Groundwater Contour Map for the Shallow Water-Bearing Zone
- Figure 5, Q4 2025 CVOCs in Groundwater and Groundwater Contour Map for the Deep Water-Bearing Zone
- Figure 6, Sub-Slab Soil Gas Analytical Results – 2025 Janke Building Vapor Intrusion Assessment
- Figure 7, Indoor Air Analytical Results – 2025 Janke Building Vapor Intrusion Assessment
- Table 1, Summary of Groundwater Elevation Data
- Table 2, Groundwater Analytical Results for CVOCs
- Table 3, Natural Attenuation Parameters
- Table 4, Geochemical and Water Quality Parameters
- Table 5, Groundwater Analytical Results for Volatile Fatty Acids
- Table 6, Mann-Kendall Non-Parametric Trend Results for Fourth Quarter 2025
- Table 7, Summary of Indoor Air Analytical Results
- Table 8, Summary of Sub-Slab Soil Gas Analytical Results
- Attachment A, Laboratory Analytical Reports
 - Second Quarter 2025 Groundwater
 - OnSite Environmental Inc. #2504-353*
 - OnSite Environmental Inc. #2504-354*
 - OnSite Environmental Inc. #2504-378*
 - OnSite Environmental Inc. #2504-379*
 - OnSite Environmental Inc. #2504-397*
 - Fourth Quarter 2025 Groundwater
 - OnSite Environmental Inc. #2504-114*
 - OnSite Environmental Inc. #2504-115*
 - OnSite Environmental Inc. #2504-137*
 - OnSite Environmental Inc. #2504-161*
 - OnSite Environmental Inc. #2504-116*
 - Vapor Intrusion Assessment
 - Friedman & Bruya, Inc. #512345*
 - Friedman & Bruya, Inc. #512346*
- Attachment B, Mann-Kendall Non-Parametric Trend Results

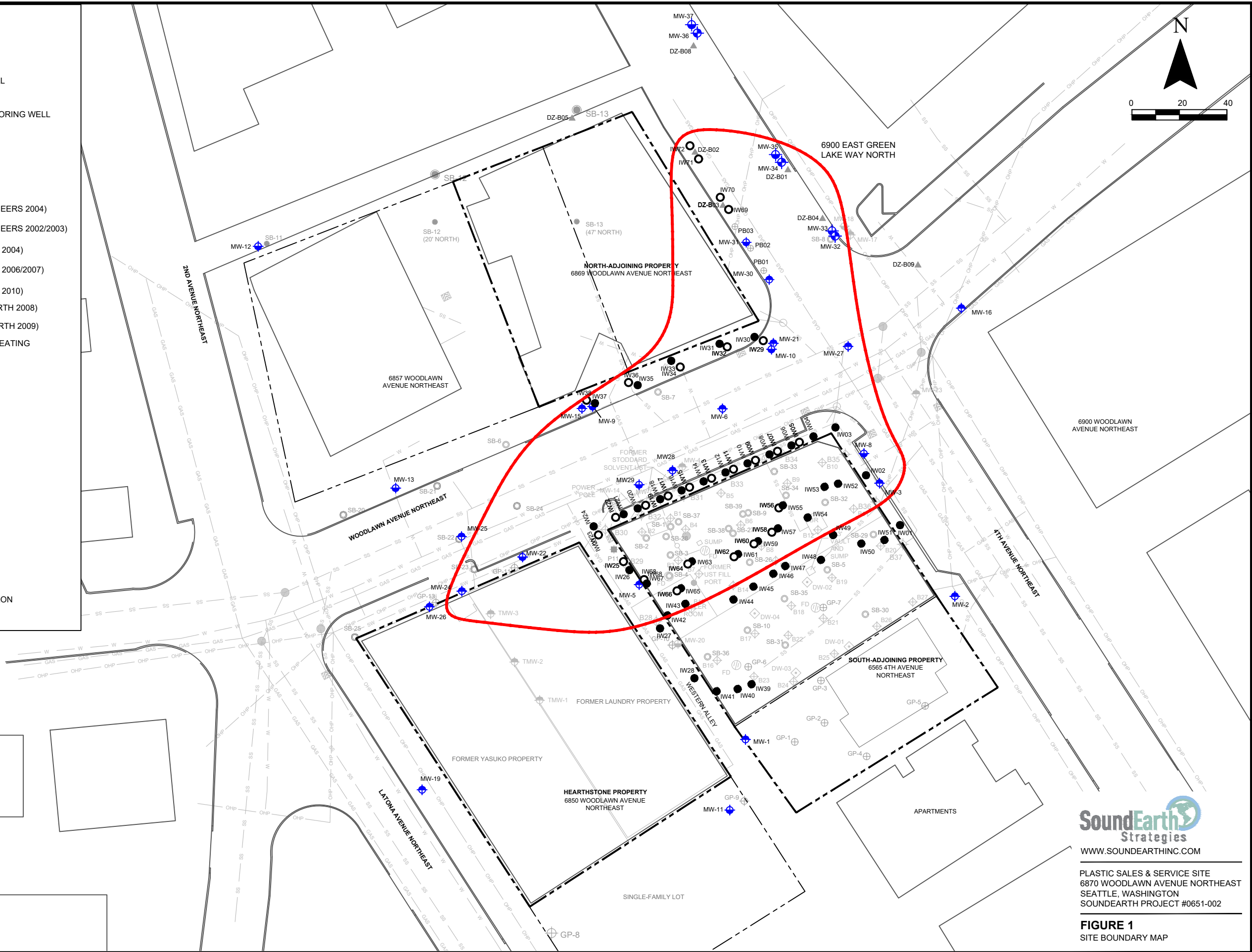
FIGURES

LEGEND

- CATCH BASIN
- MANHOLE
- SHALLOW-ZONE MONITORING WELL
- DEEP-ZONE MONITORING WELL
- INTERMEDIATE DEEP-ZONE MONITORING WELL
- DEEP DEWATERING WELL
- SHALLOW INJECTION WELL
- DEEP INJECTION WELL
- DECOMMISSIONED WELL
- DIRECT-PUSH BORING (GEOENGINEERS 2004)
- DIRECT-PUSH BORING (GEOENGINEERS 2002/2003)
- DIRECT-PUSH BORING (FARALLON 2004)
- DIRECT-PUSH BORING (FARALLON 2006/2007)
- DIRECT-PUSH BORING (FARALLON 2010)
- DIRECT-PUSH BORING (SOUNDEARTH 2008)
- HOLLOW-STEM AUGER (SOUNDEARTH 2009)
- POST-ELECTRICAL RESISTANCE HEATING BORING LOCATION
- STORMWATER LINE
- GAS LINE
- SANITARY SEWER LINE
- WATER LINE
- OVERHEAD POWER LINE
- PROPERTY BOUNDARY LINE
- PARCEL BOUNDARY
- SITE BOUNDARY
- FLOOR DRAIN
- UNDERGROUND STORAGE TANK

NOTES:

- FIGURE DERIVED FROM BASEMAP BY FARALLON CONSULTING, 2010.



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SEATTLE, WASHINGTON
SOUNDEARTH PROJECT #0651-002

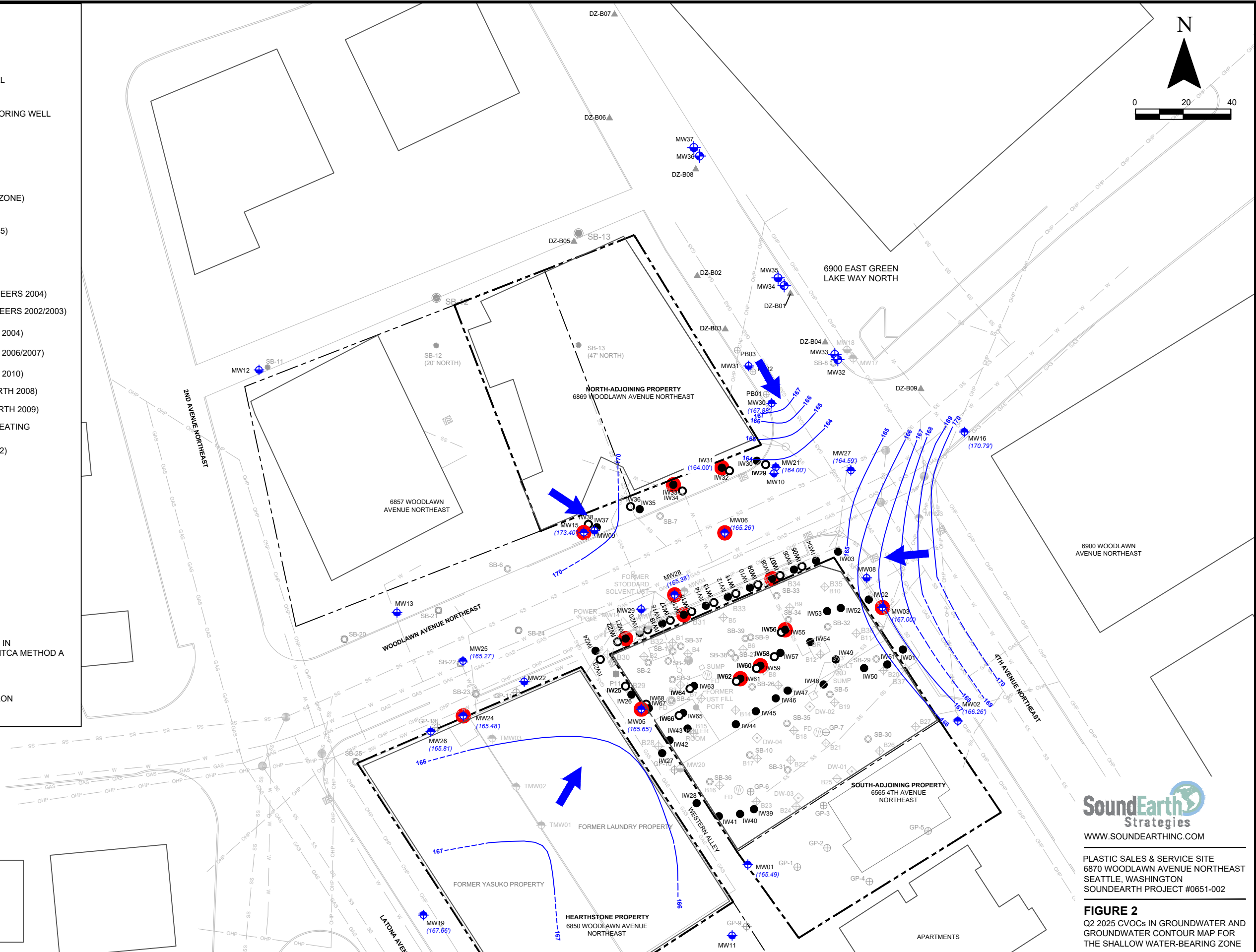
FIGURE 1
SITE BOUNDARY MAP

LEGEND

-  CATCH BASIN
-  MANHOLE
-  SHALLOW-ZONE MONITORING WELL
-  DEEP-ZONE MONITORING WELL
-  INTERMEDIATE DEEP-ZONE MONITORING WELL
-  DEEP DEWATERING WELL
-  SHALLOW INJECTION WELL
-  DEEP INJECTION WELL
-  APPROXIMATE DIRECTION OF GROUNDWATER FLOW (SHALLOW ZONE)
-  SHALLOW ZONE POTENTIOMETRIC SURFACE CONTOUR (APRIL 21, 2025)
DASHED WHERE INFERRED
-  GROUNDWATER ELEVATION
-  DECOMMISSIONED WELL
-  DIRECT-PUSH BORING (GEOENGINEERS 2004)
-  DIRECT-PUSH BORING (GEOENGINEERS 2002/2003)
-  DIRECT-PUSH BORING (FARALLON 2004)
-  DIRECT-PUSH BORING (FARALLON 2006/2007)
-  DIRECT-PUSH BORING (FARALLON 2010)
-  DIRECT-PUSH BORING (SOUNDEARTH 2008)
-  DIRECT-PUSH BORING (SOUNDEARTH 2009)
-  POST-ELECTRICAL RESISTANCE HEATING BORING LOCATION
-  SONIC BORING (SOUNDEARTH 2022)
-  STORMWATER LINE
-  GAS LINE
-  SANITARY SEWER LINE
-  WATER LINE
-  OVERHEAD POWER LINE
-  PROPERTY BOUNDARY LINE
-  PARCEL BOUNDARY
-  FLOOR DRAIN
-  UNDERGROUND STORAGE TANK
-  DENOTES CVOC CONCENTRATION IN GROUNDWATER THAT EXCEEDS MTCA METHOD A OR B CLEANUP LEVEL

NOTES:

1. FIGURE DERIVED FROM BASEMAP BY FARALLON CONSULTING, 2010.



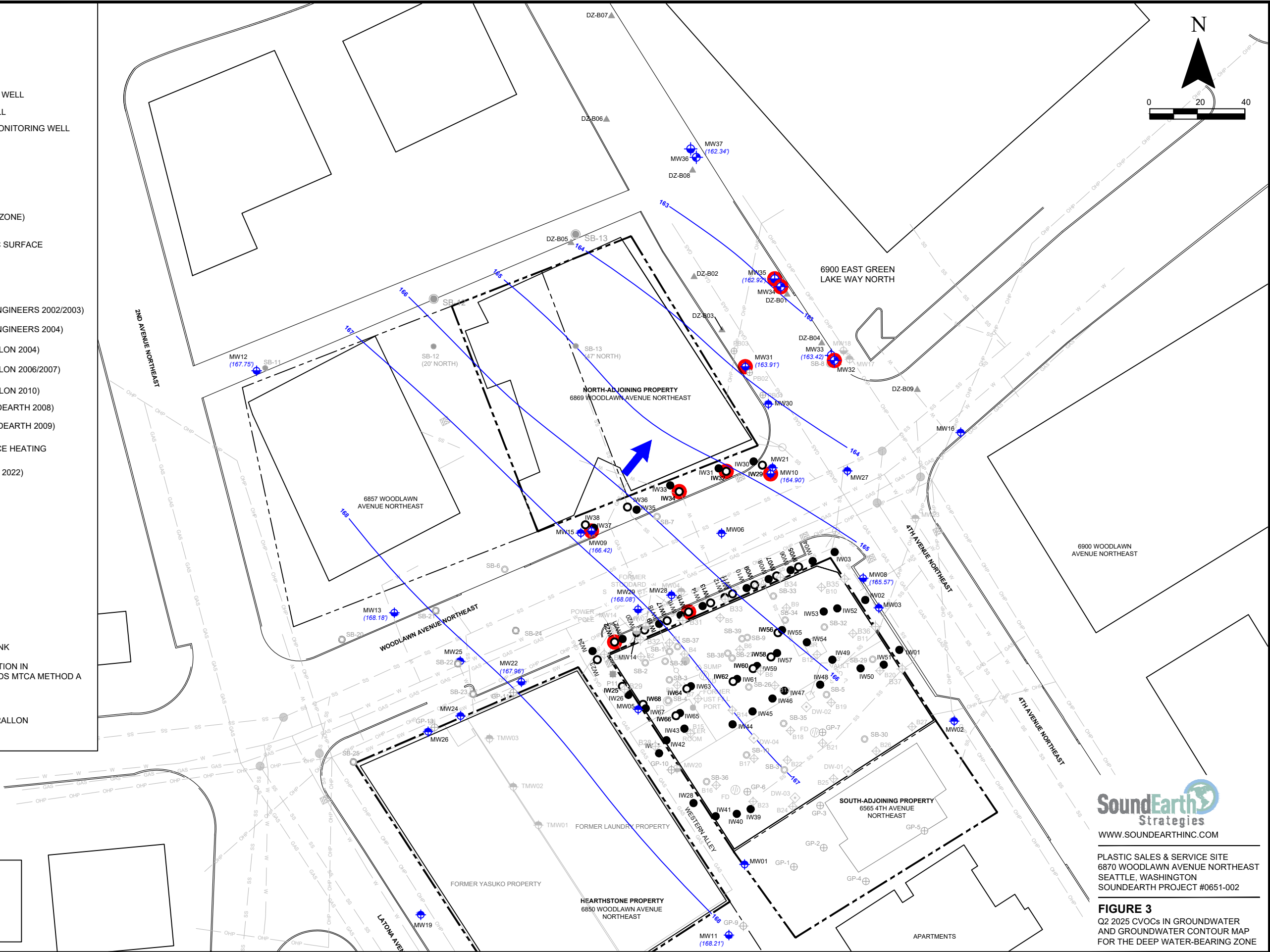
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LEGEND

- CATCH BASIN
- MANHOLE
- SHALLOW-ZONE MONITORING WELL
- DEEP-ZONE MONITORING WELL
- INTERMEDIATE DEEP-ZONE MONITORING WELL
- DEEP DEWATERING WELL
- SHALLOW INJECTION WELL
- DEEP INJECTION WELL
- APPROXIMATE DIRECTION OF GROUNDWATER FLOW (DEEP ZONE)
- DEEP ZONE POTENTIOMETRIC SURFACE CONTOUR (APRIL 21, 2025)
- GROUNDWATER ELEVATION
- DECOMMISSIONED WELL
- DIRECT-PUSH BORING (GEOENGINEERS 2002/2003)
- DIRECT-PUSH BORING (GEOENGINEERS 2004)
- DIRECT-PUSH BORING (FARALLON 2004)
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- POST-ELECTRICAL RESISTANCE HEATING BORING LOCATION
- SONIC BORING (SOUNDEARTH 2022)
- STORMWATER LINE
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- WATER LINE
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- DENOTES CVOC CONCENTRATION IN GROUNDWATER THAT EXCEEDS MTCA METHOD A OR B CLEANUP LEVEL

NOTES:
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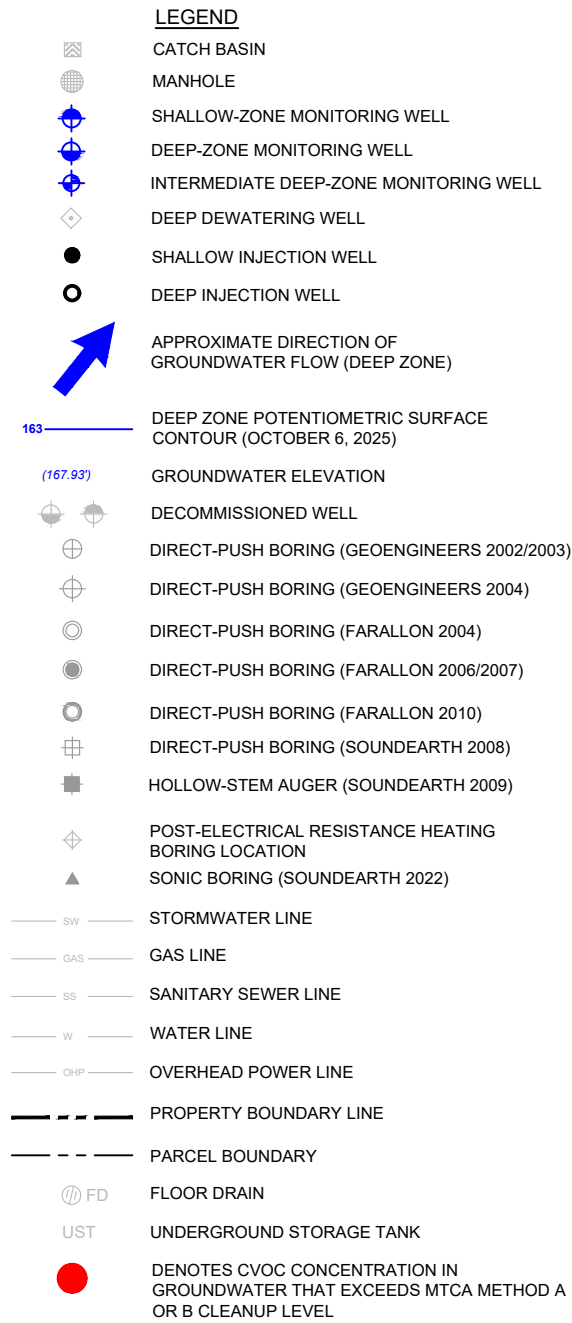


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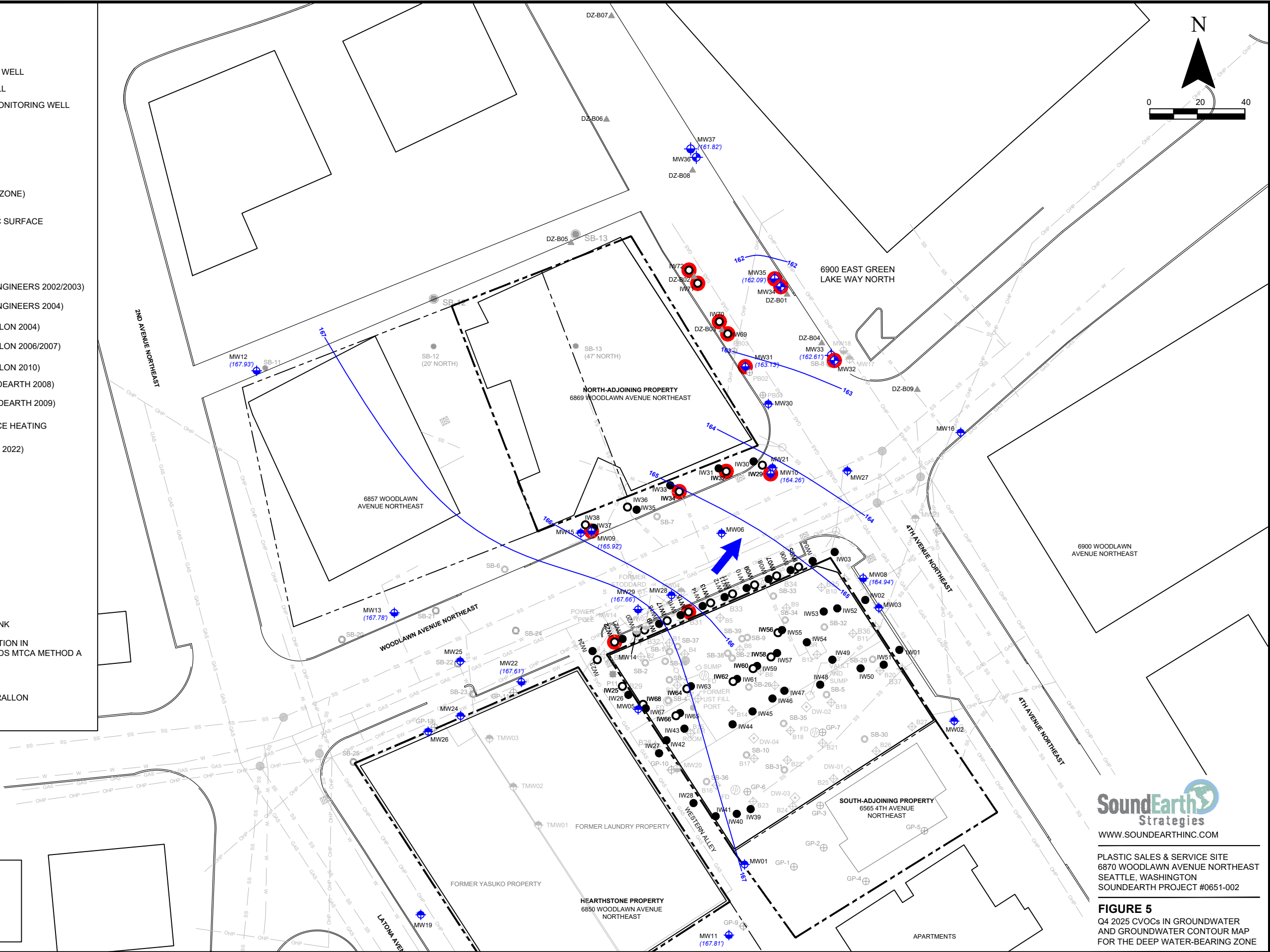
FIGURE 3
Q2 2025 CVOCs IN GROUNDWATER
AND GROUNDWATER CONTOUR MAP
FOR THE DEEP WATER-BEARING ZONE





NOTES:

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FIGURE 5
Q4 2025 CVOCs IN GROUNDWATER
AND GROUNDWATER CONTOUR MAP
FOR THE DEEP WATER-BEARING ZONE

1/7/2026
PI:0651 HEARTHSTONE-002 HEARTHSTONE - WOODLAWN EAST/TECHNICAL/CAD/2026/2025 JANKE BUILDING SAMPLING/0651-002_2025-JANKE VI SG RESULTS.DWG

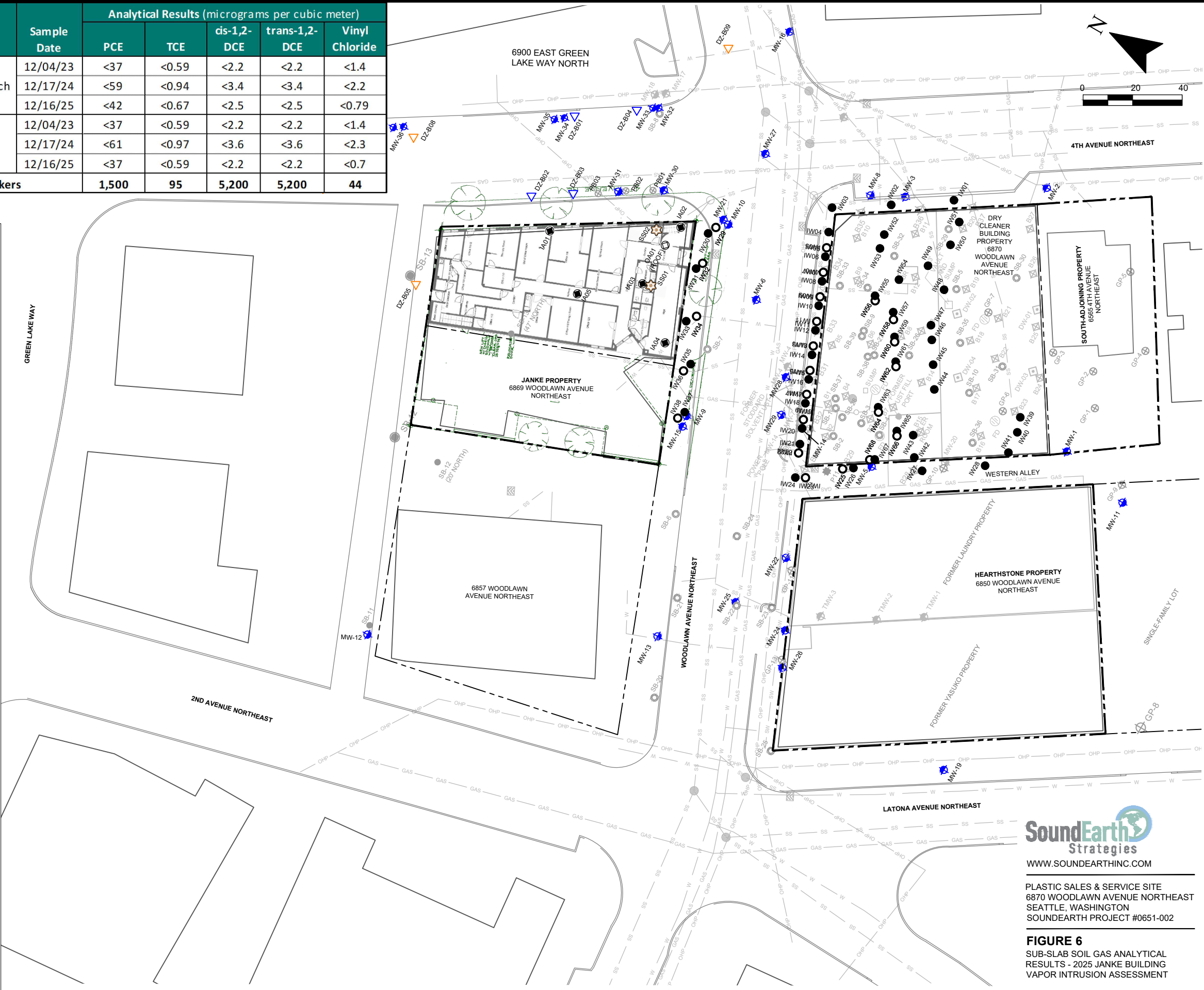
Sample Location ID	Location	Sample Date	Analytical Results (micrograms per cubic meter)				
			PCE	TCE	dis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
SS01	Janke building - southeastern crawl space hatch	12/04/23	<37	<0.59	<2.2	<2.2	<1.4
		12/17/24	<59	<0.94	<3.4	<3.4	<2.2
		12/16/25	<42	<0.67	<2.5	<2.5	<0.79
SS02	Janke building - southern crawl space hatch	12/04/23	<37	<0.59	<2.2	<2.2	<1.4
		12/17/24	<61	<0.97	<3.6	<3.6	<2.3
		12/16/25	<37	<0.59	<2.2	<2.2	<0.7
MTCA Sub-Slab Soil Gas Screening Levels for Commercial Workers			1,500	95	5,200	5,200	44

LEGEND

- INDOOR AIR SAMPLE LOCATION (SOUNDEARTH 2023-2025)
- OUTDOOR AIR SAMPLE LOCATION (SOUNDEARTH 2023-2025)
- SUB-SLAB SOIL GAS SAMPLE LOCATION (SOUNDEARTH 2023-2025)
- DEEP WATER-BEARING ZONE BORINGS (2022)
- CATCH BASIN
- MANHOLE
- SHALLOW-ZONE MONITORING WELL
- DEEP-ZONE MONITORING WELL
- DEEP DEWATERING WELL
- SHALLOW INJECTION WELL
- DEEP INJECTION WELL
- DEEP WATER-BEARING ZONE BORINGS (2021)
- DECOMMISSIONED WELL
- DIRECT-PUSH BORING (GEOENGINEERS 2002/2003)
- DIRECT-PUSH BORING (GEOENGINEERS 2004)
- DIRECT-PUSH BORING (FARALLON 2004)
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- POST-ELECTRICAL RESISTANCE HEATING BORING LOCATION
- STORMWATER LINE
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- WATER LINE
- OVERHEAD POWER LINE
- PROPERTY BOUNDARY LINE
- PARCEL BOUNDARY
- FLOOR DRAIN
- UNDERGROUND STORAGE TANK
- DICHLOROETHENE
- WASHINGTON STATE MODEL TOXICS CONTROL ACT
- TETRACHLOROETHENE
- TRICHLOROETHENE

NOTES:

1. FIGURE DERIVED FROM BASEMAP BY FARALLON CONSULTING, 2010.



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FIGURE 6
SUB-SLAB SOIL GAS ANALYTICAL
RESULTS - 2025 JANKE BUILDING
VAPOR INTRUSION ASSESSMENT

LEGEND

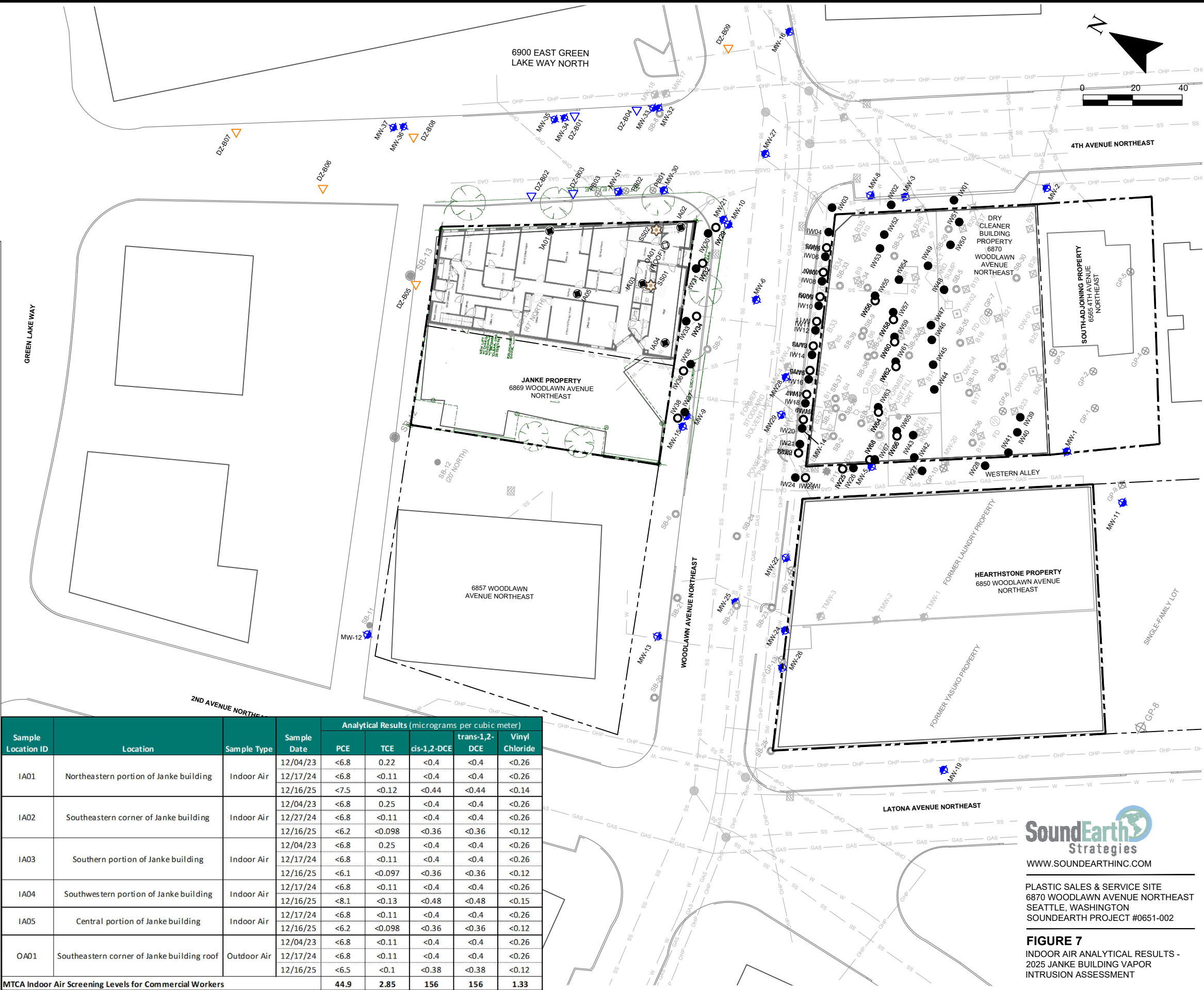
- INDOOR AIR SAMPLE LOCATION (SOUNDEARTH 2023-2025)
- OUTDOOR AIR SAMPLE LOCATION (SOUNDEARTH 2023-2025)
- ★ SUB-SLAB SOIL GAS SAMPLE LOCATION (SOUNDEARTH 2023-2025)
- △ DEEP WATER-BEARING ZONE BORINGS (2022)
- CATCH BASIN
- MANHOLE
- SHALLOW-ZONE MONITORING WELL
- DEEP-ZONE MONITORING WELL
- DEEP DEWATERING WELL
- SHALLOW INJECTION WELL
- DEEP INJECTION WELL
- △ DEEP WATER-BEARING ZONE BORINGS (2021)
- DECOMMISSIONED WELL
- ⊕ DIRECT-PUSH BORING (GEOENGINEERS 2002/2003)
- ⊕ DIRECT-PUSH BORING (GEOENGINEERS 2004)
- ⊕ DIRECT-PUSH BORING (FARALLON 2004)
- ⊕ DIRECT-PUSH BORING (FARALLON 2006/2007)
- ⊕ DIRECT-PUSH BORING (FARALLON 2010)
- ⊕ DIRECT-PUSH BORING (SOUNDEARTH 2008)
- ⊕ HOLLOW-STEM AUGER (SOUNDEARTH 2009)
- ⊕ POST-ELECTRICAL RESISTANCE HEATING BORING LOCATION

- SW — STORMWATER LINE
- GAS — GAS LINE
- SS — SANITARY SEWER LINE
- W — WATER LINE
- OHP — OVERHEAD POWER LINE
- PROPERTY BOUNDARY LINE
- PARCEL BOUNDARY

- Ⓢ FD FLOOR DRAIN
- UST UNDERGROUND STORAGE TANK
- DCE DICHLOROETHENE
- MTCA WASHINGTON STATE MODEL TOXICS CONTROL ACT
- PCE TETRACHLOROETHENE
- TCE TRICHLOROETHENE

NOTES:

- FIGURE DERIVED FROM BASEMAP BY FARALLON CONSULTING, 2010.



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

FIGURE 7
INDOOR AIR ANALYTICAL RESULTS -
2025 JANKE BUILDING VAPOR
INTRUSION ASSESSMENT

TABLES



Table 1
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 1
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



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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
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



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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	--
--	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
			25.31	10/06/25	13.43	162.20
MW34	15 to 25	175.58	--	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
24.31	10/06/25	13.31	162.27			
MW36	15 to 25	175.30	--	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
			--	04/21/25	12.88	162.42
MW07	21 to 31	176.56	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
			--	06/22/06	8.42	168.14
		176.59	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 1
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						
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



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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						
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
			66.05	10/06/25	9.02	167.93
MW13	55.5 to 65.5	177.03	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
			66.23	10/06/25	9.25	167.78
MW14	63 to 73	176.50	72.81	05/31/06	6.55	169.95
			--	06/22/06	6.65	169.85
			71.8	01/08/07	5.18	171.32
		176.72	--	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 1
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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 2
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 2
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 2
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 2
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 2
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	13.00	0.36	< 0.20	< 0.20	< 0.20	< 0.20
	IW30-20200526*	SoundEarth	05/26/20	10.00	0.23	< 0.20	< 0.20	< 0.20	< 0.20
	IW30-20200720*	SoundEarth	07/20/20	10.00	0.28	< 0.20	< 0.20	< 0.20	< 0.20
	IW30-20201019*	SoundEarth	10/19/20	10.00	0.35	< 0.20	< 0.20	< 0.20	< 0.20
	IW30-20210127*	SoundEarth	01/27/21	10.00	0.34	< 0.20	< 0.20	< 0.20	< 0.20
	IW30-20210419*	SoundEarth	04/19/21	13.00	0.33	< 0.20	0.78	< 0.20	< 0.20
	IW30-20210726*	SoundEarth	07/26/21	13.00	0.28	< 0.20	0.21	< 0.20	< 0.20
	IW30-20211011*	SoundEarth	10/11/21	13.00	0.29	< 0.20	< 0.20	< 0.20	< 0.20
	IW30-20220425*	SoundEarth	04/25/22	10.00	0.32	< 0.20	< 0.20	< 0.20	< 0.20
	IW30-20221114*	SoundEarth	11/14/22	10.00	0.22	< 0.20	< 0.20	< 0.20	< 0.20
	IW30-20230417*	SoundEarth	04/17/23	13.00	0.38	< 0.20	< 0.20	< 0.20	< 0.20
	IW30-20231023*	SoundEarth	10/23/23	15.00	0.29	< 0.20	< 0.20	< 0.20	< 0.20
	IW30-20240415*	SoundEarth	04/15/24	8.00	< 0.20	< 0.20	3.1	< 0.20	1.9
	IW30-20240618*	SoundEarth	06/18/24	8.00	< 0.20	< 0.20	3.1	< 0.20	2.4
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	12.50	1.1	< 0.20	< 0.20	< 0.20	< 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
MTCA Cleanup 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
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 2
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 2
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 2
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
	MW22-20231024	SoundEarth	10/24/23	42.50	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
MW29	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
	MW29-20241024	SoundEarth	10/24/24	45.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
MW31	MW31-20250423	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
	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
MW32	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
	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
MW33	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
	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
MW34	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
	MW34-20230418	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
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 2
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 2
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 2
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 3
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
MW06	MW05-20240416	04/16/24	0.11	2.7	30	33.5	-3.5	<5.0	4.5	<0.00056	<0.00058	26
	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
	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
MW15	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
	MW15-20231024	10/24/23	0.937	0.52	5.1	2.43	2.7	9.58	5.1	<0.00056	<0.00058	108
MW19	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
	MW19-20231025	10/25/23	0.095	0.15	<0.056	<0.150	--	38.2	<0.00055	<0.00056	<0.00058	153
MW21	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
	MW21-20181022	10/22/18	<0.05	1.6	0.46	0.093	0.37	67	0.043	<0.0030	<0.0030	11
MW24	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
	MW21-20251008	10/08/25	<0.050	2.5	51	72.3	-21.3	<5.0	2.0	<0.00056	<0.00058	37
MW25	MW24-20210420	04/20/21	--	--	--	--	--	--	--	--	--	--
	MW24-20210726	07/26/21	--	--	--	--	--	--	--	--	--	--
	MW24-20211012	10/12/21	--	--	--	--	--	--	--	--	--	--
	MW24-20220427	04/27/22	--	--	--	--	--	--	--	--	--	--
MW26	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	--	--	--	--	--	--	--	--	--	--
	MW25-20211012	10/12/21	--	--	--	--	--	--	--	--	--	--
MW26	MW25-20220426	04/26/22	--	--	--	--	--	--	--	--	--	--
	MW26-20210420	04/20/21	--	--	--	--	--	--	--	--	--	--
	MW26-20210726	07/26/21	--	--	--	--	--	--	--	--	--	--
	MW26-20211012	10/12/21	--	--	--	--	--	--	--	--	--	--
MW26	MW26-20220427	04/27/22	--	--	--	--	--	--	--	--	--	--



Table 3
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	--	--	--	--	--	--	--	--	--	--
MW28	MW27-20251007	10/07/25	<0.050	0.26	14	--	--	15	0.0034	<0.00056	<0.00058	200
	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
MW30	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
	MW30-20210420	04/19/21	--	--	--	--	--	--	--	--	--	--
	MW30-20210726	07/26/21	--	--	--	--	--	--	--	--	--	--
MW32	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
	MW32-20230418	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
MW34	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
	MW34-20230418	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
MW36	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	--	--	--	--	--	--	--	--	--	--
MW09	MW08-20211012	10/12/21	--	--	--	--	--	--	--	--	--	--
	MW08-20220426	04/26/22	--	--	--	--	--	--	--	--	--	--
	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
MW10	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
	MW10-20140910	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
MW11	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
	MW11-060206	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	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 3
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	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	--	--	--	--	--	--	--	--	--	--
	MW13-20230419	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	MW14-060206	06/02/06	<0.15	--	1.9	0.0	1.9	34	<0.01	<0.01	<0.01	--
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
	MW35-20250422	04/22/25	<0.050	0.041	<0.050	<0.150	<0.050	41	0.0032	<0.00056	<0.00058	11
IW69	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 4
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 4
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
MW21	MW19-20251007	10/07/25	0.69	114.7	0.455	4.32	15.7	7.03	--	1.3
	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
MW24	MW21-20251008	10/08/25	2.18	-129.2	1.319	53.1	17.2	6.66	--	63
	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	--	--
MW25	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
	MW25-20181025	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	MW25-20221115	11/15/22	0.21	0.3	0.158	1,267	14.7	8.49	--	--
	MW25-20230418	04/18/23	2.96	107.6	0.112	<2000	9.76	6.26	--	--
	MW25-20231024	10/24/23	0.23	-105.0	0.141	556	15.40	6.98	--	--
	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	--	--
MW27	MW26-20220427	04/27/22	7.10	122.2	0.472	0.40	10.75	6.71	--	--
	MW26-20221117	11/17/22	6.16	246.3	0.448	7.9	14.2	5.49	--	--
	MW26-20230419	04/19/23	6.81	121.0	0.755	0.53	11.0	6.91	--	--
	MW26-20231024	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	--	--
	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	--	--
MW28	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	--	--
	MW28-20200128	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 4
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
	MW09-20240416	04/16/24	10.69	-5.8	0.281	4.12	13.9	6.64	--	<1.0
MW10	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
	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
MW11	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
	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
MW12	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
	MW11-20251007	10/07/25	0.22	-157.3	0.2639	3.81	15.2	7.71	--	<1.0
MW13	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
	MW13-20240415	04/15/24	2.11	157.5	0.243	2.11	13.80	6.56	--	<1.0



Table 4
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 5
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
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	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	MW21-20181022	10/22/18	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69
	MW21-20210420	04/20/21	--	--	--	--	--	--
	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
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 5
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
	MW13-20250422	04/22/25	<0.50	0.69 ^J	<0.30	0.34 ^J	<0.15	<0.50
MW22	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
MW29	MW22-20210420	04/20/21	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69
	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
MW31	MW29-20210420	04/20/21	<0.39	<0.54	<0.31	<0.22	<0.41	<0.69
	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
MW35	MW31-20250424	04/24/25	<0.50	1.1 ^J	<0.30	0.42 ^J	<0.15	<0.50
	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
IW69	MW35-20250422	04/22/25	<0.50	0.55 ^J	<0.30	<0.30	<0.15	<0.50
	MW35-20251008	10/08/25	<0.30	2.9	<0.15	0.63 ^J	<0.15	<0.15
	IW69-20251120	11/20/25	<0.30	<0.50	<0.15	<0.30	<0.15	<0.15
	IW70-20251120	11/20/25	<0.30	<0.50	<0.15	<0.30	<0.15	<0.15
IW71	IW71-20251120	11/20/25	<0.30	<0.50	<0.15	<0.30	<0.15	<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:
^JThe 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



Table 6
Mann-Kendall Non-Parametric Trend Results for Fourth Quarter 2025
Plastic Sales and Sevice's Site
6870 Woodlawn Avenue Northeast
Seattle, Washington

Well No.	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VC	Last Sample Date	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VC	Comments
Plume Stability						micrograms per liter (ug/L)						
Shallow Zone							Shallow Zone					Shallow Zone
MW03	NA	Increasing	NA	NA	Decreasing	10/7/2025	3.8	5.1	7	< 0.20	1.5	4th Ave West ROW south of Woodlawn Ave. ROW
MW05	NA	NA	NA	NA	Decreasing	10/8/2025	< 0.2	< 0.2	0.84	< 0.2	1.3	Alley between east and west developments
MW06	NA	NA	Decreasing	NA	Decreasing	10/7/2025	0.51	1.1	4.1	0.44	12	Woodlawn Ave ROW downgradient of source area
MW15	NA	NA	NA	NA	Increasing	10/9/2025	0.2	0.26	2.4	0.2	0.37	Woodlawn Ave ROW downgradient of source area
MW24	NA	NA	NA	NA	Increasing	10/7/2025	0.29	< 0.2	< 0.2	< 0.2	1.4	Woodlawn Ave adjacent to former Laundry building
MW28	NA	NA	Decreasing	NA	Decreasing	10/8/2025	< 0.4	0.87	32	< 0.4	16	Woodlawn Ave ROW adjacent to former solvent tanks
IW08	NA	NA	Increasing	NA	Increasing	10/6/2025	1.7	0.76	33	< 0.4	1.6	Woodlawn Ave ROW south side
IW16	NA	NA	NA	NA	Decreasing	10/6/2025	< 0.2	0.61	0.82	< 0.2	0.81	Woodlawn Ave ROW proximal to former solvent tanks
IW21	NA	NA	NA	NA	Decreasing	10/11/2025	< 0.4	< 0.4	0.54	< 0.4	2.6	Woodlawn Ave ROW adjacent to former solvent tanks
IW33	NA	NA	Undetermined	NA	Increasing	10/6/2025	0.94	0.56	42	0.44	4	Woodlawn Ave ROW downgradient of source area
IW55	NA	NA	NA	NA	Underminted	10/6/2025	< 0.2	< 0.2	1.1	< 0.2	0.86	In parking garage of east development
IW59	NA	NA	NA	NA	Increasing	10/6/2025	< 0.2	< 0.2	2.1	< 0.2	0.4	In parking garage of east development
IW61	NA	NA	NA	NA	Increasing	10/6/2025	0.8	0.8	6.7	0.8	3.2	In parking garage of east development
Deep Zone							Deep Zone					Deep Zone
MW09	Increasing	NA	Decreasing	NA	NA	10/9/2025	440	18	31	2	0.65	Southwest Corner of Janke building
MW10	Undetermined	Increasing	Stable	NA	Decreasing	10/8/2025	18	20	130	0.8	1.3	Southeast Corner of Janke building
MW31	Decreasing	Decreasing	Stable	NA	Increasing	10/8/2025	55	62	5000	50	2,500	4th Ave West of Janke building
MW34	NA	NA	NA	NA	Decreasing	10/7/2025	0.2	0.21	0.61	< 0.2	1.0	4th Ave West adjacent to 6900 Green Lake Way North
MW35	Undetermined	Undetermined	Undetermined	NA	Undetermined	10/8/2025	28	8.9	45	0	12	4th Ave West adjacent to 6900 Green Lake Way North
IW15	NA	NA	Increasing	NA	Decreasing	10/6/2025	1.6	1.8	32	0.4	5.5	Southside of Woodlawn Ave in front of east development
IW22	NA	NA	NA	NA	Decreasing	10/6/2025	0.2	0.2	4.7	0.2	2.8	Woodlawn Ave ROW adjacent to former solvent tanks
IW32	Decreasing	Decreasing	Undetermined	NA	Increasing	10/6/2025	570	180	7,300	24	3,500	North side of Woodlawn in front of Janke building
IW34	Decreasing	Decreasing	Increasing	Increasing	Increasing	10/6/2025	40	65	15,000	360	7,400	North side of Woodlawn in front of Janke building

NOTES:

Red indicates the concentration exceeds the cleanup level and or the laboratory detection limit exceed the cleanup level.

NA indicates that the concentration of analyte not detected above the laboratory reporting limit or the concentration was less than the groundwater cleanup level in fourth quarter of 2024

Undetermined = Insufficient evidence to identify a significant trend at the specified level of significance

ug/L = micrograms per liter

Ave = Avenue

cis-1,2-DCE = cis-1,2-dichloroethene

PCE = tetrachloroethene

ROW = right-of-way

TCE = trichloroethene

trans-1,2-DCE = trans-1,2-dichloroethene

VC = vinyl chloride



Table 7
Summary of Indoor Air Analytical Results
Plastic Sales and Service Site (Janke Building)
6870 Woodlawn Avenue Northeast
Seattle, Washington

Sample Location ID	Sample ID	Location	Sampled by	Sample Type	Sample Date	Analytical Results ⁽¹⁾ (µg/m ³)				
						PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
IA01	IA01-20231204	Northeastern portion of Janke building	SoundEarth	Indoor Air	12/04/23	<6.8	0.22	<0.4	<0.4	<0.26
	IA01-20241217				12/17/24	<6.8	<0.11	<0.4	<0.4	<0.26
	IA01-20251216				12/16/25	<7.5	<0.12	<0.44	<0.44	<0.14
IA02	IA02-20231204	Southeastern corner of Janke building		Indoor Air	12/04/23	<6.8	0.25	<0.4	<0.4	<0.26
	IA02-20241217				12/27/24	<6.8	<0.11	<0.4	<0.4	<0.26
	IA02-20251216				12/16/25	<6.2	<0.098	<0.36	<0.36	<0.12
IA03	IA03-20231204	Southern portion of Janke building		Indoor Air	12/04/23	<6.8	0.25	<0.4	<0.4	<0.26
	IA03-20241217				12/17/24	<6.8	<0.11	<0.4	<0.4	<0.26
	IA03-20251216				12/16/25	<6.1	<0.097	<0.36	<0.36	<0.12
IA04	IA04-20241217	Southwestern portion of Janke building		Indoor Air	12/17/24	<6.8	<0.11	<0.4	<0.4	<0.26
	IA04-20251216				12/16/25	<8.1	<0.13	<0.48	<0.48	<0.15
IA05	IA05-20241217	Central portion of Janke building		Indoor Air	12/17/24	<6.8	<0.11	<0.4	<0.4	<0.26
	IA05-20251216				12/16/25	<6.2	<0.098	<0.36	<0.36	<0.12
OA01	OA01-20231204	Southeastern corner of Janke building roof		Outdoor Air	12/04/23	<6.8	<0.11	<0.4	<0.4	<0.26
	OA01-20241217				12/17/24	<6.8	<0.11	<0.4	<0.4	<0.26
	OA01-20251216				12/16/25	<6.5	<0.1	<0.38	<0.38	<0.12
MTCA Indoor Air Screening Levels for Commercial Workers						44.9 ⁽²⁾	2.85 ⁽²⁾	156 ⁽³⁾	156 ⁽³⁾	1.33 ⁽²⁾

NOTES:

Chemical analyses conducted by Friedman & Bruya, Inc. of Seattle, Washington.

⁽¹⁾ Analyzed by EPA Method TO-15.

⁽²⁾ Vapor Intrusion Screening Level for Commercial Worker, Indoor Air Screening Level, Cancer, CLARC database, CLARC Website
 <<https://fortress.wa.gov/ecy/clarc/CLARCHome.aspx>>.

⁽³⁾ Vapor Intrusion Screening Level for Commercial Worker, Indoor Air Screening Level, Noncancer, CLARC database, CLARC Website
 <<https://fortress.wa.gov/ecy/clarc/CLARCHome.aspx>>.

µg/m³ = microgram per cubic meter

< = concentration not detected above the laboratory reporting limit

CLARC = Cleanup Levels and Risk Calculations

DCE = dichloroethene

EPA = US Environmental Protection Agency

MTCA = Washington State Model Toxics Control Act

PCE = tetrachloroethylene

SoundEarth = SoundEarth Strategies, Inc.

TCE = trichloroethene



Table 8
Summary of Sub-Slab Soil Gas Analytical Results
Plastic Sales and Service Site (Janke Building)
6870 Woodlawn Avenue Northeast
Seattle, Washington

Sample Location ID	Sample ID	Location	Sampled By	Sample Date	Analytical Results ⁽¹⁾ (µg/m ³)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
SS01	SS01-20231204	Janke building - southeastern crawl space hatch	SoundEarth	12/04/23	<37	<0.59	<2.2	<2.2	<1.4
	12/17/24			<59	<0.94	<3.4	<3.4	<2.2	
	12/16/25			<42	<0.67	<2.5	<2.5	<0.79	
SS02	SS02-20231204	Janke building - southern crawl space hatch		12/04/23	<37	<0.59	<2.2	<2.2	<1.4
	12/17/24			<61	<0.97	<3.6	<3.6	<2.3	
	12/16/25			<37	<0.59	<2.2	<2.2	<0.7	
MTCA Sub-Slab Soil Gas Screening Levels for Commercial Workers					1,500 ⁽²⁾	95 ⁽²⁾	5,200 ⁽³⁾	5,200 ⁽³⁾	44 ⁽²⁾

NOTES:

Chemical analyses conducted by Friedman & Bruya, Inc. of Seattle, Washington.

⁽¹⁾Analyzed by EPA Method TO-15.

⁽²⁾Vapor Intrusion Screening Level for Commercial Worker, Soil Gas Screening Level, Cancer, CLARC database, CLARC Website <<https://fortress.wa.gov/ecy/clarc/CLARCHome.aspx>>.

⁽³⁾Vapor Intrusion Screening Level for Commercial Worker, Soil Gas Screening Level, Noncancer, CLARC database, CLARC Website <<https://fortress.wa.gov/ecy/clarc/CLARCHome.aspx>>.

µg/m³ = microgram per cubic meter

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EPA = US Environmental Protection Agency

MTCA = Washington State Model Toxics Control Act

PCE = tetrachloroethene

SoundEarth = SoundEarth Strategies, Inc.

TCE = trichloroethene

ATTACHMENT A
LABORATORY ANALYTICAL REPORTS

Second Quarter 2025 Groundwater



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

May 13, 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. 2504-353

Dear Tom:

Enclosed are the analytical results and associated quality control data for samples submitted on April 22, 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: May 13, 2025
Samples Submitted: April 22, 2025
Laboratory Reference: 2504-353
Project: 0651-002

Case Narrative

Samples were collected on April 22, 2025 and received by the laboratory on April 22, 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: May 13, 2025
 Samples Submitted: April 22, 2025
 Laboratory Reference: 2504-353
 Project: 0651-002

VOLATILE ORGANICS EPA 8260D

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: MW06-20250422						
Laboratory ID: 04-353-01						
Vinyl Chloride	23	0.20	EPA 8260D	4-24-25	4-24-25	
(trans) 1,2-Dichloroethene	0.26	0.20	EPA 8260D	4-24-25	4-24-25	
(cis) 1,2-Dichloroethene	11	0.20	EPA 8260D	4-24-25	4-24-25	
Trichloroethene	1.3	0.20	EPA 8260D	4-24-25	4-24-25	
Tetrachloroethene	0.81	0.20	EPA 8260D	4-24-25	4-24-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	98	68-133				
<i>Toluene-d8</i>	102	79-123				
<i>4-Bromofluorobenzene</i>	100	78-117				

Client ID: MW27-20250422						
Laboratory ID: 04-353-03						
Vinyl Chloride	ND	0.20	EPA 8260D	4-24-25	4-24-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
Trichloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
Tetrachloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	99	68-133				
<i>Toluene-d8</i>	101	79-123				
<i>4-Bromofluorobenzene</i>	100	78-117				

Client ID: MW30-20250422						
Laboratory ID: 04-353-04						
Vinyl Chloride	ND	0.20	EPA 8260D	4-24-25	4-24-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
Trichloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
Tetrachloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	98	68-133				
<i>Toluene-d8</i>	102	79-123				
<i>4-Bromofluorobenzene</i>	101	78-117				



Date of Report: May 13, 2025
 Samples Submitted: April 22, 2025
 Laboratory Reference: 2504-353
 Project: 0651-002

VOLATILE ORGANICS EPA 8260D

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: MW34-20250422						
Laboratory ID: 04-353-05						
Vinyl Chloride	0.42	0.20	EPA 8260D	4-24-25	4-24-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
(cis) 1,2-Dichloroethene	0.42	0.20	EPA 8260D	4-24-25	4-24-25	
Trichloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
Tetrachloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	99	68-133				
<i>Toluene-d8</i>	102	79-123				
<i>4-Bromofluorobenzene</i>	101	78-117				

Client ID: MW35-20250422						
Laboratory ID: 04-353-08						
Vinyl Chloride	1.2	0.20	EPA 8260D	4-24-25	4-24-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
(cis) 1,2-Dichloroethene	21	0.20	EPA 8260D	4-24-25	4-24-25	
Trichloroethene	4.0	0.20	EPA 8260D	4-24-25	4-24-25	
Tetrachloroethene	15	0.20	EPA 8260D	4-24-25	4-24-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	97	68-133				
<i>Toluene-d8</i>	101	79-123				
<i>4-Bromofluorobenzene</i>	99	78-117				

Client ID: MW99-20250422						
Laboratory ID: 04-353-09						
Vinyl Chloride	21	0.20	EPA 8260D	4-24-25	4-24-25	
(trans) 1,2-Dichloroethene	0.26	0.20	EPA 8260D	4-24-25	4-24-25	
(cis) 1,2-Dichloroethene	11	0.20	EPA 8260D	4-24-25	4-24-25	
Trichloroethene	1.3	0.20	EPA 8260D	4-24-25	4-24-25	
Tetrachloroethene	0.77	0.20	EPA 8260D	4-24-25	4-24-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	100	68-133				
<i>Toluene-d8</i>	102	79-123				
<i>4-Bromofluorobenzene</i>	100	78-117				



Date of Report: May 13, 2025
 Samples Submitted: April 22, 2025
 Laboratory Reference: 2504-353
 Project: 0651-002

**VOLATILE ORGANICS EPA 8260D
 QUALITY CONTROL**

Matrix: Water

Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0424W1					
Vinyl Chloride	ND	0.20	EPA 8260D	4-24-25	4-24-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
Trichloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
Tetrachloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>100</i>	<i>68-133</i>				
<i>Toluene-d8</i>	<i>103</i>	<i>79-123</i>				
<i>4-Bromofluorobenzene</i>	<i>100</i>	<i>78-117</i>				



Date of Report: May 13, 2025
 Samples Submitted: April 22, 2025
 Laboratory Reference: 2504-353
 Project: 0651-002

**VOLATILE ORGANICS EPA 8260D
 QUALITY CONTROL**

Matrix: Water

Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits		RPD	RPD Limit	Flags
					Recovery						
SPIKE BLANKS											
Laboratory ID:	SB0424W1										
	SB	SBD	SB	SBD	SB	SBD					
Vinyl Chloride	8.62	9.58	10.0	10.0	86	96	67-130	11		15	
(trans) 1,2-Dichloroethene	10.1	11.4	10.0	10.0	101	114	77-125	12		15	
(cis) 1,2-Dichloroethene	10.4	11.9	10.0	10.0	104	119	78-130	13		15	
Trichloroethene	10.4	11.7	10.0	10.0	104	117	80-126	12		15	
Tetrachloroethene	10.4	11.7	10.0	10.0	104	117	80-125	12		15	
Surrogate:											
Dibromofluoromethane					98	99	68-133				
Toluene-d8					102	102	79-123				
4-Bromofluorobenzene					101	102	78-117				



Date of Report: May 13, 2025
 Samples Submitted: April 22, 2025
 Laboratory Reference: 2504-353
 Project: 0651-002

**DISSOLVED GASES
RSK 175**

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	MW06-20250422					
Laboratory ID:	04-353-01					
Methane	1400	14	RSK 175	4-23-25	4-23-25	
Ethane	ND	0.56	RSK 175	4-23-25	4-23-25	
Ethene	2.1	0.58	RSK 175	4-23-25	4-23-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>1-Butene</i>	<i>125</i>	<i>50-150</i>				

Client ID:	MW19-20250422					
Laboratory ID:	04-353-02					
Methane	0.60	0.55	RSK 175	4-23-25	4-23-25	
Ethane	ND	0.56	RSK 175	4-23-25	4-23-25	
Ethene	ND	0.58	RSK 175	4-23-25	4-23-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>1-Butene</i>	<i>136</i>	<i>50-150</i>				

Client ID:	MW34-20250422					
Laboratory ID:	04-353-05					
Methane	33	0.55	RSK 175	4-23-25	4-23-25	
Ethane	ND	0.56	RSK 175	4-23-25	4-23-25	
Ethene	ND	0.58	RSK 175	4-23-25	4-23-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>1-Butene</i>	<i>131</i>	<i>50-150</i>				

Client ID:	MW11-20250422					
Laboratory ID:	04-353-06					
Methane	2.5	0.55	RSK 175	4-23-25	4-23-25	
Ethane	ND	0.56	RSK 175	4-23-25	4-23-25	
Ethene	ND	0.58	RSK 175	4-23-25	4-23-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>1-Butene</i>	<i>130</i>	<i>50-150</i>				

Client ID:	MW13-20250422					
Laboratory ID:	04-353-07					
Methane	ND	0.55	RSK 175	4-23-25	4-23-25	
Ethane	ND	0.56	RSK 175	4-23-25	4-23-25	
Ethene	ND	0.58	RSK 175	4-23-25	4-23-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>1-Butene</i>	<i>134</i>	<i>50-150</i>				



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: May 13, 2025
 Samples Submitted: April 22, 2025
 Laboratory Reference: 2504-353
 Project: 0651-002

DISSOLVED GASES
RSK 175

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	MW35-20250422					
Laboratory ID:	04-353-08					
Methane	3.2	0.55	RSK 175	4-23-25	4-23-25	
Ethane	ND	0.56	RSK 175	4-23-25	4-23-25	
Ethene	ND	0.58	RSK 175	4-23-25	4-23-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>1-Butene</i>	<i>130</i>	<i>50-150</i>				



Date of Report: May 13, 2025
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 Project: 0651-002

**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:	MB0423W1					
Methane	ND	0.55	RSK 175	4-23-25	4-23-25	
Ethane	ND	0.56	RSK 175	4-23-25	4-23-25	
Ethene	ND	0.58	RSK 175	4-23-25	4-23-25	
Surrogate:	Percent Recovery	Control Limits				
1-Butene	136	50-150				

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANK										
Laboratory ID:	SB0423W1									
	SB	SBD	SB	SBD	SB	SBD				
Methane	43.2	42.5	44.2	44.2	98	96	75-125	2	25	
Ethane	84.5	82.9	83.2	83.2	102	100	75-125	2	25	
Ethene	94.4	92.7	77.7	77.7	121	119	75-125	2	25	
Surrogate:										
1-Butene					117	113	50-150			



Date of Report: May 13, 2025
 Samples Submitted: April 22, 2025
 Laboratory Reference: 2504-353
 Project: 0651-002

SULFATE
ASTM D516-11

Matrix: Water
 Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	MW06-20250422					
Laboratory ID:	04-353-01					
Sulfate	ND	5.0	ASTM D516-16	4-25-25	4-25-25	

Client ID:	MW19-20250422					
Laboratory ID:	04-353-02					
Sulfate	28	10	ASTM D516-16	4-25-25	4-25-25	

Client ID:	MW34-20250422					
Laboratory ID:	04-353-05					
Sulfate	57	20	ASTM D516-16	4-25-25	4-25-25	

Client ID:	MW11-20250422					
Laboratory ID:	04-353-06					
Sulfate	38	10	ASTM D516-16	4-25-25	4-25-25	

Client ID:	MW13-20250422					
Laboratory ID:	04-353-07					
Sulfate	31	10	ASTM D516-16	4-25-25	4-25-25	

Client ID:	MW35-20250422					
Laboratory ID:	04-353-08					
Sulfate	41	10	ASTM D516-16	4-25-25	4-25-25	



Date of Report: May 13, 2025
 Samples Submitted: April 22, 2025
 Laboratory Reference: 2504-353
 Project: 0651-002

**SULFATE
 ASTM D516-11
 QUALITY CONTROL**

Matrix: Water

Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0425W1					
Sulfate	ND	5.0	ASTM D516-16	4-25-25	4-25-25	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	04-335-01							
	ORIG	DUP						
Sulfate	ND	ND	NA	NA	NA	NA	11	

MATRIX SPIKE

Laboratory ID:	04-335-01							
	MS	MS		MS				
Sulfate	12.2	10.0	ND	122	69-134	NA	NA	

SPIKE BLANK

Laboratory ID:	SB0425W1							
	SB	SB		SB				
Sulfate	8.73	10.0	NA	87	81-106	NA	NA	



Date of Report: May 13, 2025
 Samples Submitted: April 22, 2025
 Laboratory Reference: 2504-353
 Project: 0651-002

CHLORIDE
SM 4500-Cl E

Matrix: Water
 Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	MW06-20250422					
Laboratory ID:	04-353-01					
Chloride	56	2.0	SM 4500-Cl E	4-25-25	4-25-25	

Client ID:	MW19-20250422					
Laboratory ID:	04-353-02					
Chloride	37	2.0	SM 4500-Cl E	4-25-25	4-25-25	

Client ID:	MW34-20250422					
Laboratory ID:	04-353-05					
Chloride	13	2.0	SM 4500-Cl E	4-25-25	4-25-25	

Client ID:	MW11-20250422					
Laboratory ID:	04-353-06					
Chloride	12	2.0	SM 4500-Cl E	4-25-25	4-25-25	

Client ID:	MW13-20250422					
Laboratory ID:	04-353-07					
Chloride	7.6	2.0	SM 4500-Cl E	4-25-25	4-25-25	

Client ID:	MW35-20250422					
Laboratory ID:	04-353-08					
Chloride	11	2.0	SM 4500-Cl E	4-25-25	4-25-25	



Date of Report: May 13, 2025
 Samples Submitted: April 22, 2025
 Laboratory Reference: 2504-353
 Project: 0651-002

**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:	MB0425W1					
Chloride	ND	2.0	SM 4500-Cl E	4-25-25	4-25-25	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	04-367-01							
	ORIG	DUP						
Chloride	7.91	8.03	NA	NA	NA	NA	2	21

MATRIX SPIKE

Laboratory ID:	04-367-01							
	MS	MS		MS				
Chloride	61.3	50.0	7.91	107	81-115	NA	NA	

SPIKE BLANK

Laboratory ID:	SB0425W1							
	SB	SB		SB				
Chloride	50.1	50.0	NA	100	77-115	NA	NA	



Date of Report: May 13, 2025
 Samples Submitted: April 22, 2025
 Laboratory Reference: 2504-353
 Project: 0651-002

NITRATE (as Nitrogen)
EPA 353.2

Matrix: Water
 Units: mg/L-N

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	MW06-20250422					
Laboratory ID:	04-353-01					
Nitrate	ND	0.050	EPA 353.2	4-23-25	4-23-25	

Client ID:	MW19-20250422					
Laboratory ID:	04-353-02					
Nitrate	0.14	0.050	EPA 353.2	4-23-25	4-23-25	

Client ID:	MW34-20250422					
Laboratory ID:	04-353-05					
Nitrate	ND	0.050	EPA 353.2	4-23-25	4-23-25	

Client ID:	MW11-20250422					
Laboratory ID:	04-353-06					
Nitrate	ND	0.050	EPA 353.2	4-23-25	4-23-25	

Client ID:	MW13-20250422					
Laboratory ID:	04-353-07					
Nitrate	ND	0.050	EPA 353.2	4-23-25	4-23-25	

Client ID:	MW35-20250422					
Laboratory ID:	04-353-08					
Nitrate	ND	0.050	EPA 353.2	4-23-25	4-23-25	



Date of Report: May 13, 2025
 Samples Submitted: April 22, 2025
 Laboratory Reference: 2504-353
 Project: 0651-002

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:	MB0423W1					
Nitrate	ND	0.050	EPA 353.2	4-23-25	4-23-25	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	04-353-01							
	ORIG	DUP						
Nitrate	ND	ND	NA	NA	NA	NA	22	

MATRIX SPIKE

Laboratory ID:	04-353-01							
	MS	MS		MS				
Nitrate	2.23	2.00	ND	112	86-119	NA	NA	

SPIKE BLANK

Laboratory ID:	SB0423W1							
	SB	SB		SB				
Nitrate	2.18	2.00	NA	109	85-117	NA	NA	



Date of Report: May 13, 2025
 Samples Submitted: April 22, 2025
 Laboratory Reference: 2504-353
 Project: 0651-002

**TOTAL ORGANIC CARBON
SM 5310B**

Matrix: Water
 Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	MW06-20250422					
Laboratory ID:	04-353-01					
Total Organic Carbon	5.5	1.0	SM 5310B	4-24-25	4-24-25	

Client ID:	MW19-20250422					
Laboratory ID:	04-353-02					
Total Organic Carbon	1.6	1.0	SM 5310B	4-24-25	4-24-25	

Client ID:	MW34-20250422					
Laboratory ID:	04-353-05					
Total Organic Carbon	1.5	1.0	SM 5310B	4-24-25	4-24-25	

Client ID:	MW11-20250422					
Laboratory ID:	04-353-06					
Total Organic Carbon	1.4	1.0	SM 5310B	4-24-25	4-24-25	

Client ID:	MW13-20250422					
Laboratory ID:	04-353-07					
Total Organic Carbon	ND	1.0	SM 5310B	4-24-25	4-24-25	

Client ID:	MW35-20250422					
Laboratory ID:	04-353-08					
Total Organic Carbon	ND	1.0	SM 5310B	4-24-25	4-24-25	



Date of Report: May 13, 2025
 Samples Submitted: April 22, 2025
 Laboratory Reference: 2504-353
 Project: 0651-002

**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:	MB0424W1					
Total Organic Carbon	ND	1.0	SM 5310B	4-24-25	4-24-25	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	04-285-01							
	ORIG	DUP						
Total Organic Carbon	ND	ND	NA	NA	NA	NA	11	

MATRIX SPIKE

Laboratory ID:	04-285-01							
	MS	MS		MS				
Total Organic Carbon	10.4	10.0	ND	104	85-120	NA	NA	

SPIKE BLANK

Laboratory ID:	SB0424W1							
	SB	SB		SB				
Total Organic Carbon	11.4	10.0	NA	114	79-120	NA	NA	



Date of Report: May 13, 2025
 Samples Submitted: April 22, 2025
 Laboratory Reference: 2504-353
 Project: 0651-002

TOTAL METALS
EPA 200.8

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: MW06-20250422						
Laboratory ID:	04-353-01					
Iron	3000	50	EPA 6010D	4-30-25	4-30-25	
Manganese	1100	10	EPA 6010D	4-30-25	4-30-25	

Client ID: MW19-20250422						
Laboratory ID:	04-353-02					
Iron	ND	50	EPA 6010D	4-30-25	4-30-25	
Manganese	33	10	EPA 6010D	4-30-25	4-30-25	

Client ID: MW34-20250422						
Laboratory ID:	04-353-05					
Iron	310	50	EPA 6010D	4-30-25	4-30-25	
Manganese	73	10	EPA 6010D	4-30-25	4-30-25	

Client ID: MW11-20250422						
Laboratory ID:	04-353-06					
Iron	250	50	EPA 6010D	4-30-25	4-30-25	
Manganese	810	10	EPA 6010D	4-30-25	4-30-25	

Client ID: MW13-20250422						
Laboratory ID:	04-353-07					
Iron	420	50	EPA 6010D	4-30-25	4-30-25	
Manganese	340	10	EPA 6010D	4-30-25	4-30-25	

Client ID: MW35-20250422						
Laboratory ID:	04-353-08					
Iron	ND	50	EPA 6010D	4-30-25	4-30-25	
Manganese	41	10	EPA 6010D	4-30-25	4-30-25	



Date of Report: May 13, 2025
 Samples Submitted: April 22, 2025
 Laboratory Reference: 2504-353
 Project: 0651-002

**TOTAL METALS
 EPA 200.8
 QUALITY CONTROL**

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0430WH1					
Iron	ND	50	EPA 6010D	4-30-25	4-30-25	
Manganese	ND	10	EPA 6010D	4-30-25	4-30-25	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	04-409-01							
	ORIG	DUP						
Iron	247	231	NA	NA	NA	NA	7	20
Manganese	10.2	10.2	NA	NA	NA	NA	0	20

MATRIX SPIKES

Laboratory ID:	04-409-01									
	MS	MSD	MS	MSD		MS	MSD			
Iron	22000	21400	20000	20000	247	109	106	75-125	3	20
Manganese	552	537	500	500	10.2	108	105	75-125	3	20





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



OnSite Environmental Inc

David Baumeister
14648 NE 95th Street
Redmond, WA 98052

RE: The Hearthstone, 0651-002

Work Order Number: 2504551

April 29, 2025

Attention David Baumeister:

Alliance Technical Group, LLC - Seattle received 6 sample(s) on 4/22/2025 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,



Kelley Lovejoy
Project Manager

*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





Date: 04/29/2025

CLIENT: OnSite Environmental Inc
Project: The Hearthstone
Work Order: 2504551

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2504551-001	MW06-20250422	04/22/2025 10:15 AM	04/22/2025 3:41 PM
2504551-002	MW19-20250422	04/22/2025 9:25 AM	04/22/2025 3:41 PM
2504551-003	MW34-20250422	04/22/2025 12:20 PM	04/22/2025 3:41 PM
2504551-004	MW11-20250422	04/22/2025 12:50 PM	04/22/2025 3:41 PM
2504551-005	MW13-20250422	04/22/2025 10:45 AM	04/22/2025 3:41 PM
2504551-006	MW35-20250422	04/22/2025 1:50 PM	04/22/2025 3:41 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: 2504551-001 **Collection Date:** 4/22/2025 10:15:00 AM
Client Sample ID: MW06-20250422 **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<u>Ferrous Iron by SM3500-Fe B</u>				Batch ID: R99160		Analyst: JH
Ferrous Iron	4.44	0.750	D	mg/L	5	4/23/2025 8:10:14 AM

Lab ID: 2504551-002 **Collection Date:** 4/22/2025 9:25:00 AM
Client Sample ID: MW19-20250422 **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<u>Ferrous Iron by SM3500-Fe B</u>				Batch ID: R99160		Analyst: JH
Ferrous Iron	ND	0.150		mg/L	1	4/23/2025 8:10:14 AM

Lab ID: 2504551-003 **Collection Date:** 4/22/2025 12:20:00 PM
Client Sample ID: MW34-20250422 **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<u>Ferrous Iron by SM3500-Fe B</u>				Batch ID: R99160		Analyst: JH
Ferrous Iron	ND	0.150		mg/L	1	4/23/2025 8:10:14 AM

Lab ID: 2504551-004 **Collection Date:** 4/22/2025 12:50:00 PM
Client Sample ID: MW11-20250422 **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<u>Ferrous Iron by SM3500-Fe B</u>				Batch ID: R99160		Analyst: JH
Ferrous Iron	ND	0.150		mg/L	1	4/23/2025 8:10:14 AM

CLIENT: OnSite Environmental Inc
Project: The Hearthstone

Lab ID: 2504551-005

Client Sample ID: MW13-20250422

Collection Date: 4/22/2025 10:45:00 AM

Matrix: Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Ferrous Iron by SM3500-Fe B

Batch ID: R99160 Analyst: JH

Ferrous Iron	0.422	0.150		mg/L	1	4/23/2025 8:10:14 AM
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Lab ID: 2504551-006

Client Sample ID: MW35-20250422

Collection Date: 4/22/2025 1:50:00 PM

Matrix: Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Ferrous Iron by SM3500-Fe B

Batch ID: R99160 Analyst: JH

Ferrous Iron	ND	0.150		mg/L	1	4/23/2025 8:10:14 AM
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Work Order: 2504551
CLIENT: OnSite Environmental Inc
Project: The Hearthstone

QC SUMMARY REPORT

Ferrous Iron by SM3500-Fe B

Sample ID: MB-R99160		SampType: MBLK			Units: mg/L		Prep Date: 4/23/2025			RunNo: 99160		
Client ID: MBLKW		Batch ID: R99160			Analysis Date: 4/23/2025				SeqNo: 2065229			
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-R99160		SampType: LCS			Units: mg/L		Prep Date: 4/23/2025			RunNo: 99160		
Client ID: LCSW		Batch ID: R99160			Analysis Date: 4/23/2025			SeqNo: 2065230				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Ferrous Iron 0.438 0.150 0.4000 0 109 85 115

Sample ID: 2504551-006ADUP		SampType: DUP			Units: mg/L		Prep Date: 4/23/2025			RunNo: 99160		
Client ID: MW35-20250422		Batch ID: R99160			Analysis Date: 4/23/2025				SeqNo: 2065237			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Ferrous Iron ND 0.150 0 20

Sample ID: 2504551-006AMS		SampType: MS			Units: mg/L		Prep Date: 4/23/2025			RunNo: 99160		
Client ID: MW35-20250422		Batch ID: R99160			Analysis Date: 4/23/2025			SeqNo: 2065238				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Ferrous Iron 0.601 0.150 0.4000 0.07298 132 70 130 S

NOTES:

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

Sample ID: 2504551-006AMSD		SampType: MSD			Units: mg/L		Prep Date: 4/23/2025			RunNo: 99160		
Client ID: MW35-20250422		Batch ID: R99160			Analysis Date: 4/23/2025				SeqNo: 2065239			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Ferrous Iron 0.592 0.150 0.4000 0.07298 130 70 130 0.6010 1.58 30

Client Name: ONSITE

Work Order Number: 2504551

Logged by: Morgan Wilson

Date Received: 4/22/2025 3:41:00 PM

Chain of Custody

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

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	6.0

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

Analytical Results

SiREM File Reference: S-11126

Client: OnSite Environmental Inc.
Client Project Number: 0651-002
Date Samples Received: April 24, 2025
Date Samples Analyzed: May 1, 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
MW06-20250422	25-22147	22-Apr-25	50x	<0.50	0.78 J	<0.30	0.33 J	<0.15	<0.50
MW19-20250422	25-22148	22-Apr-25	50x	<0.50	0.65 J	<0.30	<0.30	<0.15	<0.50
MW34-20250422	25-22149	22-Apr-25	50x	<0.50	0.56 J	<0.30	0.42 J	<0.15	<0.50
MW11-20250422	25-22150	22-Apr-25	50x	<0.50	<0.50	<0.30	<0.30	<0.15	<0.50
MW13-20250422	25-22151	22-Apr-25	50x	<0.50	0.69J	<0.30	0.34 J	<0.15	<0.50
MW35-20250422	25-22152	22-Apr-25	50x	<0.50	0.55 J	<0.30	<0.30	<0.15	<0.50
MDL				50	0.50	0.50	0.30	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:

Brooke Rapien

Brooke Rapien, B.Sc.
Senior Laboratory Technician I

Results approved:

Kela Ashworth

Kela Ashworth, B.Sc.
Scientist

Date:

May 8, 2025



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

Laboratory: SiREM Laboratory

Attention: Ximena Druan

Address: 180A Market Place Blvd.

Address: Knoxville, TN 37922

Phone Number: (865) 330-0037

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other: _____

S-11126

Page 1 of 1

Laboratory Reference #: 04-353

Project Manager: David Baumeister

email: dbaumeister@onsite-env.com

Project Number: 0651-002

Project Name: _____

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
	MW06-20250422	4/22/25	10:15	W	3	Volatile Organic Fatty Acids ✓
	MW19-20250422	4/22/25	9:25	W	3	Volatile Organic Fatty Acids ✓
	MW34-20250422	4/22/25	12:20	W	3	Volatile Organic Fatty Acids ✓
	MW11-20250422	4/22/25	12:50	W	3	Volatile Organic Fatty Acids ✓
	MW13-20250422	4/22/25	10:45	W	3	Volatile Organic Fatty Acids ✓
	MW35-20250422	4/22/25	13:50	W	3	Volatile Organic Fatty Acids ✓
Signature		Company		Date	Time	Comments/Special Instructions
Relinquished by:		OPE		4/23/25	1600	2.8°C (KX00238) EIM PLEASE RETURN BLUE ICE
Received by:		URS				
Relinquished by:		URS				
Received by:		SiREM		4-24-25	1126	
Relinquished by:						
Received by:						



COPY

S-11126

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

Laboratory: SiREM Laboratory

Attention: Ximena Druan

Address: 180A Market Place Blvd.

Address: Knoxville, TN 37922

Phone Number: (865) 330-0037

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other: _____

Laboratory Reference #: 04-353

Project Manager: David Baumeister

email: dbaumeister@onsite-env.com

Project Number: 0651-002

Project Name: _____

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
	MW06-20250422	4/22/25	10:15	W	3 1	Volatile Organic Fatty Acids ✓
	MW19-20250422	4/22/25	9:25	W	3 1	Volatile Organic Fatty Acids ✓
	MW34-20250422	4/22/25	12:20	W	3 1	Volatile Organic Fatty Acids ✓
	MW11-20250422	4/22/25	12:50	W	3 1	Volatile Organic Fatty Acids ✓
	MW13-20250422	4/22/25	10:45	W	3 1	Volatile Organic Fatty Acids ✓
	MW35-20250422	4/22/25	13:50	W	3 1	Volatile Organic Fatty Acids ✓
Signature		Company		Date	Time	Comments/Special Instructions
Relinquished by:		OPE		4/23/25	1600	2.8°C (KX00238) EIM 7.5°C PLEASE RETURN BLUE ICE
Received by:		UPS				
Relinquished by:		UPS				
Received by:		SiREM		4-24-25	1126	
Relinquished by:		SiREM		4-24-25	1600	
Received by:		SiREM		4-30-25	1435	

Sample/Cooler Receipt and Acceptance Checklist

Client: SES
 Client Project Name/Number: 0651-002
 OnSite Project Number: 04-353

Initiated by: MM
 Date Initiated: 4/22/25

1.0 Cooler Verification

1.1 Were there custody seals on the outside of the cooler?	Yes	<u>No</u>	N/A	1 2 3 4
1.2 Were the custody seals intact?	Yes	No	<u>N/A</u>	1 2 3 4
1.3 Were the custody seals signed and dated by last custodian?	Yes	No	<u>N/A</u>	1 2 3 4
1.4 Were the samples delivered on ice or blue ice?	<u>Yes</u>	No	N/A	1 2 3 4
1.5 Were samples received between 0-6 degrees Celsius?	<u>Yes</u>	No	N/A	Temperature: <u>5</u>
1.6 Have shipping bills (if any) been attached to the back of this form?	Yes	<u>N/A</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	1 2 3 4
2.2 Was the COC legible and written in permanent ink?	<u>Yes</u>	No	1 2 3 4
2.3 Have samples been relinquished and accepted by each custodian?	<u>Yes</u>	No	1 2 3 4
2.4 Did the sample labels (ID, date, time, preservative) agree with COC?	<u>Yes</u>	No	1 2 3 4
2.5 Were all of the samples listed on the COC submitted?	<u>Yes</u>	No	1 2 3 4
2.6 Were any of the samples submitted omitted from the COC?	Yes	<u>No</u>	1 2 3 4

3.0 Sample Verification

3.1 Were any sample containers broken or compromised?	Yes	<u>No</u>	1 2 3 4
3.2 Were any sample labels missing or illegible?	Yes	<u>No</u>	1 2 3 4
3.3 Have the correct containers been used for each analysis requested?	<u>Yes</u>	No	1 2 3 4
3.4 Have the samples been correctly preserved?	<u>Yes</u>	No	N/A 1 2 3 4
3.5 Are volatile samples free from headspace and bubbles greater than 6mm?	<u>Yes</u>	No	N/A 1 2 3 4
3.6 Is there sufficient sample submitted to perform requested analyses?	<u>Yes</u>	No	1 2 3 4
3.7 Have any holding times already expired or will expire in 24 hours?	<u>Yes</u>	No	1 2 3 4
3.8 Was method 5035A used?	Yes	No	<u>N/A</u> 1 2 3 4
3.9 If 5035A was used, which sampling option was used (#1, 2, or 3).	#		<u>N/A</u> 1 2 3 4

Explain any discrepancies:

3.7) Ferrous Iron will expire < 24 hrs

1 - Discuss issue in Case Narrative

2 - Process Sample As-is

3 - Client contacted to discuss problem

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



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

April 24, 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. 2504-354

Dear Tom:

Enclosed are the analytical results and associated quality control data for samples submitted on April 22, 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: April 24, 2025
Samples Submitted: April 22, 2025
Laboratory Reference: 2504-354
Project: 0651-002

Case Narrative

Samples were collected on April 21, 2025 and received by the laboratory on April 22, 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: April 24, 2025
 Samples Submitted: April 22, 2025
 Laboratory Reference: 2504-354
 Project: 0651-002

VOLATILE ORGANICS EPA 8260D

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: IW07-20250421						
Laboratory ID: 04-354-01						
Vinyl Chloride	ND	0.20	EPA 8260D	4-23-25	4-23-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-23-25	4-23-25	
(cis) 1,2-Dichloroethene	0.99	0.20	EPA 8260D	4-23-25	4-23-25	
Trichloroethene	ND	0.20	EPA 8260D	4-23-25	4-23-25	
Tetrachloroethene	ND	0.20	EPA 8260D	4-23-25	4-23-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>91</i>	<i>68-133</i>				
<i>Toluene-d8</i>	<i>98</i>	<i>79-123</i>				
<i>4-Bromofluorobenzene</i>	<i>99</i>	<i>78-117</i>				

Client ID: IW08-20250421						
Laboratory ID: 04-354-02						
Vinyl Chloride	1.4	0.40	EPA 8260D	4-23-25	4-23-25	
(trans) 1,2-Dichloroethene	ND	0.40	EPA 8260D	4-23-25	4-23-25	
(cis) 1,2-Dichloroethene	37	0.40	EPA 8260D	4-23-25	4-23-25	
Trichloroethene	0.88	0.40	EPA 8260D	4-23-25	4-23-25	
Tetrachloroethene	1.3	0.40	EPA 8260D	4-23-25	4-23-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>90</i>	<i>68-133</i>				
<i>Toluene-d8</i>	<i>98</i>	<i>79-123</i>				
<i>4-Bromofluorobenzene</i>	<i>100</i>	<i>78-117</i>				

Client ID: IW15-20250421						
Laboratory ID: 04-354-03						
Vinyl Chloride	5.7	0.40	EPA 8260D	4-23-25	4-23-25	
(trans) 1,2-Dichloroethene	ND	0.40	EPA 8260D	4-23-25	4-23-25	
(cis) 1,2-Dichloroethene	43	0.40	EPA 8260D	4-23-25	4-23-25	
Trichloroethene	1.6	0.40	EPA 8260D	4-23-25	4-23-25	
Tetrachloroethene	0.59	0.40	EPA 8260D	4-23-25	4-23-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>89</i>	<i>68-133</i>				
<i>Toluene-d8</i>	<i>98</i>	<i>79-123</i>				
<i>4-Bromofluorobenzene</i>	<i>99</i>	<i>78-117</i>				



Date of Report: April 24, 2025
 Samples Submitted: April 22, 2025
 Laboratory Reference: 2504-354
 Project: 0651-002

VOLATILE ORGANICS EPA 8260D

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: IW16-20250421						
Laboratory ID: 04-354-04						
Vinyl Chloride	1.2	0.20	EPA 8260D	4-23-25	4-23-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-23-25	4-23-25	
(cis) 1,2-Dichloroethene	2.1	0.20	EPA 8260D	4-23-25	4-23-25	
Trichloroethene	0.77	0.20	EPA 8260D	4-23-25	4-23-25	
Tetrachloroethene	ND	0.20	EPA 8260D	4-23-25	4-23-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	90	68-133				
<i>Toluene-d8</i>	97	79-123				
<i>4-Bromofluorobenzene</i>	99	78-117				

Client ID: IW21-20250421						
Laboratory ID: 04-354-05						
Vinyl Chloride	1.3	0.20	EPA 8260D	4-23-25	4-23-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-23-25	4-23-25	
(cis) 1,2-Dichloroethene	0.58	0.20	EPA 8260D	4-23-25	4-23-25	
Trichloroethene	0.21	0.20	EPA 8260D	4-23-25	4-23-25	
Tetrachloroethene	ND	0.20	EPA 8260D	4-23-25	4-23-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	89	68-133				
<i>Toluene-d8</i>	97	79-123				
<i>4-Bromofluorobenzene</i>	99	78-117				

Client ID: IW22-20250421						
Laboratory ID: 04-354-06						
Vinyl Chloride	3.1	0.20	EPA 8260D	4-23-25	4-23-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-23-25	4-23-25	
(cis) 1,2-Dichloroethene	4.6	0.20	EPA 8260D	4-23-25	4-23-25	
Trichloroethene	ND	0.20	EPA 8260D	4-23-25	4-23-25	
Tetrachloroethene	ND	0.20	EPA 8260D	4-23-25	4-23-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	88	68-133				
<i>Toluene-d8</i>	97	79-123				
<i>4-Bromofluorobenzene</i>	99	78-117				



Date of Report: April 24, 2025
 Samples Submitted: April 22, 2025
 Laboratory Reference: 2504-354
 Project: 0651-002

VOLATILE ORGANICS EPA 8260D

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: IW31-20250421						
Laboratory ID: 04-354-07						
Vinyl Chloride	0.25	0.20	EPA 8260D	4-23-25	4-23-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-23-25	4-23-25	
(cis) 1,2-Dichloroethene	4.3	0.20	EPA 8260D	4-23-25	4-23-25	
Trichloroethene	ND	0.20	EPA 8260D	4-23-25	4-23-25	
Tetrachloroethene	ND	0.20	EPA 8260D	4-23-25	4-23-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	90	68-133				
<i>Toluene-d8</i>	97	79-123				
<i>4-Bromofluorobenzene</i>	100	78-117				

Client ID: IW32-20250421						
Laboratory ID: 04-354-08						
Vinyl Chloride	1300	20	EPA 8260D	4-23-25	4-23-25	
(trans) 1,2-Dichloroethene	ND	20	EPA 8260D	4-23-25	4-23-25	
(cis) 1,2-Dichloroethene	2700	20	EPA 8260D	4-23-25	4-23-25	
Trichloroethene	ND	20	EPA 8260D	4-23-25	4-23-25	
Tetrachloroethene	ND	20	EPA 8260D	4-23-25	4-23-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	89	68-133				
<i>Toluene-d8</i>	97	79-123				
<i>4-Bromofluorobenzene</i>	99	78-117				

Client ID: IW33-20250421						
Laboratory ID: 04-354-09						
Vinyl Chloride	3.4	0.20	EPA 8260D	4-23-25	4-23-25	
(trans) 1,2-Dichloroethene	0.43	0.20	EPA 8260D	4-23-25	4-23-25	
(cis) 1,2-Dichloroethene	46	0.20	EPA 8260D	4-23-25	4-23-25	
Trichloroethene	0.52	0.20	EPA 8260D	4-23-25	4-23-25	
Tetrachloroethene	0.76	0.20	EPA 8260D	4-23-25	4-23-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	90	68-133				
<i>Toluene-d8</i>	97	79-123				
<i>4-Bromofluorobenzene</i>	100	78-117				



Date of Report: April 24, 2025
 Samples Submitted: April 22, 2025
 Laboratory Reference: 2504-354
 Project: 0651-002

VOLATILE ORGANICS EPA 8260D

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: IW34-20250421						
Laboratory ID: 04-354-10						
Vinyl Chloride	3200	40	EPA 8260D	4-23-25	4-23-25	
(trans) 1,2-Dichloroethene	150	40	EPA 8260D	4-23-25	4-23-25	
(cis) 1,2-Dichloroethene	7400	40	EPA 8260D	4-23-25	4-23-25	
Trichloroethene	ND	40	EPA 8260D	4-23-25	4-23-25	
Tetrachloroethene	ND	40	EPA 8260D	4-23-25	4-23-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>91</i>	<i>68-133</i>				
<i>Toluene-d8</i>	<i>97</i>	<i>79-123</i>				
<i>4-Bromofluorobenzene</i>	<i>98</i>	<i>78-117</i>				

Client ID: IW55-20250421						
Laboratory ID: 04-354-11						
Vinyl Chloride	0.78	0.20	EPA 8260D	4-23-25	4-23-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-23-25	4-23-25	
(cis) 1,2-Dichloroethene	1.1	0.20	EPA 8260D	4-23-25	4-23-25	
Trichloroethene	ND	0.20	EPA 8260D	4-23-25	4-23-25	
Tetrachloroethene	ND	0.20	EPA 8260D	4-23-25	4-23-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>88</i>	<i>68-133</i>				
<i>Toluene-d8</i>	<i>97</i>	<i>79-123</i>				
<i>4-Bromofluorobenzene</i>	<i>100</i>	<i>78-117</i>				

Client ID: IW57-20250421						
Laboratory ID: 04-354-12						
Vinyl Chloride	ND	0.20	EPA 8260D	4-23-25	4-23-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-23-25	4-23-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-23-25	4-23-25	
Trichloroethene	ND	0.20	EPA 8260D	4-23-25	4-23-25	
Tetrachloroethene	ND	0.20	EPA 8260D	4-23-25	4-23-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>90</i>	<i>68-133</i>				
<i>Toluene-d8</i>	<i>97</i>	<i>79-123</i>				
<i>4-Bromofluorobenzene</i>	<i>100</i>	<i>78-117</i>				



Date of Report: April 24, 2025
 Samples Submitted: April 22, 2025
 Laboratory Reference: 2504-354
 Project: 0651-002

VOLATILE ORGANICS EPA 8260D

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: IW59-20250421						
Laboratory ID: 04-354-13						
Vinyl Chloride	1.6	0.20	EPA 8260D	4-23-25	4-23-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-23-25	4-23-25	
(cis) 1,2-Dichloroethene	3.0	0.20	EPA 8260D	4-23-25	4-23-25	
Trichloroethene	ND	0.20	EPA 8260D	4-23-25	4-23-25	
Tetrachloroethene	ND	0.20	EPA 8260D	4-23-25	4-23-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>91</i>	<i>68-133</i>				
<i>Toluene-d8</i>	<i>97</i>	<i>79-123</i>				
<i>4-Bromofluorobenzene</i>	<i>100</i>	<i>78-117</i>				

Client ID: IW60-20250421						
Laboratory ID: 04-354-14						
Vinyl Chloride	ND	0.20	EPA 8260D	4-23-25	4-23-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-23-25	4-23-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-23-25	4-23-25	
Trichloroethene	ND	0.20	EPA 8260D	4-23-25	4-23-25	
Tetrachloroethene	ND	0.20	EPA 8260D	4-23-25	4-23-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>88</i>	<i>68-133</i>				
<i>Toluene-d8</i>	<i>97</i>	<i>79-123</i>				
<i>4-Bromofluorobenzene</i>	<i>99</i>	<i>78-117</i>				

Client ID: IW61-20250421						
Laboratory ID: 04-354-15						
Vinyl Chloride	76	0.80	EPA 8260D	4-23-25	4-23-25	
(trans) 1,2-Dichloroethene	ND	0.80	EPA 8260D	4-23-25	4-23-25	
(cis) 1,2-Dichloroethene	140	0.80	EPA 8260D	4-23-25	4-23-25	
Trichloroethene	ND	0.80	EPA 8260D	4-23-25	4-23-25	
Tetrachloroethene	ND	0.80	EPA 8260D	4-23-25	4-23-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>88</i>	<i>68-133</i>				
<i>Toluene-d8</i>	<i>97</i>	<i>79-123</i>				
<i>4-Bromofluorobenzene</i>	<i>100</i>	<i>78-117</i>				



Date of Report: April 24, 2025
 Samples Submitted: April 22, 2025
 Laboratory Reference: 2504-354
 Project: 0651-002

**VOLATILE ORGANICS EPA 8260D
 QUALITY CONTROL**

Matrix: Water

Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0423W2					
Vinyl Chloride	ND	0.20	EPA 8260D	4-23-25	4-23-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-23-25	4-23-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-23-25	4-23-25	
Trichloroethene	ND	0.20	EPA 8260D	4-23-25	4-23-25	
Tetrachloroethene	ND	0.20	EPA 8260D	4-23-25	4-23-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	90	68-133				
<i>Toluene-d8</i>	97	79-123				
<i>4-Bromofluorobenzene</i>	99	78-117				

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0423W2									
	SB	SBD	SB	SBD	SB	SBD				
Vinyl Chloride	10.9	10.8	10.0	10.0	109	108	67-130	1	15	
(trans) 1,2-Dichloroethene	9.54	9.56	10.0	10.0	95	96	77-125	0	15	
(cis) 1,2-Dichloroethene	9.52	9.59	10.0	10.0	95	96	78-130	1	15	
Trichloroethene	11.1	11.4	10.0	10.0	111	114	80-126	3	15	
Tetrachloroethene	11.0	11.5	10.0	10.0	110	115	80-125	4	15	
Surrogate:										
Dibromofluoromethane					91	90	68-133			
Toluene-d8					99	99	79-123			
4-Bromofluorobenzene					103	101	78-117			





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





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

Chain of Custody

Turnaround Request
(in working days)

Laboratory Number: **04-354**

Company: **SoundEarth Strategies**

Project Number: **0651-002**

Project Name: **The Hearthstone**

Project Manager: **Tom Cammarata**

Sampled by: **Linnea Coleman**

☐ Same Day ☐ 1 Day

☐ 2 Days ☐ 3 Days

☒ Standard (7 Days)

☐ (other)

Lab ID

Date Sampled

Time Sampled

Matrix

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

11 IW55-20250421
12 IW57-20250421
13 IW59-20250421
14 IW60-20250421
15 IW61-20250421

4/21/25 1430 1120 3
1435
1440
1445
1450

X
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Signature

Company

Date

Time

Comments/Special Instructions

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

Data Package: Standard ☐ Level III ☐ Level IV ☐

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

Received

Relinquished

Received

Relinquished

Received

Relinquished

Received

Relinquished

Received

Relinquished

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Relinquished

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Relinquished

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Relinquished

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Relinquished

Received

Relinquished

Sample/Cooler Receipt and Acceptance Checklist

Client: SES

Client Project Name/Number: 0657-002

OnSite Project Number: 04-354

Initiated by: MM

Date Initiated: 4/22/25

1.0 Cooler Verification

1.1 Were there custody seals on the outside of the cooler?	Yes	<u>No</u>	N/A	1	2	3	4
1.2 Were the custody seals intact?	Yes	No	<u>N/A</u>	1	2	3	4
1.3 Were the custody seals signed and dated by last custodian?	Yes	No	<u>N/A</u>	1	2	3	4
1.4 Were the samples delivered on ice or blue ice?	<u>Yes</u>	No	N/A	1	2	3	4
1.5 Were samples received between 0-6 degrees Celsius?	<u>Yes</u>	No	N/A	Temperature: <u>5</u>			
1.6 Have shipping bills (if any) been attached to the back of this form?	Yes	<u>N/A</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	1	2	3	4
2.2 Was the COC legible and written in permanent ink?	<u>Yes</u>	No	1	2	3	4
2.3 Have samples been relinquished and accepted by each custodian?	<u>Yes</u>	No	1	2	3	4
2.4 Did the sample labels (ID, date, time, preservative) agree with COC?	Yes	<u>No</u>	1	2	3	4
2.5 Were all of the samples listed on the COC submitted?	<u>Yes</u>	No	1	2	3	4
2.6 Were any of the samples submitted omitted from the COC?	Yes	<u>No</u>	1	2	3	4

3.0 Sample Verification

3.1 Were any sample containers broken or compromised?	Yes	<u>No</u>	1	2	3	4	
3.2 Were any sample labels missing or illegible?	<u>Yes</u>	No	1	2	3	4	
3.3 Have the correct containers been used for each analysis requested?	<u>Yes</u>	No	1	2	3	4	
3.4 Have the samples been correctly preserved?	<u>Yes</u>	No	N/A	1	2	3	4
3.5 Are volatile samples free from headspace and bubbles greater than 6mm?	<u>Yes</u>	No	N/A	1	2	3	4
3.6 Is there sufficient sample submitted to perform requested analyses?	<u>Yes</u>	No	1	2	3	4	
3.7 Have any holding times already expired or will expire in 24 hours?	Yes	<u>No</u>	1	2	3	4	
3.8 Was method 5035A used?	Yes	No	<u>N/A</u>	1	2	3	4
3.9 If 5035A was used, which sampling option was used (#1, 2, or 3).	#		<u>N/A</u>	1	2	3	4

Explain any discrepancies:

2.4 & 3.2) #7) 1 vial unlabeled

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

May 13, 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. 2504-378

Dear Tom:

Enclosed are the analytical results and associated quality control data for samples submitted on April 23, 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: May 13, 2025
Samples Submitted: April 23, 2025
Laboratory Reference: 2504-378
Project: 0651-002

Case Narrative

Samples were collected on April 22 and 23, 2025 and received by the laboratory on April 23, 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: May 13, 2025
 Samples Submitted: April 23, 2025
 Laboratory Reference: 2504-378
 Project: 0651-002

VOLATILE ORGANICS EPA 8260D

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: MW03-20250423						
Laboratory ID: 04-378-01						
Vinyl Chloride	0.76	0.20	EPA 8260D	4-24-25	4-24-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
(cis) 1,2-Dichloroethene	4.4	0.20	EPA 8260D	4-24-25	4-24-25	
Trichloroethene	3.9	0.20	EPA 8260D	4-24-25	4-24-25	
Tetrachloroethene	2.1	0.20	EPA 8260D	4-24-25	4-24-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>84</i>	<i>68-133</i>				
<i>Toluene-d8</i>	<i>97</i>	<i>79-123</i>				
<i>4-Bromofluorobenzene</i>	<i>97</i>	<i>78-117</i>				

Client ID: MW05-20250423						
Laboratory ID: 04-378-02						
Vinyl Chloride	1.2	0.20	EPA 8260D	4-24-25	4-24-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
(cis) 1,2-Dichloroethene	0.47	0.20	EPA 8260D	4-24-25	4-24-25	
Trichloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
Tetrachloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>82</i>	<i>68-133</i>				
<i>Toluene-d8</i>	<i>96</i>	<i>79-123</i>				
<i>4-Bromofluorobenzene</i>	<i>95</i>	<i>78-117</i>				

Client ID: MW24-20250423						
Laboratory ID: 04-378-03						
Vinyl Chloride	0.50	0.20	EPA 8260D	4-24-25	4-24-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
Trichloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
Tetrachloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>83</i>	<i>68-133</i>				
<i>Toluene-d8</i>	<i>97</i>	<i>79-123</i>				
<i>4-Bromofluorobenzene</i>	<i>97</i>	<i>78-117</i>				



Date of Report: May 13, 2025
 Samples Submitted: April 23, 2025
 Laboratory Reference: 2504-378
 Project: 0651-002

VOLATILE ORGANICS EPA 8260D

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: MW32-20250423						
Laboratory ID: 04-378-04						
Vinyl Chloride	0.29	0.20	EPA 8260D	4-24-25	4-24-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
Trichloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
Tetrachloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	83	68-133				
<i>Toluene-d8</i>	96	79-123				
<i>4-Bromofluorobenzene</i>	95	78-117				

Client ID: MW36-20250423						
Laboratory ID: 04-378-05						
Vinyl Chloride	ND	0.20	EPA 8260D	4-24-25	4-24-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
Trichloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
Tetrachloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	83	68-133				
<i>Toluene-d8</i>	97	79-123				
<i>4-Bromofluorobenzene</i>	97	78-117				

Client ID: MW29-20250423						
Laboratory ID: 04-378-06						
Vinyl Chloride	ND	0.20	EPA 8260D	4-24-25	4-24-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
Trichloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
Tetrachloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	82	68-133				
<i>Toluene-d8</i>	97	79-123				
<i>4-Bromofluorobenzene</i>	95	78-117				



Date of Report: May 13, 2025
 Samples Submitted: April 23, 2025
 Laboratory Reference: 2504-378
 Project: 0651-002

VOLATILE ORGANICS EPA 8260D

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: MW33-20250422						
Laboratory ID: 04-378-07						
Vinyl Chloride	ND	0.20	EPA 8260D	4-24-25	4-24-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
Trichloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
Tetrachloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	81	68-133				
<i>Toluene-d8</i>	97	79-123				
<i>4-Bromofluorobenzene</i>	97	78-117				

Client ID: MW37-20250423						
Laboratory ID: 04-378-08						
Vinyl Chloride	ND	0.20	EPA 8260D	4-24-25	4-24-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
Trichloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
Tetrachloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	82	68-133				
<i>Toluene-d8</i>	97	79-123				
<i>4-Bromofluorobenzene</i>	97	78-117				



Date of Report: May 13, 2025
 Samples Submitted: April 23, 2025
 Laboratory Reference: 2504-378
 Project: 0651-002

**VOLATILE ORGANICS EPA 8260D
 QUALITY CONTROL**

Matrix: Water

Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0424W2					
Vinyl Chloride	ND	0.20	EPA 8260D	4-24-25	4-24-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
Trichloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
Tetrachloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
<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>	97	78-117				

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD		
					Recovery	Limits	RPD	Limit	Flags	
SPIKE BLANKS										
Laboratory ID:	SB0424W2									
	SB	SBD	SB	SBD	SB	SBD				
Vinyl Chloride	9.95	9.69	10.0	10.0	100	97	67-130	3	15	
(trans) 1,2-Dichloroethene	9.04	8.87	10.0	10.0	90	89	77-125	2	15	
(cis) 1,2-Dichloroethene	8.96	8.85	10.0	10.0	90	89	78-130	1	15	
Trichloroethene	11.1	11.2	10.0	10.0	111	112	80-126	1	15	
Tetrachloroethene	11.4	11.2	10.0	10.0	114	112	80-125	2	15	
Surrogate:										
Dibromofluoromethane					85	85	68-133			
Toluene-d8					98	98	79-123			
4-Bromofluorobenzene					100	103	78-117			



Date of Report: May 13, 2025
 Samples Submitted: April 23, 2025
 Laboratory Reference: 2504-378
 Project: 0651-002

DISSOLVED GASES
RSK 175

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	MW05-20250423					
Laboratory ID:	04-378-02					
Methane	1900	17	RSK 175	4-29-25	4-29-25	
Ethane	ND	0.56	RSK 175	4-29-25	4-29-25	
Ethene	ND	0.58	RSK 175	4-29-25	4-29-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>1-Butene</i>	<i>131</i>	<i>50-150</i>				

Client ID:	MW32-20250423					
Laboratory ID:	04-378-04					
Methane	1900	17	RSK 175	4-29-25	4-29-25	
Ethane	ND	0.56	RSK 175	4-29-25	4-29-25	
Ethene	ND	0.58	RSK 175	4-29-25	4-29-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>1-Butene</i>	<i>132</i>	<i>50-150</i>				



Date of Report: May 13, 2025
 Samples Submitted: April 23, 2025
 Laboratory Reference: 2504-378
 Project: 0651-002

**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:	MB0429W1					
Methane	ND	0.55	RSK 175	4-29-25	4-29-25	
Ethane	ND	0.56	RSK 175	4-29-25	4-29-25	
Ethene	ND	0.58	RSK 175	4-29-25	4-29-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>1-Butene</i>	<i>134</i>	<i>50-150</i>				

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANK										
Laboratory ID:	SB0429W1									
	SB	SBD	SB	SBD	SB	SBD				
Methane	39.2	41.3	44.2	44.2	89	93	75-125	5	25	
Ethane	76.0	80.8	83.2	83.2	91	97	75-125	6	25	
Ethene	84.1	89.2	77.7	77.7	108	115	75-125	6	25	
Surrogate:										
1-Butene					99	110	50-150			



Date of Report: May 13, 2025
Samples Submitted: April 23, 2025
Laboratory Reference: 2504-378
Project: 0651-002

SULFATE
ASTM D516-11

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	MW05-20250423					
Laboratory ID:	04-378-02					
Sulfate	ND	5.0	ASTM D516-16	4-28-25	4-28-25	

Client ID:	MW32-20250423					
Laboratory ID:	04-378-04					
Sulfate	30	10	ASTM D516-16	4-28-25	4-28-25	



Date of Report: May 13, 2025
 Samples Submitted: April 23, 2025
 Laboratory Reference: 2504-378
 Project: 0651-002

**SULFATE
 ASTM D516-11
 QUALITY CONTROL**

Matrix: Water

Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0428W1					
Sulfate	ND	5.0	ASTM D516-16	4-28-25	4-28-25	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	04-370-01							
	ORIG	DUP						
Sulfate	ND	ND	NA	NA	NA	NA	NA	11

MATRIX SPIKE

Laboratory ID:	04-370-01							
	MS	MS		MS				
Sulfate	12.1	10.0	ND	121	69-134	NA	NA	

SPIKE BLANK

Laboratory ID:	SB0428W1							
	SB	SB		SB				
Sulfate	9.60	10.0	NA	96	81-106	NA	NA	



Date of Report: May 13, 2025
 Samples Submitted: April 23, 2025
 Laboratory Reference: 2504-378
 Project: 0651-002

CHLORIDE
SM 4500-Cl E

Matrix: Water
 Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	MW05-20250423					
Laboratory ID:	04-378-02					
Chloride	33	2.0	SM 4500-Cl E	4-25-25	4-25-25	

Client ID:	MW32-20250423					
Laboratory ID:	04-378-04					
Chloride	16	2.0	SM 4500-Cl E	4-25-25	4-25-25	



Date of Report: May 13, 2025
 Samples Submitted: April 23, 2025
 Laboratory Reference: 2504-378
 Project: 0651-002

**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:	MB0425W1					
Chloride	ND	2.0	SM 4500-Cl E	4-25-25	4-25-25	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	04-367-01							
	ORIG	DUP						
Chloride	7.91	8.03	NA	NA	NA	NA	2	21

MATRIX SPIKE

Laboratory ID:	04-367-01							
	MS	MS		MS				
Chloride	61.3	50.0	7.91	107	81-115	NA	NA	

SPIKE BLANK

Laboratory ID:	SB0425W1							
	SB	SB		SB				
Chloride	50.1	50.0	NA	100	77-115	NA	NA	



Date of Report: May 13, 2025
 Samples Submitted: April 23, 2025
 Laboratory Reference: 2504-378
 Project: 0651-002

NITRATE (as Nitrogen)
EPA 353.2

Matrix: Water
 Units: mg/L-N

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	MW05-20250423					
Laboratory ID:	04-378-02					
Nitrate	0.14	0.050	EPA 353.2	4-23-25	4-23-25	

Client ID:	MW32-20250423					
Laboratory ID:	04-378-04					
Nitrate	ND	0.050	EPA 353.2	4-23-25	4-23-25	



Date of Report: May 13, 2025
 Samples Submitted: April 23, 2025
 Laboratory Reference: 2504-378
 Project: 0651-002

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:	MB0423W1					
Nitrate	ND	0.050	EPA 353.2	4-23-25	4-23-25	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	04-353-01							
	ORIG	DUP						
Nitrate	ND	ND	NA	NA	NA	NA	22	

MATRIX SPIKE

Laboratory ID:	04-353-01							
	MS	MS		MS				
Nitrate	2.23	2.00	ND	112	86-119	NA	NA	

SPIKE BLANK

Laboratory ID:	SB0423W1							
	SB	SB		SB				
Nitrate	2.18	2.00	NA	109	85-117	NA	NA	



Date of Report: May 13, 2025
 Samples Submitted: April 23, 2025
 Laboratory Reference: 2504-378
 Project: 0651-002

**TOTAL ORGANIC CARBON
 SM 5310B**

Matrix: Water
 Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	MW05-20250423					
Laboratory ID:	04-378-02					
Total Organic Carbon	28	1.0	SM 5310B	4-24-25	4-25-25	

Client ID:	MW32-20250423					
Laboratory ID:	04-378-04					
Total Organic Carbon	2.5	1.0	SM 5310B	4-24-25	4-25-25	



Date of Report: May 13, 2025
 Samples Submitted: April 23, 2025
 Laboratory Reference: 2504-378
 Project: 0651-002

**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:	MB0424W2					
Total Organic Carbon	ND	1.0	SM 5310B	4-24-25	4-25-25	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	04-378-02							
	ORIG	DUP						
Total Organic Carbon	27.8	26.4	NA	NA	NA	NA	5	11

MATRIX SPIKE

Laboratory ID:	04-378-02							
	MS	MS		MS				
Total Organic Carbon	37.3	10.0	27.8	95	85-120	NA	NA	

SPIKE BLANK

Laboratory ID:	SB0424W2							
	SB	SB		SB				
Total Organic Carbon	10.2	10.0	NA	102	79-120	NA	NA	



Date of Report: May 13, 2025
 Samples Submitted: April 23, 2025
 Laboratory Reference: 2504-378
 Project: 0651-002

**TOTAL METALS
 EPA 6010D**

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: MW05-20250423						
Laboratory ID: 04-378-02						
Iron	29000	250	EPA 6010D	4-30-25	4-30-25	
Manganese	3000	10	EPA 6010D	4-30-25	4-30-25	

Client ID: MW32-20250423						
Laboratory ID: 04-378-04						
Iron	670	50	EPA 6010D	4-30-25	4-30-25	
Manganese	370	10	EPA 6010D	4-30-25	4-30-25	



Date of Report: May 13, 2025
 Samples Submitted: April 23, 2025
 Laboratory Reference: 2504-378
 Project: 0651-002

**TOTAL METALS
 EPA 6010D
 QUALITY CONTROL**

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0430WH1					
Iron	ND	50	EPA 6010D	4-30-25	4-30-25	
Manganese	ND	10	EPA 6010D	4-30-25	4-30-25	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	04-409-01							
	ORIG	DUP						
Iron	247	231	NA	NA	NA	NA	7	20
Manganese	10.2	10.2	NA	NA	NA	NA	0	20

MATRIX SPIKES

Laboratory ID:	04-409-01									
	MS	MSD	MS	MSD		MS	MSD			
Iron	22000	21400	20000	20000	247	109	106	75-125	3	20
Manganese	552	537	500	500	10.2	108	105	75-125	3	20





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



OnSite Environmental Inc

David Baumeister
14648 NE 95th Street
Redmond, WA 98052

RE: The Hearthstone, 0651-002

Work Order Number: 2504581

April 30, 2025

Attention David Baumeister:

Alliance Technical Group, LLC - Seattle received 3 sample(s) on 4/23/2025 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,



Brianna Barnes
Project Manager

*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*

Revision v1



CLIENT: OnSite Environmental Inc
Project: The Hearthstone
Work Order: 2504581

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2504581-001	MW05-20250423	04/23/2025 10:20 AM	04/23/2025 3:32 PM
2504581-002	MW09-20250423	04/23/2025 12:05 PM	04/23/2025 3:32 PM
2504581-003	MW32-20250423	04/23/2025 1:35 PM	04/23/2025 3:32 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.

5/1/2025: Rev1 removes MW09 from the report per client request; the sample will be reported separately on a forthcoming revision.

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: 2504581-001

Client Sample ID: MW05-20250423

Collection Date: 4/23/2025 10:20:00 AM

Matrix: Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Ferrous Iron by SM3500-Fe B

Batch ID: R99160 Analyst: JH

Ferrous Iron	23.6	15.0	D	mg/L	100	4/23/2025 3:10:14 PM
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Lab ID: 2504581-003

Client Sample ID: MW32-20250423

Collection Date: 4/23/2025 1:35:00 PM

Matrix: Water

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

Ferrous Iron by SM3500-Fe B

Batch ID: R99160 Analyst: JH

Ferrous Iron	0.431	0.150		mg/L	1	4/23/2025 3:10:14 PM
--------------	-------	-------	--	------	---	----------------------

Work Order: 2504581
CLIENT: OnSite Environmental Inc
Project: The Hearthstone

QC SUMMARY REPORT

Ferrous Iron by SM3500-Fe B

Sample ID: MB-R99160		SampType: MBLK			Units: mg/L		Prep Date: 4/23/2025			RunNo: 99160		
Client ID: MBLKW		Batch ID: R99160			Analysis Date: 4/23/2025					SeqNo: 2065229		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Ferrous Iron	ND	0.150									
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Sample ID: LCS-R99160		SampType: LCS			Units: mg/L		Prep Date: 4/23/2025			RunNo: 99160		
Client ID: LCSW		Batch ID: R99160			Analysis Date: 4/23/2025			SeqNo: 2065230				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Ferrous Iron	0.438	0.150	0.4000	0	109	85	115				
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Sample ID: 2504551-006ADUP		SampType: DUP			Units: mg/L		Prep Date: 4/23/2025			RunNo: 99160		
Client ID: BATCH		Batch ID: R99160			Analysis Date: 4/23/2025			SeqNo: 2065237				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Ferrous Iron	ND	0.150						0		20	
--------------	----	-------	--	--	--	--	--	---	--	----	--

Sample ID: 2504551-006AMS		SampType: MS			Units: mg/L		Prep Date: 4/23/2025			RunNo: 99160		
Client ID: BATCH		Batch ID: R99160			Analysis Date: 4/23/2025			SeqNo: 2065238				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Ferrous Iron	0.601	0.150	0.4000	0.07298	132	70	130				S
--------------	-------	-------	--------	---------	-----	----	-----	--	--	--	---

NOTES:

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

Sample ID: 2504551-006AMSD		SampType: MSD			Units: mg/L		Prep Date: 4/23/2025			RunNo: 99160		
Client ID: BATCH		Batch ID: R99160			Analysis Date: 4/23/2025			SeqNo: 2065239				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Ferrous Iron	0.592	0.150	0.4000	0.07298	130	70	130	0.6010	1.58	30	
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Client Name: ONSITE

Work Order Number: 2504581

Logged by: Clare Griggs

Date Received: 4/23/2025 3:32:00 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:

Sample time for MW5 pulled from bottle label (10:20am)

Item Information

Item #	Temp °C
Sample	1.4

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



OnSite
Environmental Inc.

Analytical Laboratory Testing Services
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Chain of Custody

2504581

Page 1 of 1

Company: SoundEarth Strategies

Project Number: 0651-002

Project Name: The Hearthstone

Project Manager: Tom Cammarata

Sampled by: Linnea Coleman

Lab ID: MW05-20250423

~~MW09-20250423~~

MW32-20250423

Turnaround Request (in working days)

(Check One)

☐ Same Day ☐ 1 Day

☐ 2 Days ☐ 3 Days

☒ Standard (7 Days)

☐ (other) _____

Date Sampled: 4/23/25 Time Sampled: 1420 Matrix: 1

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

Laboratory Number:

Signature	Company	Date	Time	Comments/Special Instructions
	SE	4/23/25	1509	Edits per D.B. 5/1/2025 -BB
	SPEEDY	4/23/25	1509	Direct bill to The Hearthstone CVOCs = PCE, TCE, cis/trans-1,2-DCE, VC
	SPEEDY	4/23/25	1530	Analyze samples at the lowest dilution possible.
	ATG	4/23/25	3:32PM	Send lab reports to Tom & Linnea

Relinquished	Signature	Company	Date	Time	Comments/Special Instructions
Received					
Relinquished					
Received					
Relinquished					
Received					
Relinquished					
Received					
Relinquished					
Reviewed/Date		Reviewed/Date			Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

Analytical Results

SiREM File Reference: S-11129 (ref. 04-378)

Client: OnSite Environmental Inc.
Client Project Number: 0651-002
Date Samples Received: April 25, 2025
Date Samples Analyzed: May 1, 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
MW05-20250423	25-22167	23-Apr-25	50x	<0.50	0.57 J	<0.30	0.31 J	<0.15	<0.50
MW32-20250423	25-22168	23-Apr-25	50x	<0.50	0.73 J	<0.30	0.42 J	<0.15	<0.50
MDL				50	0.50	0.50	0.30	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:

Brooke Rapien

Brooke Rapien, B.Sc.
Senior Laboratory Technician I

Results approved:

Kela Ashworth

Kela Ashworth, B.Sc.
Scientist

Date:

May 8, 2025



Phone Number: (865) 330-0037

Other: _____

Project Name:

Page 1 of 1

[illegible]

**PLEASE RETURN
BLUE ICE**



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Chain of custody

Page 1 of 1

Company: SoundEarth Strategies			Turnaround Request (in working days)			Laboratory Number: 04-378									
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	CVOCs									
1	MW03-20250423	4/23/25	1310	H2O	3	Dissolved Gases (Methane, Ethane, Ethene) by RSK-175									
2	MW05-20250423		1020		11	Sulfate, Chloride, Nitrate									
3	MW24-20250423		1145		3	TOC by SM 310B									
4	MW32-20250423		1335		11	Total Mn and Total Fe by EPA 200.8									
5	MW36-20250423		1010		3	Volatile Organic Fatty Acids									
6	MW29-20250423		1215		3	Ferrous Iron (sent direct to Fremont)									
7	MW33-20250422	4/23/25	1540		3	Organophosphorus Pesticides 8270/SIM									
8	MW37-20250423	4/23/25	1105		3	Chlorinated Acid Herbicides 8151									
						Total RCRA Metals									
						Total MTCA Metals									
						TCLP Metals									
						HEM (oil and grease) 1664									
						% Moisture									
Signature		Company		Date	Time	Comments/Special Instructions									
Linnea Coleman		SES		4/23/25	1512	Direct bill to The Hearthstone CVOCs = PCE, TCE, cis/trans-1,2-DCE, VC									
[Signature]		SPEEDY		4/23/25	1512	Analyze samples at the lowest dilution possible.									
[Signature]		SPEEDY		4/23/25	1610	Send lab reports to Tom & Linnea									
[Signature]		[Signature]				Data Package: Standard ☐ Level III ☐ Level IV ☐									
Reviewed/Date		Reviewed/Date		Reviewed/Date		Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐									

Sample/Cooler Receipt and Acceptance Checklist

Client: SES

Client Project Name/Number: 0651-002

OnSite Project Number: 04-378

Initiated by: MM

Date Initiated: 9/23/25

1.0 Cooler Verification

1.1 Were there custody seals on the outside of the cooler?	Yes	<u>No</u>	N/A	1	2	3	4
1.2 Were the custody seals intact?	Yes	No	<u>N/A</u>	1	2	3	4
1.3 Were the custody seals signed and dated by last custodian?	Yes	No	<u>N/A</u>	1	2	3	4
1.4 Were the samples delivered on ice or blue ice?	<u>Yes</u>	No	N/A	1	2	3	4
1.5 Were samples received between 0-6 degrees Celsius?	<u>Yes</u>	No	N/A	Temperature: <u>0</u>			
1.6 Have shipping bills (if any) been attached to the back of this form?	Yes	<u>N/A</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	1	2	3	4
2.2 Was the COC legible and written in permanent ink?	<u>Yes</u>	No	1	2	3	4
2.3 Have samples been relinquished and accepted by each custodian?	<u>Yes</u>	No	1	2	3	4
2.4 Did the sample labels (ID, date, time, preservative) agree with COC?	Yes	<u>No</u>	1	2	3	4
2.5 Were all of the samples listed on the COC submitted?	<u>Yes</u>	No	1	2	3	4
2.6 Were any of the samples submitted omitted from the COC?	Yes	<u>No</u>	1	2	3	4

3.0 Sample Verification

3.1 Were any sample containers broken or compromised?	Yes	<u>No</u>	1	2	3	4	
3.2 Were any sample labels missing or illegible?	<u>Yes</u>	No	1	2	3	4	
3.3 Have the correct containers been used for each analysis requested?	<u>Yes</u>	No	1	2	3	4	
3.4 Have the samples been correctly preserved?	<u>Yes</u>	No	N/A	1	2	3	4
3.5 Are volatile samples free from headspace and bubbles greater than 6mm?	<u>Yes</u>	No	N/A	1	2	3	4
3.6 Is there sufficient sample submitted to perform requested analyses?	<u>Yes</u>	No	1	2	3	4	
3.7 Have any holding times already expired or will expire in 24 hours?	<u>Yes</u>	No	1	2	3	4	
3.8 Was method 5035A used?	Yes	No	<u>N/A</u>	1	2	3	4
3.9 If 5035A was used, which sampling option was used (#1, 2, or 3).	#		<u>N/A</u>	1	2	3	4

Explain any discrepancies:

2.4 & 3.2) #3) 1 vial no ID, date, time
3.7) Ferrous Iron expire < 24hrs

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



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May 13, 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. 2504-379

Dear Tom:

Enclosed are the analytical results and associated quality control data for samples submitted on April 23, 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: May 13, 2025
Samples Submitted: April 23, 2025
Laboratory Reference: 2504-379
Project: 0651-002

Case Narrative

Samples were collected on April 23, 2025 and received by the laboratory on April 23, 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: May 13, 2025
 Samples Submitted: April 23, 2025
 Laboratory Reference: 2504-379
 Project: 0651-002

VOLATILE ORGANICS EPA 8260D/SIM

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: MW09-20250423						
Laboratory ID: 04-379-01						
Vinyl Chloride (SIM)	0.29	0.20	EPA 8260D/SIM	4-24-25	4-24-25	
(trans) 1,2-Dichloroethene	ND	2.0	EPA 8260D	4-24-25	4-24-25	
(cis) 1,2-Dichloroethene	14	2.0	EPA 8260D	4-24-25	4-24-25	
Trichloroethene	3.3	2.0	EPA 8260D	4-24-25	4-24-25	
Tetrachloroethene	400	2.0	EPA 8260D	4-24-25	4-24-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>86</i>	<i>68-133</i>				
<i>Toluene-d8</i>	<i>97</i>	<i>79-123</i>				
<i>4-Bromofluorobenzene</i>	<i>98</i>	<i>78-117</i>				



Date of Report: May 13, 2025
 Samples Submitted: April 23, 2025
 Laboratory Reference: 2504-379
 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:	MB0424W2					
Vinyl Chloride (SIM)	ND	0.020	EPA 8260D/SIM	4-24-25	4-24-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
Trichloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
Tetrachloroethene	ND	0.20	EPA 8260D	4-24-25	4-24-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>86</i>	<i>68-133</i>				
<i>Toluene-d8</i>	<i>97</i>	<i>79-123</i>				
<i>4-Bromofluorobenzene</i>	<i>97</i>	<i>78-117</i>				

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD	RPD	Flags
					Recovery	Limits	Limit			
SPIKE BLANKS										
Laboratory ID:	SB0424W2									
	SB	SBD	SB	SBD	SB	SBD				
Vinyl Chloride	9.95	9.69	10.0	10.0	100	97	67-130	3	15	
(trans) 1,2-Dichloroethene	9.04	8.87	10.0	10.0	90	89	77-125	2	15	
(cis) 1,2-Dichloroethene	8.96	8.85	10.0	10.0	90	89	78-130	1	15	
Trichloroethene	11.1	11.2	10.0	10.0	111	112	80-126	1	15	
Tetrachloroethene	11.4	11.2	10.0	10.0	114	112	80-125	2	15	
Surrogate:										
Dibromofluoromethane					85	85	68-133			
Toluene-d8					98	98	79-123			
4-Bromofluorobenzene					100	103	78-117			



Date of Report: May 13, 2025
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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:	MW09-20250423					
Laboratory ID:	04-379-01					
Methane	590	5.5	RSK 175	4-29-25	4-29-25	
Ethane	ND	0.56	RSK 175	4-29-25	4-29-25	
Ethene	ND	0.58	RSK 175	4-29-25	4-29-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>1-Butene</i>	<i>133</i>	<i>50-150</i>				



Date of Report: May 13, 2025
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 Project: 0651-002

**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:	MB0429W1					
Methane	ND	0.55	RSK 175	4-29-25	4-29-25	
Ethane	ND	0.56	RSK 175	4-29-25	4-29-25	
Ethene	ND	0.58	RSK 175	4-29-25	4-29-25	
Surrogate:	Percent Recovery	Control Limits				
1-Butene	134	50-150				

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANK										
Laboratory ID:	SB0429W1									
	SB	SBD	SB	SBD	SB	SBD				
Methane	39.2	41.3	44.2	44.2	89	93	75-125	5	25	
Ethane	76.0	80.8	83.2	83.2	91	97	75-125	6	25	
Ethene	84.1	89.2	77.7	77.7	108	115	75-125	6	25	
Surrogate:										
1-Butene					99	110	50-150			



Date of Report: May 13, 2025
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Laboratory Reference: 2504-379
Project: 0651-002

SULFATE
ASTM D516-11

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	MW09-20250423					
Laboratory ID:	04-379-01					
Sulfate	28	10	ASTM D516-16	4-28-25	4-28-25	



Date of Report: May 13, 2025
 Samples Submitted: April 23, 2025
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**SULFATE
 ASTM D516-11
 QUALITY CONTROL**

Matrix: Water

Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0428W1					
Sulfate	ND	5.0	ASTM D516-16	4-28-25	4-28-25	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	04-370-01							
	ORIG	DUP						
Sulfate	ND	ND	NA	NA	NA	NA	11	

MATRIX SPIKE

Laboratory ID:	04-370-01							
	MS	MS		MS				
Sulfate	12.1	10.0	ND	121	69-134	NA	NA	

SPIKE BLANK

Laboratory ID:	SB0428W1							
	SB	SB		SB				
Sulfate	9.60	10.0	NA	96	81-106	NA	NA	



Date of Report: May 13, 2025
Samples Submitted: April 23, 2025
Laboratory Reference: 2504-379
Project: 0651-002

CHLORIDE
SM 4500-Cl E

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	MW09-20250423					
Laboratory ID:	04-379-01					
Chloride	7.5	2.0	SM 4500-Cl E	4-25-25	4-25-25	



Date of Report: May 13, 2025
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 Laboratory Reference: 2504-379
 Project: 0651-002

**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:	MB0425W1					
Chloride	ND	2.0	SM 4500-Cl E	4-25-25	4-25-25	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	04-367-01							
	ORIG	DUP						
Chloride	7.91	8.03	NA	NA	NA	NA	2	21

MATRIX SPIKE

Laboratory ID:	04-367-01							
	MS	MS		MS				
Chloride	61.3	50.0	7.91	107	81-115	NA	NA	

SPIKE BLANK

Laboratory ID:	SB0425W1							
	SB	SB		SB				
Chloride	50.1	50.0	NA	100	77-115	NA	NA	



Date of Report: May 13, 2025
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Laboratory Reference: 2504-379
Project: 0651-002

NITRATE (as Nitrogen)
EPA 353.2

Matrix: Water
Units: mg/L-N

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	MW09-20250423					
Laboratory ID:	04-379-01					
Nitrate	0.21	0.050	EPA 353.2	4-23-25	4-23-25	



Date of Report: May 13, 2025
 Samples Submitted: April 23, 2025
 Laboratory Reference: 2504-379
 Project: 0651-002

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:	MB0423W1					
Nitrate	ND	0.050	EPA 353.2	4-23-25	4-23-25	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	04-353-01							
	ORIG	DUP						
Nitrate	ND	ND	NA	NA	NA	NA	22	

MATRIX SPIKE

Laboratory ID:	04-353-01							
	MS	MS		MS				
Nitrate	2.23	2.00	ND	112	86-119	NA	NA	

SPIKE BLANK

Laboratory ID:	SB0423W1							
	SB	SB		SB				
Nitrate	2.18	2.00	NA	109	85-117	NA	NA	



Date of Report: May 13, 2025
Samples Submitted: April 23, 2025
Laboratory Reference: 2504-379
Project: 0651-002

**TOTAL ORGANIC CARBON
SM 5310B**

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	MW09-20250423					
Laboratory ID:	04-379-01					
Total Organic Carbon	ND	1.0	SM 5310B	4-24-25	4-25-25	



Date of Report: May 13, 2025
 Samples Submitted: April 23, 2025
 Laboratory Reference: 2504-379
 Project: 0651-002

**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:	MB0424W2					
Total Organic Carbon	ND	1.0	SM 5310B	4-24-25	4-25-25	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	04-378-02							
	ORIG	DUP						
Total Organic Carbon	27.8	26.4	NA	NA	NA	NA	5	11

MATRIX SPIKE

Laboratory ID:	04-378-02							
	MS	MS		MS				
Total Organic Carbon	37.3	10.0	27.8	95	85-120	NA	NA	

SPIKE BLANK

Laboratory ID:	SB0424W2							
	SB	SB		SB				
Total Organic Carbon	10.2	10.0	NA	102	79-120	NA	NA	



Date of Report: May 13, 2025
Samples Submitted: April 23, 2025
Laboratory Reference: 2504-379
Project: 0651-002

**TOTAL METALS
EPA 6010D**

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	MW09-20250423					
Laboratory ID:	04-379-01					
Iron	ND	50	EPA 6010D	4-30-25	4-30-25	
Manganese	250	10	EPA 6010D	4-30-25	4-30-25	



Date of Report: May 13, 2025
 Samples Submitted: April 23, 2025
 Laboratory Reference: 2504-379
 Project: 0651-002

**TOTAL METALS
 EPA 6010D
 QUALITY CONTROL**

Matrix: Water

Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0430WH1					
Iron	ND	50	EPA 6010D	4-30-25	4-30-25	
Manganese	ND	10	EPA 6010D	4-30-25	4-30-25	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	04-409-01							
	ORIG	DUP						
Iron	247	231	NA	NA	NA	NA	7	20
Manganese	10.2	10.2	NA	NA	NA	NA	0	20

MATRIX SPIKES

Laboratory ID:	04-409-01									
	MS	MSD	MS	MSD		MS	MSD			
Iron	22000	21400	20000	20000	247	109	106	75-125	3	20
Manganese	552	537	500	500	10.2	108	105	75-125	3	20





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



OnSite Environmental Inc

David Baumeister

14648 NE 95th Street

Redmond, WA 98052

RE: The Hearthstone, 0651-002

Work Order Number: 2504581

April 30, 2025

Attention David Baumeister:

Alliance Technical Group, LLC - Seattle received 3 sample(s) on 4/23/2025 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,



Brianna Barnes
Project Manager

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

Revision v2



CLIENT: OnSite Environmental Inc
Project: The Hearthstone
Work Order: 2504581

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2504581-001	MW05-20250423	04/23/2025 10:20 AM	04/23/2025 3:32 PM
2504581-002	MW09-20250423	04/23/2025 12:05 PM	04/23/2025 3:32 PM
2504581-003	MW32-20250423	04/23/2025 1:35 PM	04/23/2025 3:32 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.

5/1/2025: Rev2 reports only sample MW09 per client request.

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



Analytical Report

Work Order: 2504581
Date Reported: 4/30/2025

Client: OnSite Environmental Inc
Project: The Hearthstone
Lab ID: 2504581-002
Client Sample ID: MW09-20250423

Collection Date: 4/23/2025 12:05:00 PM

Matrix: Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Ferrous Iron by SM3500-Fe B

Batch ID: R99160 Analyst: JH

Ferrous Iron	ND	0.150		mg/L	1	4/23/2025 3:10:14 PM
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Work Order: 2504581
CLIENT: OnSite Environmental Inc
Project: The Hearthstone

QC SUMMARY REPORT

Ferrous Iron by SM3500-Fe B

Sample ID: MB-R99160	SampType: MBLK	Units: mg/L			Prep Date: 4/23/2025				RunNo: 99160			
Client ID: MBLKW	Batch ID: R99160					Analysis Date: 4/23/2025				SeqNo: 2065229		
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-R99160		SampType: LCS			Units: mg/L		Prep Date: 4/23/2025			RunNo: 99160		
Client ID: LCSW		Batch ID: R99160			Analysis Date: 4/23/2025			SeqNo: 2065230				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Ferrous Iron 0.438 0.150 0.4000 0 109 85 115

Sample ID: 2504551-006ADUP		SampType: DUP			Units: mg/L		Prep Date: 4/23/2025			RunNo: 99160		
Client ID: BATCH		Batch ID: R99160			Analysis Date: 4/23/2025				SeqNo: 2065237			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Ferrous Iron ND 0.150 0 20

Sample ID: 2504551-006AMS		SampType: MS			Units: mg/L		Prep Date: 4/23/2025			RunNo: 99160		
Client ID: BATCH		Batch ID: R99160			Analysis Date: 4/23/2025			SeqNo: 2065238				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Ferrous Iron 0.601 0.150 0.4000 0.07298 132 70 130 S

NOTES:

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

Sample ID: 2504551-006AMSD		SampType: MSD			Units: mg/L		Prep Date: 4/23/2025			RunNo: 99160		
Client ID: BATCH		Batch ID: R99160			Analysis Date: 4/23/2025			SeqNo: 2065239				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Ferrous Iron 0.592 0.150 0.4000 0.07298 130 70 130 0.6010 1.58 30

Client Name: ONSITE

Work Order Number: 2504581

Logged by: Clare Griggs

Date Received: 4/23/2025 3:32:00 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:

Sample time for MW5 pulled from bottle label (10:20am)

Item Information

Item #	Temp °C
Sample	1.4

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

Analytical Results

SiREM File Reference: S-11129 (ref. 04-379)

Client: OnSite Environmental Inc.
Client Project Number: 0651-002
Date Samples Received: April 25, 2025
Date Samples Analyzed: May 1, 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
MW09-20250423	25-22169	23-Apr-25	50x	<0.50	0.74 J	<0.30	0.35 J	<0.15	<0.50
			MDL	50	0.50	0.50	0.30	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:

Brooke Rapien

Brooke Rapien, B.Sc.
Senior Laboratory Technician I

Results approved:

Kela Ashworth

Kela Ashworth, B.Sc.
Scientist

Date:

May 8, 2025

PLEASE RETURN
BLUE ICE



EnviroSite
Environmental Inc.

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

Chain of Custody

Laboratory Number: **04-379**

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)

Lab ID

Date Sampled Time Sampled Matrix

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 (Sent direct to Fremont)

Organophosphorus Pesticides 8270/SIM-
Chlorinated Acid Herbicides 8151
Total RCRA Metals
Total MTCA Metals
TCLP Metals
HEM (oil and grease) 1664
% Moisture

1 **11009-20250423**

4/23/25 1405 1h20 11

XXXXXX

**16L
4/23/25**

Signature

Company

Date

Time

Comments/Special Instructions

Linnea Coleman

SES

4/23/25

1513

Linnea Coleman

SPEEDY

4/23/25

1513

Linnea Coleman

SPEEDY

4/23/25

1610

Linnea Coleman

SPEEDY

4/23/25

1610

Linnea Coleman

SPEEDY

4/23/25

1610

Linnea Coleman

SPEEDY

4/23/25

1610

Linnea Coleman

SPEEDY

4/23/25

1610

Relinquished

Received

Received

Received

Received

Reviewed/Date

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

Data Package: Standard ☐ Level III ☐ Level IV ☐

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

Sample/Cooler Receipt and Acceptance Checklist

Client: SES

Client Project Name/Number: 0651-002

OnSite Project Number: 04-379

Initiated by: QMV

Date Initiated: 4/23/25

1.0 Cooler Verification

1.1 Were there custody seals on the outside of the cooler?	Yes	<u>No</u>	N/A	1	2	3	4
1.2 Were the custody seals intact?	Yes	No	<u>N/A</u>	1	2	3	4
1.3 Were the custody seals signed and dated by last custodian?	Yes	No	<u>N/A</u>	1	2	3	4
1.4 Were the samples delivered on ice or blue ice?	<u>Yes</u>	No	N/A	1	2	3	4
1.5 Were samples received between 0-6 degrees Celsius?	<u>Yes</u>	No	N/A	Temperature: <u>0</u>			
1.6 Have shipping bills (if any) been attached to the back of this form?	Yes	<u>N/A</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	1	2	3	4
2.2 Was the COC legible and written in permanent ink?	<u>Yes</u>	No	1	2	3	4
2.3 Have samples been relinquished and accepted by each custodian?	<u>Yes</u>	No	1	2	3	4
2.4 Did the sample labels (ID, date, time, preservative) agree with COC?	<u>Yes</u>	No	1	2	3	4
2.5 Were all of the samples listed on the COC submitted?	<u>Yes</u>	No	1	2	3	4
2.6 Were any of the samples submitted omitted from the COC?	Yes	<u>No</u>	1	2	3	4

3.0 Sample Verification

3.1 Were any sample containers broken or compromised?	Yes	<u>No</u>	1	2	3	4	
3.2 Were any sample labels missing or illegible?	Yes	<u>No</u>	1	2	3	4	
3.3 Have the correct containers been used for each analysis requested?	<u>Yes</u>	No	1	2	3	4	
3.4 Have the samples been correctly preserved?	<u>Yes</u>	No	N/A	1	2	3	4
3.5 Are volatile samples free from headspace and bubbles greater than 6mm?	<u>Yes</u>	No	N/A	1	2	3	4
3.6 Is there sufficient sample submitted to perform requested analyses?	<u>Yes</u>	No	1	2	3	4	
3.7 Have any holding times already expired or will expire in 24 hours?	<u>Yes</u>	No	1	2	3	4	
3.8 Was method 5035A used?	Yes	No	<u>N/A</u>	1	2	3	4
3.9 If 5035A was used, which sampling option was used (#1, 2, or 3).	#	<u>N/A</u>	1	2	3	4	

Explain any discrepancies:

3.7) Ferrous Iron expire < 24hrs

1 - Discuss issue in Case Narrative

2 - Process Sample As-is

3 - Client contacted to discuss problem

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



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

May 13, 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. 2504-397

Dear Tom:

Enclosed are the analytical results and associated quality control data for samples submitted on April 24, 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: May 13, 2025
Samples Submitted: April 24, 2025
Laboratory Reference: 2504-397
Project: 0651-002

Case Narrative

Samples were collected on April 24, 2025 and received by the laboratory on April 24, 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: May 13, 2025
 Samples Submitted: April 24, 2025
 Laboratory Reference: 2504-397
 Project: 0651-002

VOLATILE ORGANICS EPA 8260D

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: MW15-20250424						
Laboratory ID: 04-397-01						
Vinyl Chloride	0.49	0.20	EPA 8260D	4-28-25	4-28-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-28-25	4-28-25	
(cis) 1,2-Dichloroethene	0.94	0.20	EPA 8260D	4-28-25	4-28-25	
Trichloroethene	ND	0.20	EPA 8260D	4-28-25	4-28-25	
Tetrachloroethene	ND	0.20	EPA 8260D	4-28-25	4-28-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	89	68-133				
<i>Toluene-d8</i>	97	79-123				
<i>4-Bromofluorobenzene</i>	98	78-117				

Client ID: MW21-20250424						
Laboratory ID: 04-397-02						
Vinyl Chloride	ND	0.20	EPA 8260D	4-28-25	4-28-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-28-25	4-28-25	
(cis) 1,2-Dichloroethene	0.28	0.20	EPA 8260D	4-28-25	4-28-25	
Trichloroethene	ND	0.20	EPA 8260D	4-28-25	4-28-25	
Tetrachloroethene	ND	0.20	EPA 8260D	4-28-25	4-28-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	91	68-133				
<i>Toluene-d8</i>	97	79-123				
<i>4-Bromofluorobenzene</i>	99	78-117				

Client ID: MW28-20250424						
Laboratory ID: 04-397-03						
Vinyl Chloride	16	0.40	EPA 8260D	4-28-25	4-28-25	
(trans) 1,2-Dichloroethene	ND	0.40	EPA 8260D	4-28-25	4-28-25	
(cis) 1,2-Dichloroethene	29	0.40	EPA 8260D	4-28-25	4-28-25	
Trichloroethene	0.78	0.40	EPA 8260D	4-28-25	4-28-25	
Tetrachloroethene	ND	0.40	EPA 8260D	4-28-25	4-28-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	91	68-133				
<i>Toluene-d8</i>	98	79-123				
<i>4-Bromofluorobenzene</i>	100	78-117				



Date of Report: May 13, 2025
 Samples Submitted: April 24, 2025
 Laboratory Reference: 2504-397
 Project: 0651-002

VOLATILE ORGANICS EPA 8260D

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: MW10-20250424						
Laboratory ID: 04-397-04						
Vinyl Chloride	1.1	0.80	EPA 8260D	4-28-25	4-28-25	
(trans) 1,2-Dichloroethene	ND	0.80	EPA 8260D	4-28-25	4-28-25	
(cis) 1,2-Dichloroethene	180	0.80	EPA 8260D	4-28-25	4-28-25	
Trichloroethene	36	0.80	EPA 8260D	4-28-25	4-28-25	
Tetrachloroethene	43	0.80	EPA 8260D	4-28-25	4-28-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	95	68-133				
<i>Toluene-d8</i>	98	79-123				
<i>4-Bromofluorobenzene</i>	101	78-117				

Client ID: MW31-20250424						
Laboratory ID: 04-397-05						
Vinyl Chloride	1800	50	EPA 8260D	4-28-25	4-28-25	
(trans) 1,2-Dichloroethene	ND	50	EPA 8260D	4-28-25	4-28-25	
(cis) 1,2-Dichloroethene	4400	50	EPA 8260D	4-28-25	4-28-25	
Trichloroethene	ND	50	EPA 8260D	4-28-25	4-28-25	
Tetrachloroethene	ND	50	EPA 8260D	4-28-25	4-28-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	95	68-133				
<i>Toluene-d8</i>	98	79-123				
<i>4-Bromofluorobenzene</i>	99	78-117				



Date of Report: May 13, 2025
 Samples Submitted: April 24, 2025
 Laboratory Reference: 2504-397
 Project: 0651-002

**VOLATILE ORGANICS EPA 8260D
 QUALITY CONTROL**

Matrix: Water

Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0428W2					
Vinyl Chloride	ND	0.20	EPA 8260D	4-28-25	4-28-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-28-25	4-28-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-28-25	4-28-25	
Trichloroethene	ND	0.20	EPA 8260D	4-28-25	4-28-25	
Tetrachloroethene	ND	0.20	EPA 8260D	4-28-25	4-28-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	85	68-133				
<i>Toluene-d8</i>	97	79-123				
<i>4-Bromofluorobenzene</i>	97	78-117				

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0428W2									
	SB	SBD	SB	SBD	SB	SBD				
Vinyl Chloride	9.76	9.65	10.0	10.0	98	97	67-130	1	15	
(trans) 1,2-Dichloroethene	9.00	8.86	10.0	10.0	90	89	77-125	2	15	
(cis) 1,2-Dichloroethene	9.01	8.86	10.0	10.0	90	89	78-130	2	15	
Trichloroethene	11.5	11.3	10.0	10.0	115	113	80-126	2	15	
Tetrachloroethene	11.7	11.4	10.0	10.0	117	114	80-125	3	15	
Surrogate:										
Dibromofluoromethane					83	85	68-133			
Toluene-d8					97	98	79-123			
4-Bromofluorobenzene					102	101	78-117			



Date of Report: May 13, 2025
 Samples Submitted: April 24, 2025
 Laboratory Reference: 2504-397
 Project: 0651-002

**DISSOLVED GASES
RSK 175**

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	MW15-20250424					
Laboratory ID:	04-397-01					
Methane	2500	33	RSK 175	4-29-25	4-29-25	
Ethane	ND	0.56	RSK 175	4-29-25	4-29-25	
Ethene	ND	0.58	RSK 175	4-29-25	4-29-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>1-Butene</i>	<i>128</i>	<i>50-150</i>				

Client ID:	MW21-20250424					
Laboratory ID:	04-397-02					
Methane	1900	17	RSK 175	4-29-25	4-29-25	
Ethane	ND	0.56	RSK 175	4-29-25	4-29-25	
Ethene	ND	0.58	RSK 175	4-29-25	4-29-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>1-Butene</i>	<i>130</i>	<i>50-150</i>				

Client ID:	MW28-20250424					
Laboratory ID:	04-397-03					
Methane	950	8.3	RSK 175	4-29-25	4-29-25	
Ethane	12	0.56	RSK 175	4-29-25	4-29-25	
Ethene	18	0.58	RSK 175	4-29-25	4-29-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>1-Butene</i>	<i>129</i>	<i>50-150</i>				

Client ID:	MW10-20250424					
Laboratory ID:	04-397-04					
Methane	4600	55	RSK 175	4-29-25	4-29-25	
Ethane	ND	0.56	RSK 175	4-29-25	4-29-25	
Ethene	ND	0.58	RSK 175	4-29-25	4-29-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>1-Butene</i>	<i>122</i>	<i>50-150</i>				

Client ID:	MW31-20250424					
Laboratory ID:	04-397-05					
Methane	300	2.8	RSK 175	4-29-25	4-29-25	
Ethane	ND	0.56	RSK 175	4-29-25	4-29-25	
Ethene	170	0.58	RSK 175	4-29-25	4-29-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>1-Butene</i>	<i>135</i>	<i>50-150</i>				



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Date of Report: May 13, 2025
 Samples Submitted: April 24, 2025
 Laboratory Reference: 2504-397
 Project: 0651-002

**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:	MB0429W1					
Methane	ND	0.55	RSK 175	4-29-25	4-29-25	
Ethane	ND	0.56	RSK 175	4-29-25	4-29-25	
Ethene	ND	0.58	RSK 175	4-29-25	4-29-25	
Surrogate:	Percent Recovery	Control Limits				
1-Butene	134	50-150				

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANK										
Laboratory ID:	SB0429W1									
	SB	SBD	SB	SBD	SB	SBD				
Methane	39.2	41.3	44.2	44.2	89	93	75-125	5	25	
Ethane	76.0	80.8	83.2	83.2	91	97	75-125	6	25	
Ethene	84.1	89.2	77.7	77.7	108	115	75-125	6	25	
Surrogate:										
1-Butene					99	110	50-150			



Date of Report: May 13, 2025
 Samples Submitted: April 24, 2025
 Laboratory Reference: 2504-397
 Project: 0651-002

SULFATE
ASTM D516-11

Matrix: Water
 Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	MW15-20250424					
Laboratory ID:	04-397-01					
Sulfate	ND	5.0	ASTM D516-16	5-5-25	5-5-25	

Client ID:	MW21-20250424					
Laboratory ID:	04-397-02					
Sulfate	ND	5.0	ASTM D516-16	5-5-25	5-5-25	

Client ID:	MW28-20250424					
Laboratory ID:	04-397-03					
Sulfate	6.1	5.0	ASTM D516-16	5-5-25	5-5-25	

Client ID:	MW10-20250424					
Laboratory ID:	04-397-04					
Sulfate	24	10	ASTM D516-16	5-5-25	5-5-25	

Client ID:	MW31-20250424					
Laboratory ID:	04-397-05					
Sulfate	7.2	5.0	ASTM D516-16	5-5-25	5-5-25	



Date of Report: May 13, 2025
 Samples Submitted: April 24, 2025
 Laboratory Reference: 2504-397
 Project: 0651-002

**SULFATE
 ASTM D516-11
 QUALITY CONTROL**

Matrix: Water

Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0505W1					
Sulfate	ND	5.0	ASTM D516-16	5-5-25	5-5-25	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	04-397-01							
	ORIG	DUP						
Sulfate	ND	ND	NA	NA	NA	NA	11	

MATRIX SPIKE

Laboratory ID:	04-397-01							
	MS	MS		MS				
Sulfate	8.88	10.0	ND	89	70-131	NA	NA	

SPIKE BLANK

Laboratory ID:	SB0505W1							
	SB	SB		SB				
Sulfate	8.62	10.0	NA	86	83-113	NA	NA	



Date of Report: May 13, 2025
 Samples Submitted: April 24, 2025
 Laboratory Reference: 2504-397
 Project: 0651-002

CHLORIDE
SM 4500-Cl E

Matrix: Water
 Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	MW15-20250424					
Laboratory ID:	04-397-01					
Chloride	200	4.0	SM 4500-Cl E	4-25-25	4-25-25	

Client ID:	MW21-20250424					
Laboratory ID:	04-397-02					
Chloride	48	2.0	SM 4500-Cl E	4-25-25	4-25-25	

Client ID:	MW28-20250424					
Laboratory ID:	04-397-03					
Chloride	120	4.0	SM 4500-Cl E	4-25-25	4-25-25	

Client ID:	MW10-20250424					
Laboratory ID:	04-397-04					
Chloride	8.5	2.0	SM 4500-Cl E	4-25-25	4-25-25	

Client ID:	MW31-20250424					
Laboratory ID:	04-397-05					
Chloride	22	2.0	SM 4500-Cl E	4-25-25	4-25-25	



Date of Report: May 13, 2025
 Samples Submitted: April 24, 2025
 Laboratory Reference: 2504-397
 Project: 0651-002

**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:	MB0425W2					
Chloride	ND	2.0	SM 4500-Cl E	4-25-25	4-25-25	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	04-397-05							
	ORIG	DUP						
Chloride	22.1	22.1	NA	NA	NA	NA	0	21

MATRIX SPIKE

Laboratory ID:	04-397-05							
	MS	MS		MS				
Chloride	77.8	50.0	22.1	111	81-115	NA	NA	

SPIKE BLANK

Laboratory ID:	SB0425W2							
	SB	SB		SB				
Chloride	53.4	50.0	NA	107	77-115	NA	NA	



Date of Report: May 13, 2025
 Samples Submitted: April 24, 2025
 Laboratory Reference: 2504-397
 Project: 0651-002

NITRATE (as Nitrogen)
EPA 353.2

Matrix: Water
 Units: mg/L-N

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	MW15-20250424					
Laboratory ID:	04-397-01					
Nitrate	0.13	0.050	EPA 353.2	4-25-25	4-25-25	

Client ID:	MW21-20250424					
Laboratory ID:	04-397-02					
Nitrate	0.082	0.050	EPA 353.2	4-25-25	4-25-25	

Client ID:	MW28-20250424					
Laboratory ID:	04-397-03					
Nitrate	ND	0.050	EPA 353.2	4-25-25	4-25-25	

Client ID:	MW10-20250424					
Laboratory ID:	04-397-04					
Nitrate	ND	0.050	EPA 353.2	4-25-25	4-25-25	

Client ID:	MW31-20250424					
Laboratory ID:	04-397-05					
Nitrate	ND	0.050	EPA 353.2	4-25-25	4-25-25	



Date of Report: May 13, 2025
 Samples Submitted: April 24, 2025
 Laboratory Reference: 2504-397
 Project: 0651-002

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:	MB0425W1					
Nitrate	ND	0.050	EPA 353.2	4-25-25	4-25-25	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	04-397-01							
	ORIG	DUP						
Nitrate	0.129	0.112	NA	NA	NA	NA	14	22

MATRIX SPIKE

Laboratory ID:	04-397-01							
	MS	MS		MS				
Nitrate	2.25	2.00	0.129	106	86-119	NA	NA	

SPIKE BLANK

Laboratory ID:	SB0425W1							
	SB	SB		SB				
Nitrate	2.24	2.00	NA	112	85-117	NA	NA	



Date of Report: May 13, 2025
 Samples Submitted: April 24, 2025
 Laboratory Reference: 2504-397
 Project: 0651-002

**TOTAL ORGANIC CARBON
 SM 5310B**

Matrix: Water
 Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	MW15-20250424					
Laboratory ID:	04-397-01					
Total Organic Carbon	65	1.0	SM 5310B	4-24-25	4-25-25	

Client ID:	MW21-20250424					
Laboratory ID:	04-397-02					
Total Organic Carbon	110	2.0	SM 5310B	4-24-25	4-28-25	

Client ID:	MW28-20250424					
Laboratory ID:	04-397-03					
Total Organic Carbon	5.3	1.0	SM 5310B	4-24-25	4-25-25	

Client ID:	MW10-20250424					
Laboratory ID:	04-397-04					
Total Organic Carbon	1.3	1.0	SM 5310B	4-24-25	4-25-25	

Client ID:	MW31-20250424					
Laboratory ID:	04-397-05					
Total Organic Carbon	1.1	1.0	SM 5310B	4-24-25	4-25-25	



Date of Report: May 13, 2025
 Samples Submitted: April 24, 2025
 Laboratory Reference: 2504-397
 Project: 0651-002

**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:	MB0424W2					
Total Organic Carbon	ND	1.0	SM 5310B	4-24-25	4-25-25	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	04-378-02							
	ORIG	DUP						
Total Organic Carbon	27.8	26.4	NA	NA	NA	NA	5	11

MATRIX SPIKE

Laboratory ID:	04-378-02							
	MS	MS		MS				
Total Organic Carbon	37.3	10.0	27.8	95	85-120	NA	NA	

SPIKE BLANK

Laboratory ID:	SB0424W2							
	SB	SB		SB				
Total Organic Carbon	10.2	10.0	NA	102	79-120	NA	NA	



Date of Report: May 13, 2025
 Samples Submitted: April 24, 2025
 Laboratory Reference: 2504-397
 Project: 0651-002

**TOTAL METALS
 EPA 6010D**

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: MW15-20250424						
Laboratory ID: 04-397-01						
Iron	49000	500	EPA 6010D	4-30-25	4-30-25	
Manganese	2300	10	EPA 6010D	4-30-25	4-30-25	

Client ID: MW21-20250424						
Laboratory ID: 04-397-02						
Iron	39000	500	EPA 6010D	4-30-25	4-30-25	
Manganese	1700	10	EPA 6010D	4-30-25	4-30-25	

Client ID: MW28-20250424						
Laboratory ID: 04-397-03						
Iron	1500	50	EPA 6010D	4-30-25	4-30-25	
Manganese	780	10	EPA 6010D	4-30-25	4-30-25	

Client ID: MW10-20250424						
Laboratory ID: 04-397-04						
Iron	5100	50	EPA 6010D	4-30-25	4-30-25	
Manganese	450	10	EPA 6010D	4-30-25	4-30-25	

Client ID: MW31-20250424						
Laboratory ID: 04-397-05						
Iron	ND	50	EPA 6010D	4-30-25	4-30-25	
Manganese	150	10	EPA 6010D	4-30-25	4-30-25	



Date of Report: May 13, 2025
 Samples Submitted: April 24, 2025
 Laboratory Reference: 2504-397
 Project: 0651-002

**TOTAL METALS
 EPA 6010D
 QUALITY CONTROL**

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0430WH1					
Iron	ND	50	EPA 6010D	4-30-25	4-30-25	
Manganese	ND	10	EPA 6010D	4-30-25	4-30-25	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	04-409-01							
	ORIG	DUP						
Iron	247	231	NA	NA	NA	NA	7	20
Manganese	10.2	10.2	NA	NA	NA	NA	0	20

MATRIX SPIKES

Laboratory ID:	04-409-01									
	MS	MSD	MS	MSD		MS	MSD			
Iron	22000	21400	20000	20000	247	109	106	75-125	3	20
Manganese	552	537	500	500	10.2	108	105	75-125	3	20





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: 2504611

April 30, 2025

Attention David Baumeister:

Alliance Technical Group, LLC - Seattle received 5 sample(s) on 4/24/2025 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 black ink, appearing to read "LR" or "Lyann Rivera", written in a cursive style.

Lyann Rivera

Project Manager

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



Date: 04/30/2025

CLIENT: OnSite Environmental Inc
Project: The Hearthstone
Work Order: 2504611

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2504611-001	MW15-20250424	04/24/2025 10:10 AM	04/24/2025 3:13 PM
2504611-002	MW21-20250424	04/24/2025 10:15 AM	04/24/2025 3:13 PM
2504611-003	MW28-20250424	04/24/2025 12:35 PM	04/24/2025 3:13 PM
2504611-004	MW10-20250424	04/24/2025 12:15 PM	04/24/2025 3:13 PM
2504611-005	MW31-20250424	04/24/2025 2:00 PM	04/24/2025 3:13 PM

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

Original

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: 2504611-001 **Collection Date:** 4/24/2025 10:10:00 AM
Client Sample ID: MW15-20250424 **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<u>Ferrous Iron by SM3500-Fe B</u>				Batch ID: R99238		Analyst: JH
Ferrous Iron	62.0	7.50	D	mg/L	50	4/25/2025 8:20:05 AM

Lab ID: 2504611-002 **Collection Date:** 4/24/2025 10:15:00 AM
Client Sample ID: MW21-20250424 **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<u>Ferrous Iron by SM3500-Fe B</u>				Batch ID: R99238		Analyst: JH
Ferrous Iron	47.4	3.75	D	mg/L	25	4/25/2025 8:20:05 AM

Lab ID: 2504611-003 **Collection Date:** 4/24/2025 12:35:00 PM
Client Sample ID: MW28-20250424 **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<u>Ferrous Iron by SM3500-Fe B</u>				Batch ID: R99238		Analyst: JH
Ferrous Iron	1.32	0.150		mg/L	1	4/25/2025 8:20:05 AM

Lab ID: 2504611-004 **Collection Date:** 4/24/2025 12:15:00 PM
Client Sample ID: MW10-20250424 **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<u>Ferrous Iron by SM3500-Fe B</u>				Batch ID: R99238		Analyst: JH
Ferrous Iron	4.67	0.750	D	mg/L	5	4/25/2025 8:20:05 AM

Work Order: 2504611
Date Reported: 4/30/2025

CLIENT: OnSite Environmental Inc
Project: The Hearthstone

Lab ID: 2504611-005
Client Sample ID: MW31-20250424

Collection Date: 4/24/2025 2:00:00 PM
Matrix: Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Ferrous Iron by SM3500-Fe B

Batch ID: R99238 Analyst: JH

Ferrous Iron	ND	0.150		mg/L	1	4/25/2025 8:20:05 AM
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Work Order: 2504611
CLIENT: OnSite Environmental Inc
Project: The Hearthstone

QC SUMMARY REPORT

Ferrous Iron by SM3500-Fe B

Sample ID: MB-R99238		SampType: MBLK			Units: mg/L		Prep Date: 4/25/2025			RunNo: 99238		
Client ID: MBLKW		Batch ID: R99238			Analysis Date: 4/25/2025					SeqNo: 2066684		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Ferrous Iron	ND	0.150									
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Sample ID: LCS-R99238		SampType: LCS			Units: mg/L		Prep Date: 4/25/2025			RunNo: 99238		
Client ID: LCSW		Batch ID: R99238			Analysis Date: 4/25/2025					SeqNo: 2066685		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Ferrous Iron	0.425	0.150	0.4000	0	106	85	115				
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Sample ID: 2504611-005ADUP		SampType: DUP			Units: mg/L		Prep Date: 4/25/2025			RunNo: 99238		
Client ID: MW31-20250424		Batch ID: R99238			Analysis Date: 4/25/2025					SeqNo: 2066705		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Ferrous Iron	ND	0.150						0		20	
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Sample ID: 2504611-005AMS		SampType: MS			Units: mg/L		Prep Date: 4/25/2025			RunNo: 99238		
Client ID: MW31-20250424		Batch ID: R99238			Analysis Date: 4/25/2025					SeqNo: 2066706		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Ferrous Iron	0.544	0.150	0.4000	0.1327	103	70	130				
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Sample ID: 2504611-005AMSD		SampType: MSD			Units: mg/L		Prep Date: 4/25/2025			RunNo: 99238		
Client ID: MW31-20250424		Batch ID: R99238			Analysis Date: 4/25/2025					SeqNo: 2066707		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Ferrous Iron	0.563	0.150	0.4000	0.1327	108	70	130	0.5444	3.40	30	
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Client Name: ONSITE

Work Order Number: 2504611

Logged by: Morgan Wilson

Date Received: 4/24/2025 3:13:00 PM

Chain of Custody

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

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	6.0

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

Analytical Results

SiREM File Reference: S-11134

Client: OnSite Environmental Inc.
Client Project Number: 0651-002
Date Samples Received: April 29, 2025
Date Samples Analyzed: May 1, 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
MW15-20250424	25-22178	24-Apr-25	50x	<0.50	53	1.7 J	0.66 J	0.22 J	<0.50
MW21-20250424	25-22179	24-Apr-25	50x	<0.50	82	7.6	0.39 J	4.1	<0.50
MW28-20250424	25-22180	24-Apr-25	50x	<0.50	0.86 J	<0.30	0.46 J	<0.15	<0.50
MW10-20250424	25-22181	24-Apr-25	50x	<0.50	0.87 J	<0.30	0.40 J	<0.15	<0.50
MW31-20250424	25-22182	24-Apr-25	50x	<0.50	1.1 J	<0.30	0.42 J	<0.15	<0.50
MDL				50	0.50	0.50	0.30	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:

Brooke Rapien

Brooke Rapien, B.Sc.
Senior Laboratory Technician I

Results approved:

Kela Ashworth

Kela Ashworth, B.Sc.
Scientist

Date:

May 8, 2025

Attention: Ximena Druan

Address: 180A Market Place Blvd.

Address: Knoxville, TN 37922

Phone Number: (865) 330-0037

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other: _____

Laboratory Reference #: 04-397

Project Manager: David Baumeister

email: dbaumeister@onsite-env.com

Project Number: 0651-002

Project Name: _____

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
	MW15-20250424	4/24/25	10:10	W	3	Volatile Organic Fatty Acids ✓
	MW21-20250424	4/24/25	10:15	W	3	Volatile Organic Fatty Acids ✓
	MW28-20250424	4/24/25	12:35	W	3	Volatile Organic Fatty Acids ✓
	MW10-20250424	4/24/25	12:15	W	3	Volatile Organic Fatty Acids ✓
	MW31-20250424	4/24/25	14:00	W	3	Volatile Organic Fatty Acids ✓

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by: [Signature]	[Signature]	7/8/15	1600	5.6°C (KX00238) blue ice -ups EIM
Received by:	[Signature] UPS			
Relinquished by:	[Signature] SIREM			
Received by: K. Muehlenberg		4-29-25	1018	
Relinquished by:				
Received by:				



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

Laboratory: SiREM Laboratory

Attention: Ximena Druan

Address: 180A Market Place Blvd.

Address: Knoxville, TN 37922

Phone Number: (865) 330-0037

COPY

S-11134

Page 1 of 1

Laboratory Reference #: 04-397

Project Manager: David Baumeister

email: dbaumeister@onsite-env.com

Project Number: 0651-002

Project Name:

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other:

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
	MW15-20250424	4/24/25	10:10	W	3	Volatile Organic Fatty Acids ✓
	MW21-20250424	4/24/25	10:15	W	3	Volatile Organic Fatty Acids ✓
	MW28-20250424	4/24/25	12:35	W	3	Volatile Organic Fatty Acids ✓
	MW10-20250424	4/24/25	12:15	W	3	Volatile Organic Fatty Acids ✓
	MW31-20250424	4/24/25	14:00	W	3	Volatile Organic Fatty Acids ✓
Signature		Company		Date	Time	Comments/Special Instructions
Relinquished by:		C88		7/18/15	1600	
Received by:		LPS				
Relinquished by:		LPS				
Received by: K. Muthola		SiREM		4-29-25	1018	5.6°C (KX00238) blue ice - UPS EIM
Relinquished by: K. Crachulola		SiREM		4-29-25	1600	Bchsw
Received by: Bchsw		SiREM		4-30-25	1430	7.5°C



Environmental Inc.

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

Chain of Custody

Page 1 of 1

Company: SoundEarth Strategies		Turnaround Request (in working days) (Check One) ☐ Same Day ☐ 1 Day ☐ 2 Days ☐ 3 Days ☒ Standard (7 Days)		Laboratory Number: 04-397	
Project Number: 0651-002					
Project Name: The Hearthstone					
Project Manager: Tom Cammarata					
Sampled by: Linnea Coleman					
Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers
1	MW15-20250424	4/24/25	1010	H2O	"
2	MW21-20250424		1015		
3	MW28-20250424		1235		
4	MW10-20250424		1215		
5	MW31-20250424		1400		
CVOCs Dissolved Gases (Methane, Ethane, Ethene) by RSK-175 Sulfate, Chloride, Nitrate by EPA 300 TOC by EPA 352.2 Total Mn and Total Fe by EPA 200.8 Ferrous Iron <i>(sent direct to Fremont)</i> Volatile Organic Fatty Acids Organophosphorus Pesticides 8270/SIM Chlorinated Acid Herbicides 8151 Total FCRA Metals Total MTCA Metals TCLP Metals HEM (oil and grease) 1664 % Moisture					
Signature: <i>Linnea Coleman</i>		Company: SECS		Date: 4/24/25	
Received		SPEC DAY		4/24/25 1454	
Relinquished		SPEC DAY		4/24/25 1629	
Received		SPEC DAY		4/24/25 1625	
Relinquished					
Received					
Reviewed/Date		Reviewed/Date		Comments/Special Instructions	
				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 Data Package: Standard ☐ Level III ☐ Level IV ☐ Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐	

Sample/Cooler Receipt and Acceptance Checklist

Client: SES

Client Project Name/Number: 0651-002

OnSite Project Number: 04-397

Initiated by: QMV

Date Initiated: 7/24/05

1.0 Cooler Verification

1.1 Were there custody seals on the outside of the cooler?	Yes	<u>No</u>	N/A	1	2	3	4
1.2 Were the custody seals intact?	Yes	No	<u>N/A</u>	1	2	3	4
1.3 Were the custody seals signed and dated by last custodian?	Yes	No	<u>N/A</u>	1	2	3	4
1.4 Were the samples delivered on ice or blue ice?	<u>Yes</u>	No	N/A	1	2	3	4
1.5 Were samples received between 0-6 degrees Celsius?	<u>Yes</u>	No	N/A	Temperature: <u>3</u>			
1.6 Have shipping bills (if any) been attached to the back of this form?	Yes	<u>N/A</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	1	2	3	4
2.2 Was the COC legible and written in permanent ink?	<u>Yes</u>	No	1	2	3	4
2.3 Have samples been relinquished and accepted by each custodian?	<u>Yes</u>	No	1	2	3	4
2.4 Did the sample labels (ID, date, time, preservative) agree with COC?	<u>Yes</u>	No	1	2	3	4
2.5 Were all of the samples listed on the COC submitted?	<u>Yes</u>	No	1	2	3	4
2.6 Were any of the samples submitted omitted from the COC?	Yes	<u>No</u>	1	2	3	4

3.0 Sample Verification

3.1 Were any sample containers broken or compromised?	Yes	<u>No</u>	1	2	3	4	
3.2 Were any sample labels missing or illegible?	Yes	<u>No</u>	1	2	3	4	
3.3 Have the correct containers been used for each analysis requested?	<u>Yes</u>	No	1	2	3	4	
3.4 Have the samples been correctly preserved?	<u>Yes</u>	No	N/A	1	2	3	4
3.5 Are volatile samples free from headspace and bubbles greater than 6mm?	<u>Yes</u>	<u>No</u>	N/A	1	2	3	4
3.6 Is there sufficient sample submitted to perform requested analyses?	<u>Yes</u>	No	1	2	3	4	
3.7 Have any holding times already expired or will expire in 24 hours?	<u>Yes</u>	No	1	2	3	4	
3.8 Was method 5035A used?	Yes	No	<u>N/A</u>	1	2	3	4
3.9 If 5035A was used, which sampling option was used (#1, 2, or 3).	#	<u>N/A</u>	1	2	3	4	

Explain any discrepancies:

3.5) #1) 1 vial with bubble
3.7) Ferrrous Iron will expire < 24 hrs

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

Fourth Quarter 2025 Groundwater



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

October 15, 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. 2510-114

Dear Tom:

Enclosed are the analytical results and associated quality control data for samples submitted on October 7, 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: October 15, 2025
Samples Submitted: October 7, 2025
Laboratory Reference: 2510-114
Project: 0651-002

Case Narrative

Samples were collected on October 6, 2025 and received by the laboratory on October 7, 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: October 15, 2025
 Samples Submitted: October 7, 2025
 Laboratory Reference: 2510-114
 Project: 0651-002

VOLATILE ORGANICS EPA 8260D

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: IW07-20251006						
Laboratory ID: 10-114-01						
Vinyl Chloride	ND	0.20	EPA 8260D	10-8-25	10-8-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
(cis) 1,2-Dichloroethene	0.90	0.20	EPA 8260D	10-8-25	10-8-25	
Trichloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
Tetrachloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	89	68-133				
<i>Toluene-d8</i>	98	79-123				
<i>4-Bromofluorobenzene</i>	99	78-117				

Client ID: IW08-20251006						
Laboratory ID: 10-114-02						
Vinyl Chloride	1.6	0.40	EPA 8260D	10-8-25	10-8-25	
(trans) 1,2-Dichloroethene	ND	0.40	EPA 8260D	10-8-25	10-8-25	
(cis) 1,2-Dichloroethene	33	0.40	EPA 8260D	10-8-25	10-8-25	
Trichloroethene	0.76	0.40	EPA 8260D	10-8-25	10-8-25	
Tetrachloroethene	1.7	0.40	EPA 8260D	10-8-25	10-8-25	
<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>	94	78-117				

Client ID: IW15-20251006						
Laboratory ID: 10-114-03						
Vinyl Chloride	5.5	0.40	EPA 8260D	10-8-25	10-8-25	
(trans) 1,2-Dichloroethene	ND	0.40	EPA 8260D	10-8-25	10-8-25	
(cis) 1,2-Dichloroethene	32	0.40	EPA 8260D	10-8-25	10-8-25	
Trichloroethene	1.8	0.40	EPA 8260D	10-8-25	10-8-25	
Tetrachloroethene	1.6	0.40	EPA 8260D	10-8-25	10-8-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	88	68-133				
<i>Toluene-d8</i>	97	79-123				
<i>4-Bromofluorobenzene</i>	97	78-117				



Date of Report: October 15, 2025
 Samples Submitted: October 7, 2025
 Laboratory Reference: 2510-114
 Project: 0651-002

VOLATILE ORGANICS EPA 8260D

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: IW16-20251006						
Laboratory ID: 10-114-04						
Vinyl Chloride	0.81	0.20	EPA 8260D	10-8-25	10-8-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
(cis) 1,2-Dichloroethene	0.82	0.20	EPA 8260D	10-8-25	10-8-25	
Trichloroethene	0.61	0.20	EPA 8260D	10-8-25	10-8-25	
Tetrachloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>90</i>	<i>68-133</i>				
<i>Toluene-d8</i>	<i>97</i>	<i>79-123</i>				
<i>4-Bromofluorobenzene</i>	<i>99</i>	<i>78-117</i>				

Client ID: IW21-20251006						
Laboratory ID: 10-114-05						
Vinyl Chloride	240	1.0	EPA 8260D	10-10-25	10-10-25	
(trans) 1,2-Dichloroethene	1.3	0.20	EPA 8260D	10-8-25	10-8-25	
(cis) 1,2-Dichloroethene	11	0.20	EPA 8260D	10-8-25	10-8-25	
Trichloroethene	0.80	0.20	EPA 8260D	10-8-25	10-8-25	
Tetrachloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>90</i>	<i>68-133</i>				
<i>Toluene-d8</i>	<i>99</i>	<i>79-123</i>				
<i>4-Bromofluorobenzene</i>	<i>99</i>	<i>78-117</i>				

Client ID: IW22-20251006						
Laboratory ID: 10-114-06						
Vinyl Chloride	2.8	0.20	EPA 8260D	10-8-25	10-8-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
(cis) 1,2-Dichloroethene	4.7	0.20	EPA 8260D	10-8-25	10-8-25	
Trichloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
Tetrachloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>90</i>	<i>68-133</i>				
<i>Toluene-d8</i>	<i>98</i>	<i>79-123</i>				
<i>4-Bromofluorobenzene</i>	<i>98</i>	<i>78-117</i>				



Date of Report: October 15, 2025
 Samples Submitted: October 7, 2025
 Laboratory Reference: 2510-114
 Project: 0651-002

VOLATILE ORGANICS EPA 8260D

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: IW31-20251006						
Laboratory ID: 10-114-07						
Vinyl Chloride	ND	0.20	EPA 8260D	10-8-25	10-8-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
(cis) 1,2-Dichloroethene	3.6	0.20	EPA 8260D	10-8-25	10-8-25	
Trichloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
Tetrachloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	89	68-133				
<i>Toluene-d8</i>	97	79-123				
<i>4-Bromofluorobenzene</i>	99	78-117				

Client ID: IW32-20251006						
Laboratory ID: 10-114-08						
Vinyl Chloride	3500	20	EPA 8260D	10-8-25	10-8-25	
(trans) 1,2-Dichloroethene	24	20	EPA 8260D	10-8-25	10-8-25	
(cis) 1,2-Dichloroethene	7300	40	EPA 8260D	10-10-25	10-10-25	
Trichloroethene	180	20	EPA 8260D	10-8-25	10-8-25	
Tetrachloroethene	570	20	EPA 8260D	10-8-25	10-8-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	84	68-133				
<i>Toluene-d8</i>	98	79-123				
<i>4-Bromofluorobenzene</i>	93	78-117				

Client ID: IW33-20251006						
Laboratory ID: 10-114-09						
Vinyl Chloride	4.2	0.20	EPA 8260D	10-8-25	10-8-25	
(trans) 1,2-Dichloroethene	0.44	0.20	EPA 8260D	10-8-25	10-8-25	
(cis) 1,2-Dichloroethene	42	0.20	EPA 8260D	10-8-25	10-8-25	
Trichloroethene	0.56	0.20	EPA 8260D	10-8-25	10-8-25	
Tetrachloroethene	0.94	0.20	EPA 8260D	10-8-25	10-8-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	89	68-133				
<i>Toluene-d8</i>	98	79-123				
<i>4-Bromofluorobenzene</i>	99	78-117				



Date of Report: October 15, 2025
 Samples Submitted: October 7, 2025
 Laboratory Reference: 2510-114
 Project: 0651-002

VOLATILE ORGANICS EPA 8260D

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: IW34-20251006						
Laboratory ID: 10-114-10						
Vinyl Chloride	7400	40	EPA 8260D	10-8-25	10-8-25	
(trans) 1,2-Dichloroethene	360	40	EPA 8260D	10-8-25	10-8-25	
(cis) 1,2-Dichloroethene	15000	100	EPA 8260D	10-10-25	10-10-25	
Trichloroethene	65	40	EPA 8260D	10-8-25	10-8-25	
Tetrachloroethene	ND	40	EPA 8260D	10-8-25	10-8-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>90</i>	<i>68-133</i>				
<i>Toluene-d8</i>	<i>97</i>	<i>79-123</i>				
<i>4-Bromofluorobenzene</i>	<i>94</i>	<i>78-117</i>				

Client ID: IW55-20251006						
Laboratory ID: 10-114-11						
Vinyl Chloride	0.86	0.20	EPA 8260D	10-8-25	10-8-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
(cis) 1,2-Dichloroethene	1.1	0.20	EPA 8260D	10-8-25	10-8-25	
Trichloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
Tetrachloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>90</i>	<i>68-133</i>				
<i>Toluene-d8</i>	<i>99</i>	<i>79-123</i>				
<i>4-Bromofluorobenzene</i>	<i>98</i>	<i>78-117</i>				

Client ID: IW57-20251006						
Laboratory ID: 10-114-12						
Vinyl Chloride	ND	0.20	EPA 8260D	10-8-25	10-8-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
Trichloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
Tetrachloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>90</i>	<i>68-133</i>				
<i>Toluene-d8</i>	<i>97</i>	<i>79-123</i>				
<i>4-Bromofluorobenzene</i>	<i>98</i>	<i>78-117</i>				



Date of Report: October 15, 2025
 Samples Submitted: October 7, 2025
 Laboratory Reference: 2510-114
 Project: 0651-002

VOLATILE ORGANICS EPA 8260D

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: IW59-20251006						
Laboratory ID: 10-114-13						
Vinyl Chloride	0.40	0.20	EPA 8260D	10-8-25	10-8-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
(cis) 1,2-Dichloroethene	2.1	0.20	EPA 8260D	10-8-25	10-8-25	
Trichloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
Tetrachloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>88</i>	<i>68-133</i>				
<i>Toluene-d8</i>	<i>99</i>	<i>79-123</i>				
<i>4-Bromofluorobenzene</i>	<i>98</i>	<i>78-117</i>				

Client ID: IW60-20251006						
Laboratory ID: 10-114-14						
Vinyl Chloride	ND	0.20	EPA 8260D	10-8-25	10-8-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
Trichloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
Tetrachloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>90</i>	<i>68-133</i>				
<i>Toluene-d8</i>	<i>97</i>	<i>79-123</i>				
<i>4-Bromofluorobenzene</i>	<i>98</i>	<i>78-117</i>				

Client ID: IW61-20251006						
Laboratory ID: 10-114-15						
Vinyl Chloride	3.2	0.80	EPA 8260D	10-8-25	10-8-25	
(trans) 1,2-Dichloroethene	ND	0.80	EPA 8260D	10-8-25	10-8-25	
(cis) 1,2-Dichloroethene	6.7	0.80	EPA 8260D	10-8-25	10-8-25	
Trichloroethene	ND	0.80	EPA 8260D	10-8-25	10-8-25	
Tetrachloroethene	ND	0.80	EPA 8260D	10-8-25	10-8-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>86</i>	<i>68-133</i>				
<i>Toluene-d8</i>	<i>96</i>	<i>79-123</i>				
<i>4-Bromofluorobenzene</i>	<i>90</i>	<i>78-117</i>				



Date of Report: October 15, 2025
 Samples Submitted: October 7, 2025
 Laboratory Reference: 2510-114
 Project: 0651-002

**VOLATILE ORGANICS EPA 8260D
 QUALITY CONTROL**

Matrix: Water

Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1008W1					
Vinyl Chloride	ND	0.20	EPA 8260D	10-8-25	10-8-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
Trichloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
Tetrachloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	88	68-133				
Toluene-d8	96	79-123				
4-Bromofluorobenzene	97	78-117				
Laboratory ID:	MB1010W1					
Vinyl Chloride	ND	0.20	EPA 8260D	10-10-25	10-10-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-10-25	10-10-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-10-25	10-10-25	
Trichloroethene	ND	0.20	EPA 8260D	10-10-25	10-10-25	
Tetrachloroethene	ND	0.20	EPA 8260D	10-10-25	10-10-25	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	98	68-133				
Toluene-d8	98	79-123				
4-Bromofluorobenzene	101	78-117				



Date of Report: October 15, 2025
 Samples Submitted: October 7, 2025
 Laboratory Reference: 2510-114
 Project: 0651-002

**VOLATILE ORGANICS EPA 8260D
 QUALITY CONTROL**

Matrix: Water

Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1008W1									
	SB	SBD	SB	SBD	SB	SBD				
Vinyl Chloride	9.35	9.45	10.0	10.0	94	95	67-131	1	16	
(trans) 1,2-Dichloroethene	9.29	9.49	10.0	10.0	93	95	76-126	2	15	
(cis) 1,2-Dichloroethene	9.40	9.59	10.0	10.0	94	96	77-129	2	15	
Trichloroethene	10.6	10.9	10.0	10.0	106	109	80-130	3	15	
Tetrachloroethene	10.9	11.3	10.0	10.0	109	113	80-130	4	20	
Surrogate:										
Dibromofluoromethane					91	91	68-133			
Toluene-d8					98	99	79-123			
4-Bromofluorobenzene					99	99	78-117			
Laboratory ID:	SB1010W1									
	SB	SBD	SB	SBD	SB	SBD				
Vinyl Chloride	11.5	12.7	10.0	10.0	115	127	67-131	10	16	
(trans) 1,2-Dichloroethene	11.0	12.1	10.0	10.0	110	121	76-126	10	15	
(cis) 1,2-Dichloroethene	11.0	12.2	10.0	10.0	110	122	77-129	10	15	
Trichloroethene	11.5	12.7	10.0	10.0	115	127	80-130	10	15	
Tetrachloroethene	11.3	12.4	10.0	10.0	113	124	80-130	9	20	
Surrogate:										
Dibromofluoromethane					95	100	68-133			
Toluene-d8					100	100	79-123			
4-Bromofluorobenzene					103	101	78-117			





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





onsite
Environmental Inc.

Analytical Laboratory Testing Services
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Chain of Custody

Page 1 of 2

Turnaround Request (in working days) (Check One)				Laboratory Number: 10-114													
☐ Same Day ☐ 1 Day ☐ 2 Days ☐ 3 Days ☒ Standard (7 Days)																	
☐ _____ (other)																	
Company: SoundEarth Strategies																	
Project Number: 0651-002																	
Project Name: The Hearthstone																	
Project Manager: Tom Cammarata																	
Sampled by: Linnea Coleman																	
Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers												
1	IW07-20251006	10/6/25	1245	H ₂ O	3	X											
2	IW08-20251006		1235			X											
3	IW15-20251006		1350			X											
4	IW16-20251006		1330			X											
5	IW21-20251006		1345			X											
6	IW22-20251006		1400			X											
7	IW31-20251006		1200			X											
8	IW32-20251006		1255			X											
9	IW33-20251006		1215			X											
10	IW34-20251006		1220			X											
Signature: <i>Linnea Coleman</i>				Company: Sound Earth				Date: 10/7/25	Time: 1612	Comments/Special Instructions: 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							
Relinquished				Relinquished				Date: 10/7/25	Time: 1600	Data Package: Standard ☐ Level III ☐ Level IV ☐							
Received				Received				Date: 10/7/25	Time: 1750	Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☒							
Relinquished				Relinquished													
Received				Received													
Relinquished				Relinquished													
Received				Received													
Relinquished				Relinquished													
Reviewed/Date				Reviewed/Date													

Chain of Custody

Page 2 of 2

Company: SoundEarth Strategies		Turnaround Request (in working days)		Laboratory Number: 10-114											
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	IWSS-20251006	10/6/25	1440	H ₂ O	3	CVOCs									
12	IWS7-20251006		1445			Dissolved Gases (Methane, Ethane, Ethene) by RSK-175									
13	IWS9-20251006		1500			Sulfate, Chloride, Nitrate									
14	IW60-20251006		1520			TOC by SM 310B									
15	IW61-20251006		1510			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									
Signature		Company		Date	Time	Comments/Special Instructions									
[Signature]		Sound Earth		10/7/25	1612	Direct bill to The Hearthstone CVOCs = PCE, TCE, cis/trans-1,2-DCE, VC									
[Signature]		Alpha		10/7	1600	Analyze samples at the lowest dilution possible.									
[Signature]		Alpha		10/11/25	1750	Send lab reports to Tom & Linnea									
Reviewed/Date		Reviewed/Date		Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☒											

Sample/Cooler Receipt and Acceptance Checklist

Client: SES
 Client Project Name/Number: 0651-002
 OnSite Project Number: 10-114

Initiated by: [Signature]
 Date Initiated: 10/7/25

1.0 Cooler Verification

1.1 Were there custody seals on the outside of the cooler?	Yes	☒ No	N/A	1	2	3	4
1.2 Were the custody seals intact?	Yes	No	☒ N/A	1	2	3	4
1.3 Were the custody seals signed and dated by last custodian?	Yes	No	☒ N/A	1	2	3	4
1.4 Were the samples delivered on ice or blue ice?	☒ Yes	No	N/A	1	2	3	4
1.5 Were samples received between 0-6 degrees Celsius?	☒ Yes	No	Temperature: <u>6</u>				
1.6 Have shipping bills (if any) been attached to the back of this form?	Yes	☒ N/A					
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	1	2	3	4
2.2 Was the COC legible and written in permanent ink?	☒ Yes	No	1	2	3	4
2.3 Have samples been relinquished and accepted by each custodian?	☒ Yes	No	1	2	3	4
2.4 Did the sample labels (ID, date, time, preservative) agree with COC?	☒ Yes	No	1	2	3	4
2.5 Were all of the samples listed on the COC submitted?	☒ Yes	No	1	2	3	4
2.6 Were any of the samples submitted omitted from the COC?	Yes	☒ No	1	2	3	4

3.0 Sample Verification

3.1 Were any sample containers broken or compromised?	Yes	☒ No	1	2	3	4	
3.2 Were any sample labels missing or illegible?	Yes	☒ No	1	2	3	4	
3.3 Have the correct containers been used for each analysis requested?	☒ Yes	No	1	2	3	4	
3.4 Have the samples been correctly preserved?	☒ Yes	No	N/A	1	2	3	4
3.5 Are volatile samples free from headspace and bubbles greater than 6mm?	☒ Yes	No	N/A	1	2	3	4
3.6 Is there sufficient sample submitted to perform requested analyses?	☒ Yes	No	1	2	3	4	
3.7 Have any holding times already expired or will expire in 24 hours?	Yes	☒ No	1	2	3	4	
3.8 Was method 5035A used?	Yes	No	☒ N/A	1	2	3	4
3.9 If 5035A was used, which sampling option was used (#1, 2, or 3).	#	☒ N/A	1	2	3	4	

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

November 7, 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. 2510-115

Dear Tom:

Enclosed are the analytical results and associated quality control data for samples submitted on October 7, 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 7, 2025
Samples Submitted: October 7, 2025
Laboratory Reference: 2510-115
Project: 0651-002

Case Narrative

Samples were collected on October 7, 2025 and received by the laboratory on October 7, 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 7, 2025
 Samples Submitted: October 7, 2025
 Laboratory Reference: 2510-115
 Project: 0651-002

VOLATILE ORGANICS EPA 8260D

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: MW03-20251007						
Laboratory ID: 10-115-01						
Vinyl Chloride	1.5	0.20	EPA 8260D	10-8-25	10-8-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
(cis) 1,2-Dichloroethene	7.0	0.20	EPA 8260D	10-8-25	10-8-25	
Trichloroethene	5.1	0.20	EPA 8260D	10-8-25	10-8-25	
Tetrachloroethene	3.8	0.20	EPA 8260D	10-8-25	10-8-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	90	68-133				
<i>Toluene-d8</i>	99	79-123				
<i>4-Bromofluorobenzene</i>	95	78-117				

Client ID: MW06-20251007						
Laboratory ID: 10-115-02						
Vinyl Chloride	11	0.20	EPA 8260D	10-8-25	10-8-25	
(trans) 1,2-Dichloroethene	0.46	0.20	EPA 8260D	10-8-25	10-8-25	
(cis) 1,2-Dichloroethene	4.2	0.20	EPA 8260D	10-8-25	10-8-25	
Trichloroethene	1.1	0.20	EPA 8260D	10-8-25	10-8-25	
Tetrachloroethene	0.50	0.20	EPA 8260D	10-8-25	10-8-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	89	68-133				
<i>Toluene-d8</i>	99	79-123				
<i>4-Bromofluorobenzene</i>	96	78-117				

Client ID: MW24-20251007						
Laboratory ID: 10-115-06						
Vinyl Chloride	1.4	0.20	EPA 8260D	10-8-25	10-8-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
Trichloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
Tetrachloroethene	0.29	0.20	EPA 8260D	10-8-25	10-8-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	92	68-133				
<i>Toluene-d8</i>	98	79-123				
<i>4-Bromofluorobenzene</i>	95	78-117				



Date of Report: November 7, 2025
 Samples Submitted: October 7, 2025
 Laboratory Reference: 2510-115
 Project: 0651-002

VOLATILE ORGANICS EPA 8260D

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: MW27-20251007						
Laboratory ID: 10-115-07						
Vinyl Chloride	ND	0.20	EPA 8260D	10-8-25	10-8-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
Trichloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
Tetrachloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	92	68-133				
<i>Toluene-d8</i>	99	79-123				
<i>4-Bromofluorobenzene</i>	94	78-117				

Client ID: MW34-20251007						
Laboratory ID: 10-115-08						
Vinyl Chloride	0.99	0.20	EPA 8260D	10-8-25	10-8-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
(cis) 1,2-Dichloroethene	0.61	0.20	EPA 8260D	10-8-25	10-8-25	
Trichloroethene	0.21	0.20	EPA 8260D	10-8-25	10-8-25	
Tetrachloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	88	68-133				
<i>Toluene-d8</i>	97	79-123				
<i>4-Bromofluorobenzene</i>	94	78-117				

Client ID: MW36-20251007						
Laboratory ID: 10-115-09						
Vinyl Chloride	ND	0.20	EPA 8260D	10-8-25	10-8-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
Trichloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
Tetrachloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	91	68-133				
<i>Toluene-d8</i>	98	79-123				
<i>4-Bromofluorobenzene</i>	95	78-117				



Date of Report: November 7, 2025
 Samples Submitted: October 7, 2025
 Laboratory Reference: 2510-115
 Project: 0651-002

VOLATILE ORGANICS EPA 8260D

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: MW37-20251007						
Laboratory ID: 10-115-10						
Vinyl Chloride	ND	0.20	EPA 8260D	10-8-25	10-8-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
Trichloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
Tetrachloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	89	68-133				
<i>Toluene-d8</i>	99	79-123				
<i>4-Bromofluorobenzene</i>	96	78-117				

Client ID: MW99-20251007						
Laboratory ID: 10-115-11						
Vinyl Chloride	12	0.20	EPA 8260D	10-8-25	10-8-25	
(trans) 1,2-Dichloroethene	0.44	0.20	EPA 8260D	10-8-25	10-8-25	
(cis) 1,2-Dichloroethene	4.1	0.20	EPA 8260D	10-8-25	10-8-25	
Trichloroethene	1.1	0.20	EPA 8260D	10-8-25	10-8-25	
Tetrachloroethene	0.51	0.20	EPA 8260D	10-8-25	10-8-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	88	68-133				
<i>Toluene-d8</i>	101	79-123				
<i>4-Bromofluorobenzene</i>	95	78-117				



Date of Report: November 7, 2025
 Samples Submitted: October 7, 2025
 Laboratory Reference: 2510-115
 Project: 0651-002

**VOLATILE ORGANICS EPA 8260D
 QUALITY CONTROL**

Matrix: Water

Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1008W2					
Vinyl Chloride	ND	0.20	EPA 8260D	10-8-25	10-8-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
Trichloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
Tetrachloroethene	ND	0.20	EPA 8260D	10-8-25	10-8-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	91	68-133				
<i>Toluene-d8</i>	96	79-123				
<i>4-Bromofluorobenzene</i>	92	78-117				

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SBD1008W2									
	SB	SBD	SB	SBD	SB	SBD				
Vinyl Chloride	9.19	9.67	10.0	10.0	92	97	67-131	5	16	
(trans) 1,2-Dichloroethene	10.6	11.4	10.0	10.0	106	114	76-126	7	15	
(cis) 1,2-Dichloroethene	10.1	11.2	10.0	10.0	101	112	77-129	10	15	
Trichloroethene	11.0	12.1	10.0	10.0	110	121	80-130	10	15	
Tetrachloroethene	11.5	12.9	10.0	10.0	115	129	80-130	11	20	
Surrogate:										
Dibromofluoromethane					90	91	68-133			
Toluene-d8					98	99	79-123			
4-Bromofluorobenzene					96	99	78-117			



Date of Report: November 7, 2025
 Samples Submitted: October 7, 2025
 Laboratory Reference: 2510-115
 Project: 0651-002

**DISSOLVED GASES
RSK 175**

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	MW03-20251007					
Laboratory ID:	10-115-01					
Methane	680	5.5	RSK 175	10-9-25	10-9-25	
Ethane	ND	0.56	RSK 175	10-9-25	10-9-25	
Ethene	ND	0.58	RSK 175	10-9-25	10-9-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>1-Butene</i>	<i>119</i>	<i>50-150</i>				

Client ID:	MW06-20251007					
Laboratory ID:	10-115-02					
Methane	4400	33	RSK 175	10-9-25	10-9-25	
Ethane	ND	0.56	RSK 175	10-9-25	10-9-25	
Ethene	ND	0.58	RSK 175	10-9-25	10-9-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>1-Butene</i>	<i>104</i>	<i>50-150</i>				

Client ID:	MW11-20251007					
Laboratory ID:	10-115-03					
Methane	10	0.55	RSK 175	10-9-25	10-9-25	
Ethane	ND	0.56	RSK 175	10-9-25	10-9-25	
Ethene	ND	0.58	RSK 175	10-9-25	10-9-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>1-Butene</i>	<i>107</i>	<i>50-150</i>				

Client ID:	MW13-20251007					
Laboratory ID:	10-115-04					
Methane	1.5	0.55	RSK 175	10-9-25	10-9-25	
Ethane	ND	0.56	RSK 175	10-9-25	10-9-25	
Ethene	ND	0.58	RSK 175	10-9-25	10-9-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>1-Butene</i>	<i>112</i>	<i>50-150</i>				

Client ID:	MW19-20251007					
Laboratory ID:	10-115-05					
Methane	4.5	0.55	RSK 175	10-9-25	10-9-25	
Ethane	ND	0.56	RSK 175	10-9-25	10-9-25	
Ethene	ND	0.58	RSK 175	10-9-25	10-9-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>1-Butene</i>	<i>108</i>	<i>50-150</i>				



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 7, 2025
 Samples Submitted: October 7, 2025
 Laboratory Reference: 2510-115
 Project: 0651-002

**DISSOLVED GASES
RSK 175**

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	MW24-20251007					
Laboratory ID:	10-115-06					
Methane	1900	33	RSK 175	10-9-25	10-9-25	
Ethane	ND	0.56	RSK 175	10-9-25	10-9-25	
Ethene	ND	0.58	RSK 175	10-9-25	10-9-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>1-Butene</i>	<i>123</i>	<i>50-150</i>				

Client ID:	MW27-20251007					
Laboratory ID:	10-115-07					
Methane	3.4	0.55	RSK 175	10-9-25	10-9-25	
Ethane	ND	0.56	RSK 175	10-9-25	10-9-25	
Ethene	ND	0.58	RSK 175	10-9-25	10-9-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>1-Butene</i>	<i>117</i>	<i>50-150</i>				

Client ID:	MW34-20251007					
Laboratory ID:	10-115-08					
Methane	160	2.8	RSK 175	10-9-25	10-9-25	
Ethane	ND	0.56	RSK 175	10-9-25	10-9-25	
Ethene	0.98	0.58	RSK 175	10-9-25	10-9-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>1-Butene</i>	<i>107</i>	<i>50-150</i>				

Client ID:	MW36-20251007					
Laboratory ID:	10-115-09					
Methane	57	0.55	RSK 175	10-9-25	10-9-25	
Ethane	ND	0.56	RSK 175	10-9-25	10-9-25	
Ethene	ND	0.58	RSK 175	10-9-25	10-9-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>1-Butene</i>	<i>122</i>	<i>50-150</i>				



Date of Report: November 7, 2025
 Samples Submitted: October 7, 2025
 Laboratory Reference: 2510-115
 Project: 0651-002

**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:	MB1009W1					
Methane	ND	0.55	RSK 175	10-9-25	10-9-25	
Ethane	ND	0.56	RSK 175	10-9-25	10-9-25	
Ethene	ND	0.58	RSK 175	10-9-25	10-9-25	
Surrogate:	Percent Recovery	Control Limits				
1-Butene	111	50-150				

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
					Recovery					
SPIKE BLANK										
Laboratory ID:	SB1009W1									
	SB	SBD	SB	SBD	SB	SBD				
Methane	41.7	40.0	44.2	44.2	94	91	75-125	4	25	
Ethane	79.8	76.2	83.2	83.2	96	92	75-125	5	25	
Ethene	86.9	80.7	77.7	77.7	112	104	75-125	7	25	
Surrogate:										
1-Butene					108	101	50-150			



Date of Report: November 7, 2025
 Samples Submitted: October 7, 2025
 Laboratory Reference: 2510-115
 Project: 0651-002

SULFATE
ASTM D516-11

Matrix: Water
 Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	MW03-20251007					
Laboratory ID:	10-115-01					
Sulfate	50	10	ASTM D516-16	10-8-25	10-8-25	

Client ID:	MW06-20251007					
Laboratory ID:	10-115-02					
Sulfate	ND	5.0	ASTM D516-16	10-8-25	10-8-25	

Client ID:	MW11-20251007					
Laboratory ID:	10-115-03					
Sulfate	39	10	ASTM D516-16	10-8-25	10-8-25	

Client ID:	MW13-20251007					
Laboratory ID:	10-115-04					
Sulfate	32	5.0	ASTM D516-16	10-8-25	10-8-25	

Client ID:	MW19-20251007					
Laboratory ID:	10-115-05					
Sulfate	37	5.0	ASTM D516-16	10-8-25	10-8-25	

Client ID:	MW24-20251007					
Laboratory ID:	10-115-06					
Sulfate	ND	5.0	ASTM D516-16	10-8-25	10-8-25	

Client ID:	MW27-20251007					
Laboratory ID:	10-115-07					
Sulfate	15	5.0	ASTM D516-16	10-8-25	10-8-25	

Client ID:	MW34-20251007					
Laboratory ID:	10-115-08					
Sulfate	48	10	ASTM D516-16	10-8-25	10-8-25	

Client ID:	MW36-20251007					
Laboratory ID:	10-115-09					
Sulfate	26	5.0	ASTM D516-16	10-8-25	10-8-25	



Date of Report: November 7, 2025
 Samples Submitted: October 7, 2025
 Laboratory Reference: 2510-115
 Project: 0651-002

**SULFATE
 ASTM D516-11
 QUALITY CONTROL**

Matrix: Water

Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1008W1					
Sulfate	ND	5.0	ASTM D516-16	10-8-25	10-8-25	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	10-115-02							
	ORIG	DUP						
Sulfate	ND	ND	NA	NA	NA	NA	11	

MATRIX SPIKE

Laboratory ID:	10-115-02							
	MS	MS		MS				
Sulfate	10.7	10.0	ND	107	70-131	NA	NA	

SPIKE BLANK

Laboratory ID:	SB1008W1							
	SB	SB		SB				
Sulfate	9.16	10.0	NA	92	83-113	NA	NA	



Date of Report: November 7, 2025
 Samples Submitted: October 7, 2025
 Laboratory Reference: 2510-115
 Project: 0651-002

CHLORIDE
SM 4500-Cl E

Matrix: Water
 Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	MW03-20251007					
Laboratory ID:	10-115-01					
Chloride	25	2.0	SM 4500-Cl E	10-10-25	10-10-25	

Client ID:	MW06-20251007					
Laboratory ID:	10-115-02					
Chloride	93	2.0	SM 4500-Cl E	10-10-25	10-10-25	

Client ID:	MW11-20251007					
Laboratory ID:	10-115-03					
Chloride	12	2.0	SM 4500-Cl E	10-10-25	10-10-25	

Client ID:	MW13-20251007					
Laboratory ID:	10-115-04					
Chloride	7.5	2.0	SM 4500-Cl E	10-10-25	10-10-25	

Client ID:	MW19-20251007					
Laboratory ID:	10-115-05					
Chloride	45	2.0	SM 4500-Cl E	10-10-25	10-10-25	

Client ID:	MW24-20251007					
Laboratory ID:	10-115-06					
Chloride	150	4.0	SM 4500-Cl E	10-10-25	10-10-25	

Client ID:	MW27-20251007					
Laboratory ID:	10-115-07					
Chloride	200	4.0	SM 4500-Cl E	10-10-25	10-10-25	

Client ID:	MW34-20251007					
Laboratory ID:	10-115-08					
Chloride	11	2.0	SM 4500-Cl E	10-10-25	10-10-25	

Client ID:	MW36-20251007					
Laboratory ID:	10-115-09					
Chloride	34	2.0	SM 4500-Cl E	10-10-25	10-10-25	



Date of Report: November 7, 2025
 Samples Submitted: October 7, 2025
 Laboratory Reference: 2510-115
 Project: 0651-002

**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:	MB1010W1					
Chloride	ND	2.0	SM 4500-Cl E	10-10-25	10-10-25	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	10-115-01							
	ORIG	DUP						
Chloride	24.9	24.1	NA	NA	NA	NA	3	15

MATRIX SPIKES

Laboratory ID:	10-115-01										
	MS	MSD	MS	MSD		MS	MSD				
Chloride	75.1	73.3	50.0	50.0	24.9	100	97	79-131	2	20	

SPIKE BLANK

Laboratory ID:	SB1010W1										
	SB		SB			SB					
Chloride	47.6		50.0		NA	95		82-123	NA	NA	



Date of Report: November 7, 2025
 Samples Submitted: October 7, 2025
 Laboratory Reference: 2510-115
 Project: 0651-002

NITRATE (as Nitrogen)
EPA 353.2

Matrix: Water
 Units: mg/L-N

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	MW03-20251007					
Laboratory ID:	10-115-01					
Nitrate	ND	0.050	EPA 353.2	10-8-25	10-8-25	

Client ID:	MW06-20251007					
Laboratory ID:	10-115-02					
Nitrate	ND	0.050	EPA 353.2	10-8-25	10-8-25	

Client ID:	MW11-20251007					
Laboratory ID:	10-115-03					
Nitrate	ND	0.050	EPA 353.2	10-8-25	10-8-25	

Client ID:	MW13-20251007					
Laboratory ID:	10-115-04					
Nitrate	ND	0.050	EPA 353.2	10-8-25	10-8-25	

Client ID:	MW19-20251007					
Laboratory ID:	10-115-05					
Nitrate	0.73	0.050	EPA 353.2	10-8-25	10-8-25	

Client ID:	MW24-20251007					
Laboratory ID:	10-115-06					
Nitrate	ND	0.050	EPA 353.2	10-8-25	10-8-25	

Client ID:	MW27-20251007					
Laboratory ID:	10-115-07					
Nitrate	ND	0.050	EPA 353.2	10-8-25	10-8-25	

Client ID:	MW34-20251007					
Laboratory ID:	10-115-08					
Nitrate	ND	0.050	EPA 353.2	10-8-25	10-8-25	

Client ID:	MW36-20251007					
Laboratory ID:	10-115-09					
Nitrate	ND	0.050	EPA 353.2	10-8-25	10-8-25	



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 7, 2025
 Samples Submitted: October 7, 2025
 Laboratory Reference: 2510-115
 Project: 0651-002

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:	MB1008W1					
Nitrate	ND	0.050	EPA 353.2	10-8-25	10-8-25	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	10-115-01							
	ORIG	DUP						
Nitrate	ND	ND	NA	NA	NA	NA	23	

MATRIX SPIKE

Laboratory ID:	10-115-01							
	MS	MS		MS				
Nitrate	2.30	2.00	ND	115	74-130	NA	NA	

SPIKE BLANK

Laboratory ID:	SB1008W1							
	SB	SB		SB				
Nitrate	2.48	2.00	NA	124	82-128	NA	NA	



Date of Report: November 7, 2025
 Samples Submitted: October 7, 2025
 Laboratory Reference: 2510-115
 Project: 0651-002

**TOTAL ORGANIC CARBON
 SM 5310B**

Matrix: Water
 Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	MW03-20251007					
Laboratory ID:	10-115-01					
Total Organic Carbon	5.8	1.0	SM 5310B	10-10-25	10-10-25	

Client ID:	MW06-20251007					
Laboratory ID:	10-115-02					
Total Organic Carbon	4.0	1.0	SM 5310B	10-10-25	10-10-25	

Client ID:	MW11-20251007					
Laboratory ID:	10-115-03					
Total Organic Carbon	ND	1.0	SM 5310B	10-10-25	10-10-25	

Client ID:	MW13-20251007					
Laboratory ID:	10-115-04					
Total Organic Carbon	ND	1.0	SM 5310B	10-10-25	10-10-25	

Client ID:	MW19-20251007					
Laboratory ID:	10-115-05					
Total Organic Carbon	1.3	1.0	SM 5310B	10-10-25	10-10-25	

Client ID:	MW24-20251007					
Laboratory ID:	10-115-06					
Total Organic Carbon	33	1.0	SM 5310B	10-10-25	10-10-25	

Client ID:	MW34-20251007					
Laboratory ID:	10-115-08					
Total Organic Carbon	1.5	1.0	SM 5310B	10-10-25	10-10-25	

Client ID:	MW36-20251007					
Laboratory ID:	10-115-09					
Total Organic Carbon	3.3	1.0	SM 5310B	10-10-25	10-10-25	



Date of Report: November 7, 2025
 Samples Submitted: October 7, 2025
 Laboratory Reference: 2510-115
 Project: 0651-002

**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:	MB1010W1					
Total Organic Carbon	ND	1.0	SM 5310B	10-10-25	10-10-25	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	10-115-01							
	ORIG	DUP						
Total Organic Carbon	5.80	5.79	NA	NA	NA	NA	0	10

MATRIX SPIKES

Laboratory ID:	10-115-01									
	MS	MSD	MS	MSD	MS	MSD				
Total Organic Carbon	17.0	17.1	10.0	10.0	5.80	112	113	70-136	1	20

SPIKE BLANK

Laboratory ID:	SB1010W1									
	SB		SB		SB					
Total Organic Carbon	10.5		10.0		NA	105		83-130	NA	NA



Date of Report: November 7, 2025
 Samples Submitted: October 7, 2025
 Laboratory Reference: 2510-115
 Project: 0651-002

TOTAL METALS
EPA 200.7

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: MW03-20251007						
Laboratory ID:	10-115-01					
Iron	3100	50	EPA 200.7	10-14-25	10-14-25	
Manganese	1100	10	EPA 200.7	10-14-25	10-14-25	

Client ID: MW06-20251007						
Laboratory ID:	10-115-02					
Iron	3300	50	EPA 200.7	10-14-25	10-14-25	
Manganese	1400	10	EPA 200.7	10-14-25	10-14-25	

Client ID: MW11-20251007						
Laboratory ID:	10-115-03					
Iron	370	50	EPA 200.7	10-14-25	10-14-25	
Manganese	440	10	EPA 200.7	10-14-25	10-14-25	

Client ID: MW13-20251007						
Laboratory ID:	10-115-04					
Iron	370	50	EPA 200.7	10-14-25	10-14-25	
Manganese	330	10	EPA 200.7	10-14-25	10-14-25	

Client ID: MW19-20251007						
Laboratory ID:	10-115-05					
Iron	ND	50	EPA 200.7	10-14-25	10-14-25	
Manganese	79	10	EPA 200.7	10-14-25	10-14-25	

Client ID: MW24-20251007						
Laboratory ID:	10-115-06					
Iron	21000	50	EPA 200.7	10-14-25	10-14-25	
Manganese	1100	10	EPA 200.7	10-14-25	10-14-25	

Client ID: MW27-20251007						
Laboratory ID:	10-115-07					
Iron	14000	50	EPA 200.7	10-14-25	10-14-25	
Manganese	260	10	EPA 200.7	10-14-25	10-14-25	



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Date of Report: November 7, 2025
 Samples Submitted: October 7, 2025
 Laboratory Reference: 2510-115
 Project: 0651-002

**TOTAL METALS
 EPA 200.7**

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: MW34-20251007						
Laboratory ID: 10-115-08						
Iron	240	50	EPA 200.7	10-14-25	10-14-25	
Manganese	78	10	EPA 200.7	10-14-25	10-14-25	

Client ID: MW36-20251007						
Laboratory ID: 10-115-09						
Iron	710	50	EPA 200.7	10-14-25	10-14-25	
Manganese	340	10	EPA 200.7	10-14-25	10-14-25	



Date of Report: November 7, 2025
 Samples Submitted: October 7, 2025
 Laboratory Reference: 2510-115
 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:	MB1014WH1					
Iron	ND	50	EPA 200.7	10-14-25	10-14-25	
Manganese	ND	10	EPA 200.7	10-14-25	10-14-25	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	10-073-02							
	ORIG	DUP						
Iron	ND	ND	NA	NA	NA	NA	NA	20
Manganese	ND	ND	NA	NA	NA	NA	NA	20

MATRIX SPIKES

Laboratory ID:	10-073-02									
	MS	MSD	MS	MSD		MS	MSD			
Iron	22000	21300	20000	20000	ND	110	106	75-125	3	20
Manganese	519	499	500	500	ND	104	100	75-125	4	20





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



OnSite Environmental Inc

David Baumeister
14648 NE 95th Street
Redmond, WA 98052

RE: The Hearthstone, 0651-002

Work Order Number: 2510197

October 14, 2025

Attention David Baumeister:

Alliance Technical Group, LLC - Seattle received 8 sample(s) on 10/7/2025 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,



Brianna Barnes
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



CLIENT: OnSite Environmental Inc
Project: The Hearthstone
Work Order: 2510197

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2510197-001	MW03-20251007	10/07/2025 3:00 PM	10/07/2025 4:34 PM
2510197-002	MW06-20251007	10/07/2025 10:10 AM	10/07/2025 4:34 PM
2510197-003	MW10-20251007	10/07/2025 12:35 PM	10/07/2025 4:34 PM
2510197-004	MW13-20251007	10/07/2025 10:55 AM	10/07/2025 4:34 PM
2510197-005	MW19-20251007	10/07/2025 9:40 AM	10/07/2025 4:34 PM
2510197-006	MW24-20251007	10/07/2025 1:55 PM	10/07/2025 4:34 PM
2510197-007	MW34-20251007	10/07/2025 12:20 PM	10/07/2025 4:34 PM
2510197-008	MW36-20251007	10/07/2025 2:55 PM	10/07/2025 4:34 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: 2510197-001 **Collection Date:** 10/7/2025 3:00:00 PM
Client Sample ID: MW03-20251007 **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<u>Ferrous Iron by SM3500-Fe B</u>				Batch ID: R10365		Analyst: SLL
Ferrous Iron	5.18	1.50	D	mg/L	10	10/8/2025 2:41:50 PM

Lab ID: 2510197-002 **Collection Date:** 10/7/2025 10:10:00 AM
Client Sample ID: MW06-20251007 **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<u>Ferrous Iron by SM3500-Fe B</u>				Batch ID: R10365		Analyst: SLL
Ferrous Iron	6.01	1.50	DH	mg/L	10	10/8/2025 2:41:50 PM

Lab ID: 2510197-003 **Collection Date:** 10/7/2025 12:35:00 PM
Client Sample ID: MW10-20251007 **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<u>Ferrous Iron by SM3500-Fe B</u>				Batch ID: R10365		Analyst: SLL
Ferrous Iron	ND	0.150	H	mg/L	1	10/8/2025 2:41:50 PM

Lab ID: 2510197-004 **Collection Date:** 10/7/2025 10:55:00 AM
Client Sample ID: MW13-20251007 **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<u>Ferrous Iron by SM3500-Fe B</u>				Batch ID: R10365		Analyst: SLL
Ferrous Iron	ND	0.150	H	mg/L	1	10/8/2025 2:41:50 PM

CLIENT: OnSite Environmental Inc

Project: The Hearthstone

Lab ID: 2510197-005

Client Sample ID: MW19-20251007

Collection Date: 10/7/2025 9:40:00 AM

Matrix: Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Ferrous Iron by SM3500-Fe B

Batch ID: R10365

Analyst: SLL

Ferrous Iron	ND	0.150	H	mg/L	1	10/8/2025 2:41:50 PM
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Lab ID: 2510197-006

Client Sample ID: MW24-20251007

Collection Date: 10/7/2025 1:55:00 PM

Matrix: Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Ferrous Iron by SM3500-Fe B

Batch ID: R10365

Analyst: SLL

Ferrous Iron	20.4	3.75	DH	mg/L	25	10/8/2025 2:41:50 PM
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Lab ID: 2510197-007

Client Sample ID: MW34-20251007

Collection Date: 10/7/2025 12:20:00 PM

Matrix: Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Ferrous Iron by SM3500-Fe B

Batch ID: R10365

Analyst: SLL

Ferrous Iron	ND	0.150	H	mg/L	1	10/8/2025 2:41:50 PM
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Lab ID: 2510197-008

Client Sample ID: MW36-20251007

Collection Date: 10/7/2025 2:55:00 PM

Matrix: Water

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

Ferrous Iron by SM3500-Fe B

Batch ID: R10365

Analyst: SLL

Ferrous Iron	ND	0.150		mg/L	1	10/8/2025 2:41:50 PM
--------------	----	-------	--	------	---	----------------------

Work Order: 2510197
CLIENT: OnSite Environmental Inc
Project: The Hearthstone

QC SUMMARY REPORT

Ferrous Iron by SM3500-Fe B

Sample ID: MB-R103654	SampType: MBLK	Units: mg/L			Prep Date: 10/8/2025			RunNo: 103654			
Client ID: MBLKW	Batch ID: R103654				Analysis Date: 10/8/2025			SeqNo: 2162322			
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-R103654		SampType: LCS		Units: mg/L		Prep Date: 10/8/2025			RunNo: 103654		
Client ID: LCSW		Batch ID: R103654					Analysis Date: 10/8/2025			SeqNo: 2162323	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Ferrous Iron 0.436 0.150 0.4000 0 109 85 115

Sample ID: 2510197-001ADUP		SampType: DUP		Units: mg/L		Prep Date: 10/8/2025		RunNo: 103654			
Client ID: MW03-20251007		Batch ID: R103654				Analysis Date: 10/8/2025		SeqNo: 2162325			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Ferrous Iron 5.31 1.50 5.184 2.36 20 D

Sample ID: 2510197-001AMS		SampType: MS		Units: mg/L		Prep Date: 10/8/2025		RunNo: 103654			
Client ID: MW03-20251007		Batch ID: R103654				Analysis Date: 10/8/2025		SeqNo: 2162326			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Ferrous Iron 10.7 1.50 4.000 5.184 139 70 130 DS

NOTES:

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

Sample ID: 2510197-001AMSD		SampType: MSD			Units: mg/L		Prep Date: 10/8/2025			RunNo: 103654		
Client ID: MW03-20251007		Batch ID: R103654			Analysis Date: 10/8/2025				SeqNo: 2162327			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Ferrous Iron 11.1 1.50 4.000 5.184 147 70 130 10.74 3.02 30 DS

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: **2510197**

Logged by: **Morgan Wilson**

Date Received: **10/7/2025 4:34:00 PM**

Chain of Custody

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

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	6.0

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



OnSite Environmental Inc.

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

Company: SoundEarth Strategies On Site
Project Number: 0651-002
Project Name: The Hearthstone
Project Manager: Tom Cammarata
Sampled by: Limnea Coleman @ OnSite

Send to David

@ OnSite

Chain of Custody

Direct to Fremont Analytical

25 10 19 7

Page 1 of 1

Turnaround Request (in working days)				Laboratory Number:																
(Check One)																				
☐ Same Day ☐ 1 Day																				
☐ 2 Days ☐ 3 Days																				
☒ Standard (7 Days)																				
☐ (other)																				
Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	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	
MW03-20251007		10/7/25	1500	H ₂ O	1							X								
MW06-20251007			1010		1							X								
MW11-20251007			1235		1							X								
MW13-20251007			1055		1							X								
MW19-20251007			0940		1							X								
MW24-20251007			1355		1							X								
MW34-20251007			1220		1							X								
MW36-20251007			1455		1							X								
L6C																				
10/7/25																				
Signature	Company	Date	Time	Comments/Special Instructions																
<u>[Signature]</u>	<u>Sound Earth</u>	<u>10/7/25</u>	<u>1612</u>	Direct bill to The Hearthstone CVOCs = PCE, TCE, cis/trans-1,2-DCE, VC																
<u>[Signature]</u>	<u>Alpha</u>	<u>10/7</u>	<u>1600</u>	Analyze samples at the lowest dilution possible.																
<u>[Signature]</u>	<u>Alpha</u>	<u>10/7</u>	<u>16:34</u>	Send lab reports to <u>Tom & Limnea</u>																
<u>[Signature]</u>	<u>ATG</u>	<u>10/7</u>	<u>16:34</u>	Data Package: Standard ☐ Level III ☐ Level IV ☐																
<u>[Signature]</u>				Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☒																

Analytical Results

SiREM File Reference: S-11502 (ref. 10-115)

Client: OnSite Environmental Inc.
Client Project Number: 0651-002
Date Samples Received: October 10, 2025
Date Samples Analyzed: October 14 & 15, 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
MW03-20251007	25-24527	7-Oct-25	50x	<0.30	1.5 J	<0.15	0.56 J	<0.15	<0.15
MW06-20251007	25-24528	7-Oct-25	50x	<0.30	1.7 J	<0.15	0.54 J	<0.15	<0.15
MW11-20251007	25-24529	7-Oct-25	50x	<0.30	1.5 J	<0.15	0.48 J	<0.15	<0.15
MW13-20251007	25-24530	7-Oct-25	50x	<0.30	1.1 J	<0.15	0.31 J	<0.15	<0.15
MW19-20251007	25-24531	7-Oct-25	50x	<0.30	1.3 J	<0.15	0.40 J	<0.15	<0.15
MW24-20251007	25-24532	7-Oct-25	50x	<0.30	0.89 J	<0.15	<0.30	<0.15	<0.15
MW34-20251007	25-24533	7-Oct-25	50x	<0.30	1.6 J	<0.15	0.54 J	<0.15	<0.15
MW36-20251007	25-24534	7-Oct-25	50x	<0.30	2.4	<0.15	0.51 J	<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:

Brooke Rapien

Brooke Rapien, B.Sc.
Senior Laboratory Technician I

Results approved:

Kela Ashworth

Kela Ashworth, B.Sc.
Scientist

Date:

October 27, 2025



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

Laboratory: SiREM Laboratory

Attention: Ximena Druan

Address: 180A Market Place Blvd.

Address: Knoxville, TN 37922

Phone Number: (865) 330-0037

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other: _____

S-11502
Page 1 of 1

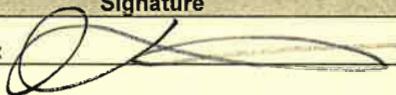
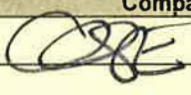
Laboratory Reference #: 10-115

Project Manager: David Baumeister

email: dbaumeister@onsite-env.com

Project Number: 0651-002

Project Name: _____

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
	MW03-20251007 ✓✓✓	10/7/25	15:00	W	3	Volatile Organic Fatty Acids
	MW06-20251007 ✓✓✓	10/7/25	10:10	W	3	Volatile Organic Fatty Acids
	MW11-20251007 ✓✓✓	10/7/25	12:35	W	3	Volatile Organic Fatty Acids
	MW13-20251007 ✓✓✓	10/7/25	10:55	W	3	Volatile Organic Fatty Acids
	MW19-20251007 ✓✓✓	10/7/25	9:40	W	3	Volatile Organic Fatty Acids
	MW24-20251007 ✓✓✓	10/7/25	13:55	W	3	Volatile Organic Fatty Acids
	MW34-20251007 ✓✓✓	10/7/25	12:20	W	3	Volatile Organic Fatty Acids
	MW36-20251007 ✓✓✓	10/7/25	14:55	W	3	Volatile Organic Fatty Acids
Signature		Company		Date	Time	Comments/Special Instructions
Relinquished by: 				10/9/25	1600	2.3°C KX00238 Blue ice EIM PLEASE RETURN COOLER, FOAM, & BLUE ICE
Received by:		UPS				
Relinquished by:		UPS				
Received by: 		SiREM		10-10-25	1100	
Relinquished by:						
Received by:						



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

Laboratory: SiREM Laboratory

Attention: Ximena Druan

Address: 180A Market Place Blvd.

Address: Knoxville, TN 37922

Phone Number: (865) 330-0037

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other: _____

Laboratory Reference #: 10-115

Project Manager: David Baumeister

email: dbaumeister@onsite-env.com

Project Number: 0651-002

Project Name: _____

COPY

S-11502
Page 1 of 1
pg 182

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
✓	MW03-20251007 ✓✓✓	10/7/25	15:00	W	3 1	Volatile Organic Fatty Acids
✓	MW06-20251007 ✓✓✓	10/7/25	10:10	W	3	Volatile Organic Fatty Acids
✓	MW11-20251007 ✓✓✓	10/7/25	12:35	W	3	Volatile Organic Fatty Acids
✓	MW13-20251007 ✓✓✓	10/7/25	10:55	W	3	Volatile Organic Fatty Acids
✓	MW19-20251007 ✓✓✓	10/7/25	9:40	W	3	Volatile Organic Fatty Acids
✓	MW24-20251007 ✓✓✓	10/7/25	13:55	W	3	Volatile Organic Fatty Acids
✓	MW34-20251007 ✓✓✓	10/7/25	12:20	W	3	Volatile Organic Fatty Acids
✓	MW36-20251007 ✓✓✓	10/7/25	14:55	W	3	Volatile Organic Fatty Acids
Signature		Company		Date	Time	Comments/Special Instructions
Relinquished by:				10/9/25	1600	2.3°C KX00238 Blue ice EIM PLEASE RETURN COOLER, FOAM, & BLUE ICE
Received by:		UPS				
Relinquished by:		UPS				
Received by:		SiREM		10-10-25	1100	
Relinquished by:		SiREM		10-13-25	1400	
Received by:		SiREM		8-406 0078 14-Oct-25	13:20	



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Chain of Custody

Page 1 of 2

Company: SoundEarth Strategies		Turnaround Request (in working days)		Laboratory Number: 10-1115					
Project Number: 0651-002		☐ Same Day ☐ 1 Day		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 <i>Sent direct to Fremont</i> Organophosphorus Pesticides 8270/SIM Chlorinated Acid Herbicides 8151 Total RCRA Metals Total MTCA Metals TCLP Metals HEM (oil and grease) 1664 % Moisture					
Project Name: The Hearthstone		☐ 2 Days ☐ 3 Days							
Project Manager: Tom Cammarata		☒ Standard (7 Days)							
Sampled by: Linnea Coleman		(other) _____							
Lab ID		Date Sampled		Time Sampled		Matrix		Number of Containers	
1 MW03-20251007		10/14/25		1500		H2O		11	
2 MW06-20251007				1010				11	
3 MW11-20251007				1235				8	
4 MW13-20251007				1055				8	
5 MW19-20251007				0940				8	
6 MW24-20251007				1355				11	
7 MW27-20251007				0900				6	
8 MW34-20251007				1220				11	
9 MW36-20251007				1455				11	
10 MW37-20251007				1350				3	
Signature		Company		Date		Time		Comments/Special Instructions	
Relinquished		Sound Earth		10/7/25		1612		Direct bill to The Hearthstone CVOCs = PCE, TCE, cis/trans-1,2-DCE, VC	
Received		Alpha		10/7		1600		Analyze samples at the lowest dilution possible.	
Relinquished		Alpha		10/7/25		1730		Send lab reports to Tom & Linnea	
Received		Alpha		10/7/25		1730		Data Package: Standard ☐ Level III ☐ Level IV ☐	
Relinquished		Alpha		10/7/25		1730		Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☒	
Received		Alpha		10/7/25		1730			
Relinquished		Alpha		10/7/25		1730			
Received		Alpha		10/7/25		1730			
Relinquished		Alpha		10/7/25		1730			
Received		Alpha		10/7/25		1730			
Relinquished		Alpha		10/7/25		1730			
Received		Alpha		10/7/25		1730			
Relinquished		Alpha		10/7/25		1730			
Received		Alpha		10/7/25		1730			
Relinquished		Alpha		10/7/25		1730			
Received		Alpha		10/7/25		1730			
Relinquished		Alpha		10/7/25		1730			
Received		Alpha		10/7/25		1730			
Relinquished		Alpha		10/7/25		1730			
Received		Alpha		10/7/25		1730			
Relinquished		Alpha		10/7/25		1730			
Received		Alpha		10/7/25		1730			
Relinquished		Alpha		10/7/25		1730			
Received		Alpha		10/7/25		1730			
Relinquished		Alpha		10/7/25		1730			
Received		Alpha		10/7/25		1730			
Relinquished		Alpha		10/7/25		1730			
Received		Alpha		10/7/25		1730			
Relinquished		Alpha		10/7/25		1730			
Received		Alpha		10/7/25		1730			
Relinquished		Alpha		10/7/25		1730			
Received		Alpha		10/7/25		1730			
Relinquished		Alpha		10/7/25		1730			
Received		Alpha		10/7/25		1730			
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Relinquished		Alpha		10/7/25		1730			
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Received		Alpha		10/7/25		1730			
Relinquished		Alpha		10/7/25		1730			
Received		Alpha		10/7/25		1730			
Relinquished		Alpha		10/7/25		1730		</	

Chain of Custody

ENVIRONMENTAL INC. 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: 10-1115									
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									
Lab ID: 11 MW99-20251007									
Date Sampled: 10/7/25 Time Sampled: 1200 Matrix: H2O									
Signature: <i>Linnea Coleman</i> Company: Sound Earth Date: 10/7/25 Time: 1612									
Received: <i>Linnea</i> Alpha 10/7 1600									
Relinquished: <i>Linnea</i> Alpha 10/7 17:50									
Received: <i>Linnea</i> Alpha 10/7 1750									
Relinquished: <i>Linnea</i> Alpha 10/7 1750									
Received: <i>Linnea</i> Alpha 10/7 1750									
Reviewed/Date: <i>Linnea</i> Alpha 10/7 1750									
Comments/Special Instructions: 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									
Data Package: Standard ☐ Level III ☐ Level IV ☐									
Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☒									

Sample/Cooler Receipt and Acceptance Checklist

Client: SES
 Client Project Name/Number: 0651-002
 OnSite Project Number: 10-115

Initiated by: MM
 Date Initiated: 10/7/25

1.0 Cooler Verification

1.1 Were there custody seals on the outside of the cooler?	Yes	<u>No</u>	N/A	1	2	3	4
1.2 Were the custody seals intact?	Yes	No	<u>N/A</u>	1	2	3	4
1.3 Were the custody seals signed and dated by last custodian?	Yes	No	<u>N/A</u>	1	2	3	4
1.4 Were the samples delivered on ice or blue ice?	<u>Yes</u>	No	N/A	1	2	3	4
1.5 Were samples received between 0-6 degrees Celsius?	<u>Yes</u>	No	Temperature: <u>6</u>				
1.6 Have shipping bills (if any) been attached to the back of this form?	Yes	<u>N/A</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	1	2	3	4
2.2 Was the COC legible and written in permanent ink?	<u>Yes</u>	No	1	2	3	4
2.3 Have samples been relinquished and accepted by each custodian?	<u>Yes</u>	No	1	2	3	4
2.4 Did the sample labels (ID, date, time, preservative) agree with COC?	<u>Yes</u>	No	1	2	3	4
2.5 Were all of the samples listed on the COC submitted?	<u>Yes</u>	No	1	2	3	4
2.6 Were any of the samples submitted omitted from the COC?	Yes	<u>No</u>	1	2	3	4

3.0 Sample Verification

3.1 Were any sample containers broken or compromised?	Yes	<u>No</u>	1	2	3	4	
3.2 Were any sample labels missing or illegible?	Yes	<u>No</u>	1	2	3	4	
3.3 Have the correct containers been used for each analysis requested?	<u>Yes</u>	No	1	2	3	4	
3.4 Have the samples been correctly preserved?	<u>Yes</u>	No	N/A	1	2	3	4
3.5 Are volatile samples free from headspace and bubbles greater than 6mm?	<u>Yes</u>	No	N/A	1	2	3	4
3.6 Is there sufficient sample submitted to perform requested analyses?	<u>Yes</u>	No	1	2	3	4	
3.7 Have any holding times already expired or will expire in 24 hours?	<u>Yes</u>	No	1	2	3	4	
3.8 Was method 5035A used?	Yes	No	<u>N/A</u>	1	2	3	4
3.9 If 5035A was used, which sampling option was used (#1, 2, or 3).	#	<u>N/A</u>	1	2	3	4	

Explain any discrepancies:

3.7) Ferrous Iron

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

November 7, 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. 2510-137

Dear Tom:

Enclosed are the analytical results and associated quality control data for samples submitted on October 8, 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: November 7, 2025
Samples Submitted: October 8, 2025
Laboratory Reference: 2510-137
Project: 0651-002

Case Narrative

Samples were collected on October 8, 2025 and received by the laboratory on October 8, 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 7, 2025
 Samples Submitted: October 8, 2025
 Laboratory Reference: 2510-137
 Project: 0651-002

VOLATILE ORGANICS EPA 8260D

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: MW05-20251008						
Laboratory ID: 10-137-01						
Vinyl Chloride	1.3	0.20	EPA 8260D	10-14-25	10-14-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-14-25	10-14-25	
(cis) 1,2-Dichloroethene	0.84	0.20	EPA 8260D	10-14-25	10-14-25	
Trichloroethene	ND	0.20	EPA 8260D	10-14-25	10-14-25	
Tetrachloroethene	ND	0.20	EPA 8260D	10-14-25	10-14-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>102</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>				

Client ID: MW21-20251008						
Laboratory ID: 10-137-02						
Vinyl Chloride	ND	0.20	EPA 8260D	10-14-25	10-14-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-14-25	10-14-25	
(cis) 1,2-Dichloroethene	0.27	0.20	EPA 8260D	10-14-25	10-14-25	
Trichloroethene	ND	0.20	EPA 8260D	10-14-25	10-14-25	
Tetrachloroethene	ND	0.20	EPA 8260D	10-14-25	10-14-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>101</i>	<i>68-133</i>				
<i>Toluene-d8</i>	<i>97</i>	<i>79-123</i>				
<i>4-Bromofluorobenzene</i>	<i>101</i>	<i>78-117</i>				

Client ID: MW28-20251008						
Laboratory ID: 10-137-03						
Vinyl Chloride	16	0.40	EPA 8260D	10-14-25	10-14-25	
(trans) 1,2-Dichloroethene	ND	0.40	EPA 8260D	10-14-25	10-14-25	
(cis) 1,2-Dichloroethene	32	0.40	EPA 8260D	10-14-25	10-14-25	
Trichloroethene	0.87	0.40	EPA 8260D	10-14-25	10-14-25	
Tetrachloroethene	ND	0.40	EPA 8260D	10-14-25	10-14-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>100</i>	<i>68-133</i>				
<i>Toluene-d8</i>	<i>101</i>	<i>79-123</i>				
<i>4-Bromofluorobenzene</i>	<i>101</i>	<i>78-117</i>				



Date of Report: November 7, 2025
 Samples Submitted: October 8, 2025
 Laboratory Reference: 2510-137
 Project: 0651-002

VOLATILE ORGANICS EPA 8260D

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: MW30-20251008						
Laboratory ID: 10-137-04						
Vinyl Chloride	ND	0.20	EPA 8260D	10-14-25	10-14-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-14-25	10-14-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-14-25	10-14-25	
Trichloroethene	ND	0.20	EPA 8260D	10-14-25	10-14-25	
Tetrachloroethene	ND	0.20	EPA 8260D	10-14-25	10-14-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>101</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>				

Client ID: MW10-20251008						
Laboratory ID: 10-137-05						
Vinyl Chloride	1.3	0.80	EPA 8260D	10-14-25	10-14-25	
(trans) 1,2-Dichloroethene	ND	0.80	EPA 8260D	10-14-25	10-14-25	
(cis) 1,2-Dichloroethene	130	0.80	EPA 8260D	10-14-25	10-14-25	
Trichloroethene	20	0.80	EPA 8260D	10-14-25	10-14-25	
Tetrachloroethene	18	0.80	EPA 8260D	10-14-25	10-14-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>100</i>	<i>68-133</i>				
<i>Toluene-d8</i>	<i>101</i>	<i>79-123</i>				
<i>4-Bromofluorobenzene</i>	<i>101</i>	<i>78-117</i>				

Client ID: MW29-20251008						
Laboratory ID: 10-137-06						
Vinyl Chloride	ND	0.20	EPA 8260D	10-14-25	10-14-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-14-25	10-14-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-14-25	10-14-25	
Trichloroethene	ND	0.20	EPA 8260D	10-14-25	10-14-25	
Tetrachloroethene	ND	0.20	EPA 8260D	10-14-25	10-14-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>101</i>	<i>68-133</i>				
<i>Toluene-d8</i>	<i>100</i>	<i>79-123</i>				
<i>4-Bromofluorobenzene</i>	<i>101</i>	<i>78-117</i>				



Date of Report: November 7, 2025
 Samples Submitted: October 8, 2025
 Laboratory Reference: 2510-137
 Project: 0651-002

VOLATILE ORGANICS EPA 8260D

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: MW31-20251008						
Laboratory ID: 10-137-07						
Vinyl Chloride	2500	50	EPA 8260D	10-14-25	10-14-25	
(trans) 1,2-Dichloroethene	ND	50	EPA 8260D	10-14-25	10-14-25	
(cis) 1,2-Dichloroethene	5000	50	EPA 8260D	10-14-25	10-14-25	
Trichloroethene	62	50	EPA 8260D	10-14-25	10-14-25	
Tetrachloroethene	55	50	EPA 8260D	10-14-25	10-14-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>100</i>	<i>68-133</i>				
<i>Toluene-d8</i>	<i>101</i>	<i>79-123</i>				
<i>4-Bromofluorobenzene</i>	<i>101</i>	<i>78-117</i>				

Client ID: MW33-20251008						
Laboratory ID: 10-137-08						
Vinyl Chloride	ND	0.20	EPA 8260D	10-14-25	10-14-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-14-25	10-14-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-14-25	10-14-25	
Trichloroethene	ND	0.20	EPA 8260D	10-14-25	10-14-25	
Tetrachloroethene	ND	0.20	EPA 8260D	10-14-25	10-14-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>101</i>	<i>68-133</i>				
<i>Toluene-d8</i>	<i>101</i>	<i>79-123</i>				
<i>4-Bromofluorobenzene</i>	<i>103</i>	<i>78-117</i>				

Client ID: MW35-20251008						
Laboratory ID: 10-137-09						
Vinyl Chloride	12	0.20	EPA 8260D	10-14-25	10-14-25	
(trans) 1,2-Dichloroethene	0.24	0.20	EPA 8260D	10-14-25	10-14-25	
(cis) 1,2-Dichloroethene	45	0.20	EPA 8260D	10-14-25	10-14-25	
Trichloroethene	8.9	0.20	EPA 8260D	10-14-25	10-14-25	
Tetrachloroethene	28	0.20	EPA 8260D	10-14-25	10-14-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>101</i>	<i>68-133</i>				
<i>Toluene-d8</i>	<i>100</i>	<i>79-123</i>				
<i>4-Bromofluorobenzene</i>	<i>101</i>	<i>78-117</i>				



Date of Report: November 7, 2025
 Samples Submitted: October 8, 2025
 Laboratory Reference: 2510-137
 Project: 0651-002

**VOLATILE ORGANICS EPA 8260D
 QUALITY CONTROL**

Matrix: Water

Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1014W1					
Vinyl Chloride	ND	0.20	EPA 8260D	10-14-25	10-14-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-14-25	10-14-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-14-25	10-14-25	
Trichloroethene	ND	0.20	EPA 8260D	10-14-25	10-14-25	
Tetrachloroethene	ND	0.20	EPA 8260D	10-14-25	10-14-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	99	68-133				
<i>Toluene-d8</i>	97	79-123				
<i>4-Bromofluorobenzene</i>	98	78-117				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits		RPD	RPD Limit	Flags
MATRIX SPIKES												
Laboratory ID:	10-192-01											
	MS	MSD	MS	MSD		MS	MSD					
Vinyl Chloride	10.4	10.0	10.0	10.0	ND	104	100	69-126	4	16		
(trans) 1,2-Dichloroethene	11.2	10.5	10.0	10.0	ND	112	105	70-127	6	16		
(cis) 1,2-Dichloroethene	11.2	10.8	10.0	10.0	ND	112	108	71-130	4	16		
Trichloroethene	10.9	10.5	10.0	10.0	ND	109	105	74-134	4	12		
Tetrachloroethene	10.9	10.3	10.0	10.0	ND	109	103	78-132	6	22		
Surrogate:												
Dibromofluoromethane						101	100	68-133				
Toluene-d8						100	100	79-123				
4-Bromofluorobenzene						102	102	78-117				



Date of Report: November 7, 2025
 Samples Submitted: October 8, 2025
 Laboratory Reference: 2510-137
 Project: 0651-002

**DISSOLVED GASES
RSK 175**

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	MW05-20251008					
Laboratory ID:	10-137-01					
Methane	2700	33	RSK 175	10-9-25	10-9-25	
Ethane	ND	0.56	RSK 175	10-9-25	10-9-25	
Ethene	ND	0.58	RSK 175	10-9-25	10-9-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>1-Butene</i>	<i>130</i>	<i>50-150</i>				

Client ID:	MW21-20251008					
Laboratory ID:	10-137-02					
Methane	2000	17	RSK 175	10-9-25	10-9-25	
Ethane	ND	0.56	RSK 175	10-9-25	10-9-25	
Ethene	ND	0.58	RSK 175	10-9-25	10-9-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>1-Butene</i>	<i>116</i>	<i>50-150</i>				

Client ID:	MW28-20251008					
Laboratory ID:	10-137-03					
Methane	2500	33	RSK 175	10-9-25	10-9-25	
Ethane	21	0.56	RSK 175	10-9-25	10-9-25	
Ethene	31	0.58	RSK 175	10-9-25	10-9-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>1-Butene</i>	<i>129</i>	<i>50-150</i>				

Client ID:	MW30-20251008					
Laboratory ID:	10-137-04					
Methane	5.6	0.55	RSK 175	10-9-25	10-9-25	
Ethane	ND	0.56	RSK 175	10-9-25	10-9-25	
Ethene	ND	0.58	RSK 175	10-9-25	10-9-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>1-Butene</i>	<i>132</i>	<i>50-150</i>				

Client ID:	MW10-20251008					
Laboratory ID:	10-137-05					
Methane	6800	55	RSK 175	10-9-25	10-9-25	
Ethane	ND	0.56	RSK 175	10-9-25	10-9-25	
Ethene	ND	0.58	RSK 175	10-9-25	10-9-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>1-Butene</i>	<i>129</i>	<i>50-150</i>				



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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 7, 2025
 Samples Submitted: October 8, 2025
 Laboratory Reference: 2510-137
 Project: 0651-002

DISSOLVED GASES
RSK 175

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	MW31-20251008					
Laboratory ID:	10-137-07					
Methane	740	5.5	RSK 175	10-9-25	10-9-25	
Ethane	ND	0.56	RSK 175	10-9-25	10-9-25	
Ethene	240	0.58	RSK 175	10-9-25	10-9-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>1-Butene</i>	<i>142</i>	<i>50-150</i>				

Client ID:	MW35-20251008					
Laboratory ID:	10-137-09					
Methane	20	0.55	RSK 175	10-9-25	10-9-25	
Ethane	ND	0.56	RSK 175	10-9-25	10-9-25	
Ethene	0.67	0.58	RSK 175	10-9-25	10-9-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>1-Butene</i>	<i>129</i>	<i>50-150</i>				



Date of Report: November 7, 2025
 Samples Submitted: October 8, 2025
 Laboratory Reference: 2510-137
 Project: 0651-002

**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:	MB1009W1					
Methane	ND	0.55	RSK 175	10-9-25	10-9-25	
Ethane	ND	0.56	RSK 175	10-9-25	10-9-25	
Ethene	ND	0.58	RSK 175	10-9-25	10-9-25	
Surrogate:	Percent Recovery	Control Limits				
1-Butene	111	50-150				

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
					Recovery					
SPIKE BLANK										
Laboratory ID:	SB1009W1									
	SB	SBD	SB	SBD	SB	SBD				
Methane	41.7	40.0	44.2	44.2	94	91	75-125	4	25	
Ethane	79.8	76.2	83.2	83.2	96	92	75-125	5	25	
Ethene	86.9	80.7	77.7	77.7	112	104	75-125	7	25	
Surrogate:										
1-Butene					108	101	50-150			



Date of Report: November 7, 2025
 Samples Submitted: October 8, 2025
 Laboratory Reference: 2510-137
 Project: 0651-002

SULFATE
ASTM D516-11

Matrix: Water
 Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	MW05-20251008					
Laboratory ID:	10-137-01					
Sulfate	ND	5.0	ASTM D516-16	10-9-25	10-9-25	

Client ID:	MW21-20251008					
Laboratory ID:	10-137-02					
Sulfate	ND	5.0	ASTM D516-16	10-9-25	10-9-25	

Client ID:	MW28-20251008					
Laboratory ID:	10-137-03					
Sulfate	9.3	5.0	ASTM D516-16	10-9-25	10-9-25	

Client ID:	MW30-20251008					
Laboratory ID:	10-137-04					
Sulfate	91	20	ASTM D516-16	10-9-25	10-9-25	

Client ID:	MW10-20251008					
Laboratory ID:	10-137-05					
Sulfate	25	5.0	ASTM D516-16	10-9-25	10-9-25	

Client ID:	MW31-20251008					
Laboratory ID:	10-137-07					
Sulfate	11	5.0	ASTM D516-16	10-9-25	10-9-25	

Client ID:	MW35-20251008					
Laboratory ID:	10-137-09					
Sulfate	34	5.0	ASTM D516-16	10-9-25	10-9-25	



Date of Report: November 7, 2025
 Samples Submitted: October 8, 2025
 Laboratory Reference: 2510-137
 Project: 0651-002

**SULFATE
 ASTM D516-11
 QUALITY CONTROL**

Matrix: Water
 Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1009W1					
Sulfate	ND	5.0	ASTM D516-16	10-9-25	10-9-25	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	10-137-01							
	ORIG	DUP						
Sulfate	ND	ND	NA	NA	NA	NA	11	

MATRIX SPIKE								
Laboratory ID:	10-137-01							
	MS	MS		MS				
Sulfate	8.08	10.0	ND	81	70-131	NA	NA	

SPIKE BLANK								
Laboratory ID:	SB1009W1							
	SB	SB		SB				
Sulfate	9.16	10.0	NA	92	83-113	NA	NA	



Date of Report: November 7, 2025
 Samples Submitted: October 8, 2025
 Laboratory Reference: 2510-137
 Project: 0651-002

CHLORIDE
SM 4500-Cl E

Matrix: Water
 Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	MW05-20251008					
Laboratory ID:	10-137-01					
Chloride	27	2.0	SM 4500-Cl E	10-10-25	10-10-25	

Client ID:	MW21-20251008					
Laboratory ID:	10-137-02					
Chloride	37	2.0	SM 4500-Cl E	10-10-25	10-10-25	

Client ID:	MW28-20251008					
Laboratory ID:	10-137-03					
Chloride	120	4.0	SM 4500-Cl E	10-10-25	10-10-25	

Client ID:	MW30-20251008					
Laboratory ID:	10-137-04					
Chloride	24	2.0	SM 4500-Cl E	10-10-25	10-10-25	

Client ID:	MW10-20251008					
Laboratory ID:	10-137-05					
Chloride	8.3	2.0	SM 4500-Cl E	10-10-25	10-10-25	

Client ID:	MW31-20251008					
Laboratory ID:	10-137-07					
Chloride	19	2.0	SM 4500-Cl E	10-10-25	10-10-25	

Client ID:	MW35-20251008					
Laboratory ID:	10-137-09					
Chloride	10	2.0	SM 4500-Cl E	10-10-25	10-10-25	



Date of Report: November 7, 2025
 Samples Submitted: October 8, 2025
 Laboratory Reference: 2510-137
 Project: 0651-002

**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:	MB1010W1					
Chloride	ND	2.0	SM 4500-Cl E	10-10-25	10-10-25	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	10-115-01							
	ORIG	DUP						
Chloride	24.9	24.1	NA	NA	NA	NA	3	15

MATRIX SPIKES

Laboratory ID:	10-115-01										
	MS	MSD	MS	MSD		MS	MSD				
Chloride	75.1	73.3	50.0	50.0	24.9	100	97	79-131	2	20	

SPIKE BLANK

Laboratory ID:	SB1010W1										
	SB		SB			SB					
Chloride	47.6		50.0		NA	95		82-123	NA	NA	



Date of Report: November 7, 2025
 Samples Submitted: October 8, 2025
 Laboratory Reference: 2510-137
 Project: 0651-002

NITRATE (as Nitrogen)
EPA 353.2

Matrix: Water
 Units: mg/L-N

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	MW05-20251008					
Laboratory ID:	10-137-01					
Nitrate	ND	0.050	EPA 353.2	10-9-25	10-9-25	

Client ID:	MW21-20251008					
Laboratory ID:	10-137-02					
Nitrate	ND	0.050	EPA 353.2	10-9-25	10-9-25	

Client ID:	MW28-20251008					
Laboratory ID:	10-137-03					
Nitrate	ND	0.050	EPA 353.2	10-9-25	10-9-25	

Client ID:	MW30-20251008					
Laboratory ID:	10-137-04					
Nitrate	ND	0.050	EPA 353.2	10-9-25	10-9-25	

Client ID:	MW10-20251008					
Laboratory ID:	10-137-05					
Nitrate	ND	0.050	EPA 353.2	10-9-25	10-9-25	

Client ID:	MW31-20251008					
Laboratory ID:	10-137-07					
Nitrate	ND	0.050	EPA 353.2	10-9-25	10-9-25	

Client ID:	MW35-20251008					
Laboratory ID:	10-137-09					
Nitrate	ND	0.050	EPA 353.2	10-9-25	10-9-25	



Date of Report: November 7, 2025
 Samples Submitted: October 8, 2025
 Laboratory Reference: 2510-137
 Project: 0651-002

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:	MB1009W1					
Nitrate	ND	0.050	EPA 353.2	10-9-25	10-9-25	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	10-137-01							
	ORIG	DUP						
Nitrate	ND	ND	NA	NA	NA	NA	23	

MATRIX SPIKE

Laboratory ID:	10-137-01							
	MS	MS		MS				
Nitrate	2.25	2.00	ND	113	74-130	NA	NA	

SPIKE BLANK

Laboratory ID:	SB1009W1							
	SB	SB		SB				
Nitrate	2.14	2.00	NA	107	82-128	NA	NA	



Date of Report: November 7, 2025
 Samples Submitted: October 8, 2025
 Laboratory Reference: 2510-137
 Project: 0651-002

**TOTAL ORGANIC CARBON
SM 5310B**

Matrix: Water
 Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	MW05-20251008					
Laboratory ID:	10-137-01					
Total Organic Carbon	27	1.0	SM 5310B	10-10-25	10-10-25	

Client ID:	MW21-20251008					
Laboratory ID:	10-137-02					
Total Organic Carbon	63	1.0	SM 5310B	10-10-25	10-10-25	

Client ID:	MW28-20251008					
Laboratory ID:	10-137-03					
Total Organic Carbon	5.5	1.0	SM 5310B	10-10-25	10-10-25	

Client ID:	MW30-20251008					
Laboratory ID:	10-137-04					
Total Organic Carbon	ND	1.0	SM 5310B	10-10-25	10-10-25	

Client ID:	MW10-20251008					
Laboratory ID:	10-137-05					
Total Organic Carbon	1.1	1.0	SM 5310B	10-10-25	10-10-25	

Client ID:	MW31-20251008					
Laboratory ID:	10-137-07					
Total Organic Carbon	ND	1.0	SM 5310B	10-10-25	10-10-25	

Client ID:	MW35-20251008					
Laboratory ID:	10-137-09					
Total Organic Carbon	ND	1.0	SM 5310B	10-10-25	10-10-25	



Date of Report: November 7, 2025
 Samples Submitted: October 8, 2025
 Laboratory Reference: 2510-137
 Project: 0651-002

**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:	MB1010W1					
Total Organic Carbon	ND	1.0	SM 5310B	10-10-25	10-10-25	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	10-115-01							
	ORIG	DUP						
Total Organic Carbon	5.80	5.79	NA	NA	NA	NA	0	10

MATRIX SPIKES

Laboratory ID:	10-115-01									
	MS	MSD	MS	MSD	MS	MSD				
Total Organic Carbon	17.0	17.1	10.0	10.0	5.80	112	113	70-136	1	20

SPIKE BLANK

Laboratory ID:	SB1010W1									
	SB		SB		SB					
Total Organic Carbon	10.5		10.0		NA	105		83-130	NA	NA



Date of Report: November 7, 2025
 Samples Submitted: October 8, 2025
 Laboratory Reference: 2510-137
 Project: 0651-002

TOTAL METALS
EPA 200.7

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: MW05-20251008						
Laboratory ID:	10-137-01					
Iron	29000	250	EPA 200.7	10-14-25	10-14-25	
Manganese	2900	10	EPA 200.7	10-14-25	10-14-25	

Client ID: MW21-20251008						
Laboratory ID:	10-137-02					
Iron	51000	250	EPA 200.7	10-14-25	10-14-25	
Manganese	2500	10	EPA 200.7	10-14-25	10-14-25	

Client ID: MW28-20251008						
Laboratory ID:	10-137-03					
Iron	1400	50	EPA 200.7	10-14-25	10-14-25	
Manganese	800	10	EPA 200.7	10-14-25	10-14-25	

Client ID: MW30-20251008						
Laboratory ID:	10-137-04					
Iron	200	50	EPA 200.7	10-14-25	10-14-25	
Manganese	420	10	EPA 200.7	10-14-25	10-14-25	

Client ID: MW10-20251008						
Laboratory ID:	10-137-05					
Iron	3900	50	EPA 200.7	10-14-25	10-14-25	
Manganese	420	10	EPA 200.7	10-14-25	10-14-25	

Client ID: MW31-20251008						
Laboratory ID:	10-137-07					
Iron	360	50	EPA 200.7	10-14-25	10-14-25	
Manganese	190	10	EPA 200.7	10-14-25	10-14-25	

Client ID: MW35-20251008						
Laboratory ID:	10-137-09					
Iron	58	50	EPA 200.7	10-14-25	10-14-25	
Manganese	47	10	EPA 200.7	10-14-25	10-14-25	



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 7, 2025
 Samples Submitted: October 8, 2025
 Laboratory Reference: 2510-137
 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:	MB1014WH1					
Iron	ND	50	EPA 200.7	10-14-25	10-14-25	
Manganese	ND	10	EPA 200.7	10-14-25	10-14-25	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	10-073-02							
	ORIG	DUP						
Iron	ND	ND	NA	NA	NA	NA	NA	20
Manganese	ND	ND	NA	NA	NA	NA	NA	20

MATRIX SPIKES

Laboratory ID:	10-073-02									
	MS	MSD	MS	MSD		MS	MSD			
Iron	22000	21300	20000	20000	ND	110	106	75-125	3	20
Manganese	519	499	500	500	ND	104	100	75-125	4	20





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

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info@fremontanalytical.com

OnSite Environmental Inc

David Baumeister
14648 NE 95th Street
Redmond, WA 98052

RE: The Hearthstone, 0651-002

Work Order Number: 2510240

October 14, 2025

Attention David Baumeister:

Alliance Technical Group, LLC - Seattle received 7 sample(s) on 10/8/2025 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 black ink, appearing to read "B. Barnes", is written over a light blue horizontal line.

Brianna Barnes
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: 2510240

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2510240-001	MW05-20251008	10/08/2025 9:00 AM	10/08/2025 4:54 PM
2510240-002	MW21-20251008	10/08/2025 1:30 PM	10/08/2025 4:54 PM
2510240-003	MW28-20251008	10/08/2025 10:18 AM	10/08/2025 4:54 PM
2510240-004	MW30-20251008	10/08/2025 11:25 AM	10/08/2025 4:54 PM
2510240-005	MW10-20251008	10/08/2025 2:35 PM	10/08/2025 4:54 PM
2510240-006	MW31-20251008	10/08/2025 11:50 AM	10/08/2025 4:54 PM
2510240-007	MW35-20251008	10/08/2025 1:20 PM	10/08/2025 4:54 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: 2510240-001

Client Sample ID: MW05-20251008

Collection Date: 10/8/2025 9:00:00 AM

Matrix: Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Ferrous Iron by SM3500-Fe B

Batch ID: R10377

Analyst: JH

Ferrous Iron	37.9	7.50	DH	mg/L	50	10/14/2025 8:51:37 AM
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Lab ID: 2510240-002

Client Sample ID: MW21-20251008

Collection Date: 10/8/2025 1:30:00 PM

Matrix: Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Ferrous Iron by SM3500-Fe B

Batch ID: R10377

Analyst: JH

Ferrous Iron	72.3	7.50	DH	mg/L	50	10/14/2025 8:51:37 AM
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Lab ID: 2510240-003

Client Sample ID: MW28-20251008

Collection Date: 10/8/2025 10:18:00 AM

Matrix: Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Ferrous Iron by SM3500-Fe B

Batch ID: R10377

Analyst: JH

Ferrous Iron	2.67	0.750	DH	mg/L	5	10/14/2025 8:51:37 AM
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Lab ID: 2510240-004

Client Sample ID: MW30-20251008

Collection Date: 10/8/2025 11:25:00 AM

Matrix: Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Ferrous Iron by SM3500-Fe B

Batch ID: R10377

Analyst: JH

Ferrous Iron	0.189	0.150	H	mg/L	1	10/14/2025 8:51:37 AM
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CLIENT: OnSite Environmental Inc
Project: The Hearthstone

Lab ID: 2510240-005 **Collection Date:** 10/8/2025 2:35:00 PM
Client Sample ID: MW10-20251008 **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<u>Ferrous Iron by SM3500-Fe B</u>				Batch ID: R10377		Analyst: JH
Ferrous Iron	4.83	3.75	DH	mg/L	25	10/14/2025 8:51:37 AM

Lab ID: 2510240-006 **Collection Date:** 10/8/2025 11:50:00 AM
Client Sample ID: MW31-20251008 **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<u>Ferrous Iron by SM3500-Fe B</u>				Batch ID: R10377		Analyst: JH
Ferrous Iron	0.469	0.150	H	mg/L	1	10/14/2025 8:51:37 AM

Lab ID: 2510240-007 **Collection Date:** 10/8/2025 1:20:00 PM
Client Sample ID: MW35-20251008 **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<u>Ferrous Iron by SM3500-Fe B</u>				Batch ID: R10377		Analyst: JH
Ferrous Iron	ND	0.150	H	mg/L	1	10/14/2025 8:51:37 AM

Work Order: 2510240
CLIENT: OnSite Environmental Inc
Project: The Hearthstone

QC SUMMARY REPORT

Ferrous Iron by SM3500-Fe B

Sample ID: MB-R103779		SampType: MBLK			Units: mg/L		Prep Date: 10/14/2025			RunNo: 103779		
Client ID: MBLKW		Batch ID: R103779			Analysis Date: 10/14/2025					SeqNo: 2165255		
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-R103779		SampType: LCS			Units: mg/L		Prep Date: 10/14/2025			RunNo: 103779		
Client ID: LCSW		Batch ID: R103779			Analysis Date: 10/14/2025			SeqNo: 2165256				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Ferrous Iron 0.432 0.150 0.4000 0 108 85 115

Sample ID: 2510240-004ADUP		SampType: DUP			Units: mg/L		Prep Date: 10/14/2025			RunNo: 103779		
Client ID: MW30-20251008		Batch ID: R103779			Analysis Date: 10/14/2025			SeqNo: 2165585				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Ferrous Iron 0.185 0.150 0.1889 2.20 20 H

Sample ID: 2510240-004AMS		SampType: MS			Units: mg/L		Prep Date: 10/14/2025			RunNo: 103779		
Client ID: MW30-20251008		Batch ID: R103779			Analysis Date: 10/14/2025					SeqNo: 2165586		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Ferrous Iron 0.893 0.150 0.4000 0.1889 176 70 130 SH

NOTES:

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

Sample ID: 2510240-004AMSD		SampType: MSD			Units: mg/L		Prep Date: 10/14/2025			RunNo: 103779		
Client ID: MW30-20251008		Batch ID: R103779			Analysis Date: 10/14/2025					SeqNo: 2165587		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Ferrous Iron 0.914 0.150 0.4000 0.1889 181 70 130 0.8932 2.28 30 SH

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: **2510240**

Logged by: **Morgan Wilson**

Date Received: **10/8/2025 4:54:00 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 ☒

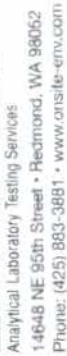
Person Notified:		Date:	
By Whom:		Via:	☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:			
Client Instructions:			

17. Additional remarks:

Item Information

Item #	Temp °C
Sample	4.6

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



TO FREMONT

$$\frac{1}{10}$$
Page 9 of 9

Analytical Results

SiREM File Reference: S-11502 (ref. 10-137)

Client: OnSite Environmental Inc.
Client Project Number: 0651-002
Date Samples Received: October 10, 2025
Date Samples Analyzed: October 15, 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
MW05-20251008	25-24535	8-Oct-25	50x	<0.30	2.6	<0.15	0.73 J	<0.15	<0.15
MW21-20251008	25-24536	8-Oct-25	50x	<0.30	70	1.0 J	0.87 J	0.71 J	<0.15
MW28-20251008	25-24537	8-Oct-25	50x	<0.30	2.1	<0.15	0.45 J	<0.15	<0.15
MW30-20251008	25-24538	8-Oct-25	50x	<0.30	2.4	<0.15	0.57 J	<0.15	<0.15
MW10-20251008	25-24539	8-Oct-25	50x	<0.30	2.6	<0.15	0.61 J	<0.15	<0.15
MW31-20251008	25-24540	8-Oct-25	50x	<0.30	2.3	<0.15	0.54 J	<0.15	<0.15
MW35-20251008	25-24541	8-Oct-25	50x	<0.30	2.9	<0.15	0.63 J	<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:

Results approved:

Date:

Brooke Rapien

Kela Ashworth

Brooke Rapien, B.Sc.
Senior Laboratory Technician I

Kela Ashworth, B.Sc.
Scientist

October 27, 2025



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

Laboratory: SiREM Laboratory

Attention: Ximena Druan

Address: 180A Market Place Blvd.

Address: Knoxville, TN 37922

Phone Number: (865) 330-0037

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other: _____

S-11502

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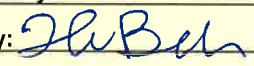
Laboratory Reference #: 10-137

Project Manager: David Baumeister

email: dbaumeister@onsite-env.com

Project Number: 0651-002

Project Name: _____

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
	MW05-20251008 ✓✓✓	10/8/25	9:00	W	3	Volatile Organic Fatty Acids
	MW21-20251008 ✓✓✓	10/8/25	13:30	W	3	Volatile Organic Fatty Acids
	MW28-20251008 ✓✓✓	10/8/25	10:18	W	3	Volatile Organic Fatty Acids
	MW30-20251008 ✓✓✓	10/8/25	11:25	W	3	Volatile Organic Fatty Acids
	MW10-20251008 ✓✓	10/8/25	14:35	W	3	Volatile Organic Fatty Acids one vial empty
	MW31-20251008 ✓✓✓	10/8/25	11:50	W	3	Volatile Organic Fatty Acids
	MW-35-20251008 ✓✓✓	10/8/25	13:20	W	3	Volatile Organic Fatty Acids
Signature		Company		Date	Time	Comments/Special Instructions
Relinquished by: 				10/9/25	1600	EIM 2.3°C KX00238 Blue ice PLEASE RETURN COOLER, FOAM, & BLUE ICE
Received by:		UPS				
Relinquished by:		UPS				
Received by: 		SiREM		10-10-25	1100	
Relinquished by:						
Received by:						



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Other: _____

COPY

S-11502
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pg 2 of 2

Laboratory Reference #: 10-137

Project Manager: David Baumeister

email: dbaumeister@onsite-env.com

Project Number: 0651-002

Project Name: _____

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✓	MW05-20251008 ✓✓✓	10/8/25	9:00	W	3 1	Volatile Organic Fatty Acids
✓	MW21-20251008 ✓✓✓	10/8/25	13:30	W	3	Volatile Organic Fatty Acids
✓	MW28-20251008 ✓✓✓	10/8/25	10:18	W	3	Volatile Organic Fatty Acids
✓	MW30-20251008 ✓✓✓	10/8/25	11:25	W	3	Volatile Organic Fatty Acids
✓	MW10-20251008 ✓✓	10/8/25	14:35	W	3	Volatile Organic Fatty Acids one vial empty
✓	MW31-20251008 ✓✓✓	10/8/25	11:50	W	3	Volatile Organic Fatty Acids
✓	MW-35-20251008 ✓✓✓	10/8/25	13:20	W	3	Volatile Organic Fatty Acids
Signature		Company		Date	Time	Comments/Special Instructions
Relinquished by:				10/9/25	1600	
Received by:		UPS				
Relinquished by:		UPS				
Received by:		SiREM		10-10-25	1100	
Relinquished by:		SiREM		10-13-25	1400	
Received by:		SiREM		14-Oct-25	13:20	

EIM

2.3°C
KX00238
Blue ice

PLEASE RETURN
COOLER, FOAM,
& BLUE ICE



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

Chain of Custody

Page 1 of 1[illegible]

Sample/Cooler Receipt and Acceptance Checklist

Client: SES

Client Project Name/Number: 0657-COL

OnSite Project Number: 10-137

Initiated by: [Signature]

Date Initiated: 10/8/15

1.0 Cooler Verification

1.1 Were there custody seals on the outside of the cooler?	Yes	☒ No	N/A	1	2	3	4
1.2 Were the custody seals intact?	Yes	No	☒ N/A	1	2	3	4
1.3 Were the custody seals signed and dated by last custodian?	Yes	No	☒ N/A	1	2	3	4
1.4 Were the samples delivered on ice or blue ice?	☒ Yes	No	N/A	1	2	3	4
1.5 Were samples received between 0-6 degrees Celsius?	☒ Yes	No	Temperature: <u>4</u>				
1.6 Have shipping bills (if any) been attached to the back of this form?	Yes	☒ N/A					
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	1	2	3	4
2.2 Was the COC legible and written in permanent ink?	☒ Yes	No	1	2	3	4
2.3 Have samples been relinquished and accepted by each custodian?	☒ Yes	No	1	2	3	4
2.4 Did the sample labels (ID, date, time, preservative) agree with COC?	☒ Yes	No	1	2	3	4
2.5 Were all of the samples listed on the COC submitted?	☒ Yes	No	1	2	3	4
2.6 Were any of the samples submitted omitted from the COC?	Yes	☒ No	1	2	3	4

3.0 Sample Verification

3.1 Were any sample containers broken or compromised?	Yes	☒ No	1	2	3	4	
3.2 Were any sample labels missing or illegible?	Yes	☒ No	1	2	3	4	
3.3 Have the correct containers been used for each analysis requested?	☒ Yes	No	1	2	3	4	
3.4 Have the samples been correctly preserved?	☒ Yes	No	N/A	1	2	3	4
3.5 Are volatile samples free from headspace and bubbles greater than 6mm?	☒ Yes	No	N/A	1	2	3	4
3.6 Is there sufficient sample submitted to perform requested analyses?	☒ Yes	No	1	2	3	4	
3.7 Have any holding times already expired or will expire in 24 hours?	☒ Yes	No	1	2	3	4	
3.8 Was method 5035A used?	Yes	☒ No	☒ N/A	1	2	3	4
3.9 If 5035A was used, which sampling option was used (#1, 2, or 3).	#		☒ N/A	1	2	3	4

Explain any discrepancies:

3.7) Ferrus Iron

1 - Discuss issue in Case Narrative

2 - Process Sample As-is

3 - Client contacted to discuss problem

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



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

November 7, 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. 2510-161

Dear Tom:

Enclosed are the analytical results and associated quality control data for samples submitted on October 9, 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 7, 2025
Samples Submitted: October 9, 2025
Laboratory Reference: 2510-161
Project: 0651-002

Case Narrative

Samples were collected on October 9, 2025 and received by the laboratory on October 9, 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 7, 2025
 Samples Submitted: October 9, 2025
 Laboratory Reference: 2510-161
 Project: 0651-002

VOLATILE ORGANICS EPA 8260D

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: MW15-20251009						
Laboratory ID: 10-161-01						
Vinyl Chloride	0.37	0.20	EPA 8260D	10-13-25	10-13-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-13-25	10-13-25	
(cis) 1,2-Dichloroethene	2.4	0.20	EPA 8260D	10-13-25	10-13-25	
Trichloroethene	0.26	0.20	EPA 8260D	10-13-25	10-13-25	
Tetrachloroethene	ND	0.20	EPA 8260D	10-13-25	10-13-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>108</i>	<i>68-133</i>				
<i>Toluene-d8</i>	<i>101</i>	<i>79-123</i>				
<i>4-Bromofluorobenzene</i>	<i>102</i>	<i>78-117</i>				

Client ID: MW32-20251009						
Laboratory ID: 10-161-02						
Vinyl Chloride	1.2	0.20	EPA 8260D	10-13-25	10-13-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-13-25	10-13-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-13-25	10-13-25	
Trichloroethene	ND	0.20	EPA 8260D	10-13-25	10-13-25	
Tetrachloroethene	ND	0.20	EPA 8260D	10-13-25	10-13-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>104</i>	<i>68-133</i>				
<i>Toluene-d8</i>	<i>101</i>	<i>79-123</i>				
<i>4-Bromofluorobenzene</i>	<i>101</i>	<i>78-117</i>				

Client ID: MW09-20251009						
Laboratory ID: 10-161-03						
Vinyl Chloride (SIM)	0.65	0.20	EPA 8260D/SIM	10-13-25	10-13-25	
(trans) 1,2-Dichloroethene	ND	2.0	EPA 8260D	10-13-25	10-13-25	
(cis) 1,2-Dichloroethene	31	2.0	EPA 8260D	10-13-25	10-13-25	
Trichloroethene	18	2.0	EPA 8260D	10-13-25	10-13-25	
Tetrachloroethene	440	2.0	EPA 8260D	10-13-25	10-13-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>105</i>	<i>68-133</i>				
<i>Toluene-d8</i>	<i>100</i>	<i>79-123</i>				
<i>4-Bromofluorobenzene</i>	<i>101</i>	<i>78-117</i>				



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 Project: 0651-002

**VOLATILE ORGANICS EPA 8260D
 QUALITY CONTROL**

Matrix: Water

Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1013W1					
Vinyl Chloride (SIM)	ND	0.020	EPA 8260D/SIM	10-13-25	10-13-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-13-25	10-13-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-13-25	10-13-25	
Trichloroethene	ND	0.20	EPA 8260D	10-13-25	10-13-25	
Tetrachloroethene	ND	0.20	EPA 8260D	10-13-25	10-13-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>102</i>	<i>68-133</i>				
<i>Toluene-d8</i>	<i>100</i>	<i>79-123</i>				
<i>4-Bromofluorobenzene</i>	<i>98</i>	<i>78-117</i>				

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1013W1									
	SB	SBD	SB	SBD	SB	SBD				
Vinyl Chloride	11.3	12.6	10.0	10.0	113	126	67-131	11	16	
(trans) 1,2-Dichloroethene	10.0	11.4	10.0	10.0	100	114	76-126	13	15	
(cis) 1,2-Dichloroethene	10.2	11.5	10.0	10.0	102	115	77-129	12	15	
Trichloroethene	9.69	10.8	10.0	10.0	97	108	80-130	11	15	
Tetrachloroethene	9.82	10.7	10.0	10.0	98	107	80-130	9	20	
Surrogate:										
Dibromofluoromethane					101	103	68-133			
Toluene-d8					99	100	79-123			
4-Bromofluorobenzene					101	100	78-117			



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**DISSOLVED GASES
RSK 175**

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	MW15-20251009					
Laboratory ID:	10-161-01					
Methane	5800	55	RSK 175	10-10-25	10-10-25	
Ethane	ND	0.56	RSK 175	10-10-25	10-10-25	
Ethene	ND	0.58	RSK 175	10-10-25	10-10-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>1-Butene</i>	66	50-150				

Client ID:	MW32-20251009					
Laboratory ID:	10-161-02					
Methane	11000	83	RSK 175	10-10-25	10-10-25	
Ethane	ND	0.56	RSK 175	10-10-25	10-10-25	
Ethene	ND	0.58	RSK 175	10-10-25	10-10-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>1-Butene</i>	69	50-150				

Client ID:	MW09-20251009					
Laboratory ID:	10-161-03					
Methane	3800	28	RSK 175	10-10-25	10-10-25	
Ethane	ND	0.56	RSK 175	10-10-25	10-10-25	
Ethene	ND	0.58	RSK 175	10-10-25	10-10-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>1-Butene</i>	78	50-150				



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 Laboratory Reference: 2510-161
 Project: 0651-002

**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:	MB1010W1					
Methane	ND	0.55	RSK 175	10-10-25	10-10-25	
Ethane	ND	0.56	RSK 175	10-10-25	10-10-25	
Ethene	ND	0.58	RSK 175	10-10-25	10-10-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>1-Butene</i>	97	50-150				

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits		RPD	RPD Limit	Flags
SPIKE BLANK											
Laboratory ID:	SB1010W1										
	SB	SBD	SB	SBD	SB	SBD					
Methane	43.6	40.3	44.2	44.2	99	91	75-125	8		25	
Ethane	80.2	73.1	83.2	83.2	96	88	75-125	9		25	
Ethene	69.9	64.7	77.7	77.7	90	83	75-125	8		25	
Surrogate:											
1-Butene					84	73	50-150				



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SULFATE
ASTM D516-11

Matrix: Water
 Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	MW15-20251009					
Laboratory ID:	10-161-01					
Sulfate	ND	5.0	ASTM D516-16	10-10-25	10-10-25	

Client ID:	MW32-20251009					
Laboratory ID:	10-161-02					
Sulfate	27	5.0	ASTM D516-16	10-10-25	10-10-25	

Client ID:	MW09-20251009					
Laboratory ID:	10-161-03					
Sulfate	30	5.0	ASTM D516-16	10-10-25	10-10-25	



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**SULFATE
 ASTM D516-11
 QUALITY CONTROL**

Matrix: Water
 Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1010W1					
Sulfate	ND	5.0	ASTM D516-16	10-10-25	10-10-25	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	10-161-02							
	ORIG	DUP						
Sulfate	27.3	25.8	NA	NA	NA	NA	6	11

MATRIX SPIKE								
Laboratory ID:	10-161-02							
	MS	MS		MS				
Sulfate	35.5	10.0	27.3	82	70-131	NA	NA	

SPIKE BLANK								
Laboratory ID:	SB1010W1							
	SB	SB		SB				
Sulfate	9.17	10.0	NA	92	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:	MW15-20251009					
Laboratory ID:	10-161-01					
Chloride	130	4.0	SM 4500-Cl E	10-10-25	10-10-25	

Client ID:	MW32-20251009					
Laboratory ID:	10-161-02					
Chloride	12	2.0	SM 4500-Cl E	10-10-25	10-10-25	

Client ID:	MW09-20251009					
Laboratory ID:	10-161-03					
Chloride	7.7	2.0	SM 4500-Cl E	10-10-25	10-10-25	



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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:	MB1010W1					
Chloride	ND	2.0	SM 4500-Cl E	10-10-25	10-10-25	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	10-115-01							
	ORIG	DUP						
Chloride	24.9	24.1	NA	NA	NA	NA	3	15

MATRIX SPIKES

Laboratory ID:	10-115-01										
	MS	MSD	MS	MSD		MS	MSD				
Chloride	75.1	73.3	50.0	50.0	24.9	100	97	79-131	2	20	

SPIKE BLANK

Laboratory ID:	SB1010W1										
	SB		SB			SB					
Chloride	47.6		50.0		NA	95		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:	MW15-20251009					
Laboratory ID:	10-161-01					
Nitrate	0.19	0.050	EPA 353.2	10-9-25	10-9-25	

Client ID:	MW32-20251009					
Laboratory ID:	10-161-02					
Nitrate	ND	0.050	EPA 353.2	10-9-25	10-9-25	

Client ID:	MW09-20251009					
Laboratory ID:	10-161-03					
Nitrate	ND	0.050	EPA 353.2	10-9-25	10-9-25	



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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:	MB1009W1					
Nitrate	ND	0.050	EPA 353.2	10-9-25	10-9-25	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	10-137-01							
	ORIG	DUP						
Nitrate	ND	ND	NA	NA	NA	NA	23	

MATRIX SPIKE

Laboratory ID:	10-137-01							
	MS	MS		MS				
Nitrate	2.25	2.00	ND	113	74-130	NA	NA	

SPIKE BLANK

Laboratory ID:	SB1009W1							
	SB	SB		SB				
Nitrate	2.14	2.00	NA	107	82-128	NA	NA	



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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:	MW15-20251009					
Laboratory ID:	10-161-01					
Total Organic Carbon	73	1.0	SM 5310B	10-10-25	10-10-25	

Client ID:	MW32-20251009					
Laboratory ID:	10-161-02					
Total Organic Carbon	1.7	1.0	SM 5310B	10-10-25	10-10-25	

Client ID:	MW09-20251009					
Laboratory ID:	10-161-03					
Total Organic Carbon	ND	1.0	SM 5310B	10-10-25	10-10-25	



Date of Report: November 7, 2025
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 Project: 0651-002

**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:	MB1010W1					
Total Organic Carbon	ND	1.0	SM 5310B	10-10-25	10-10-25	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	10-115-01							
	ORIG	DUP						
Total Organic Carbon	5.80	5.79	NA	NA	NA	NA	0	10

MATRIX SPIKES

Laboratory ID:	10-115-01									
	MS	MSD	MS	MSD		MS	MSD			
Total Organic Carbon	17.0	17.1	10.0	10.0	5.80	112	113	70-136	1	20

SPIKE BLANK

Laboratory ID:	SB1010W1									
	SB		SB			SB				
Total Organic Carbon	10.5		10.0		NA	105		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: MW15-20251009						
Laboratory ID: 10-161-01						
Iron	55000	250	EPA 200.7	10-14-25	10-14-25	
Manganese	1900	10	EPA 200.7	10-14-25	10-14-25	

Client ID: MW32-20251009						
Laboratory ID: 10-161-02						
Iron	500	50	EPA 200.7	10-14-25	10-14-25	
Manganese	240	10	EPA 200.7	10-14-25	10-14-25	

Client ID: MW09-20251009						
Laboratory ID: 10-161-03						
Iron	370	50	EPA 200.7	10-14-25	10-14-25	
Manganese	290	10	EPA 200.7	10-14-25	10-14-25	



Date of Report: November 7, 2025
 Samples Submitted: October 9, 2025
 Laboratory Reference: 2510-161
 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:	MB1014WH1					
Iron	ND	50	EPA 200.7	10-14-25	10-14-25	
Manganese	ND	10	EPA 200.7	10-14-25	10-14-25	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	10-073-02							
	ORIG	DUP						
Iron	ND	ND	NA	NA	NA	NA	NA	20
Manganese	ND	ND	NA	NA	NA	NA	NA	20

MATRIX SPIKES

Laboratory ID:	10-073-02									
	MS	MSD	MS	MSD		MS	MSD			
Iron	22000	21300	20000	20000	ND	110	106	75-125	3	20
Manganese	519	499	500	500	ND	104	100	75-125	4	20





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



OnSite Environmental Inc

David Baumeister

14648 NE 95th Street

Redmond, WA 98052

RE: The Hearthstone, 0651-002

Work Order Number: 2510271

October 16, 2025

Attention David Baumeister:

Alliance Technical Group, LLC - Seattle received 3 sample(s) on 10/9/2025 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,



Brianna Barnes
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



CLIENT: OnSite Environmental Inc
Project: The Hearthstone
Work Order: 2510271

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2510271-001	MW15-20251009	10/09/2025 9:00 AM	10/09/2025 4:00 PM
2510271-002	MW32-20251009	10/09/2025 9:05 AM	10/09/2025 4:00 PM
2510271-003	MW09-20251009	10/09/2025 10:30 AM	10/09/2025 4:00 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: 2510271-001

Client Sample ID: MW15-20251009

Collection Date: 10/9/2025 9:00:00 AM

Matrix: Water

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

Ferrous Iron by SM3500-Fe B

Batch ID: R10377 Analyst: JH

Ferrous Iron	ND	0.150	H	mg/L	1	10/14/2025 8:51:37 AM
--------------	----	-------	---	------	---	-----------------------

Lab ID: 2510271-002

Client Sample ID: MW32-20251009

Collection Date: 10/9/2025 9:05:00 AM

Matrix: Water

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

Ferrous Iron by SM3500-Fe B

Batch ID: R10377 Analyst: JH

Ferrous Iron	89.4	7.50	DH	mg/L	50	10/14/2025 8:51:37 AM
--------------	------	------	----	------	----	-----------------------

Lab ID: 2510271-003

Client Sample ID: MW09-20251009

Collection Date: 10/9/2025 10:30:00 AM

Matrix: Water

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

Ferrous Iron by SM3500-Fe B

Batch ID: R10377 Analyst: JH

Ferrous Iron	0.658	0.150	H	mg/L	1	10/14/2025 8:51:37 AM
--------------	-------	-------	---	------	---	-----------------------

Work Order: 2510271
CLIENT: OnSite Environmental Inc
Project: The Hearthstone

QC SUMMARY REPORT

Ferrous Iron by SM3500-Fe B

Sample ID: MB-R103779	SampType: MBLK	Units: mg/L	Prep Date: 10/14/2025	RunNo: 103779							
Client ID: MBLKW	Batch ID: R103779		Analysis Date: 10/14/2025	SeqNo: 2165255							
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-R103779		SampType: LCS			Units: mg/L		Prep Date: 10/14/2025			RunNo: 103779		
Client ID: LCSW		Batch ID: R103779			Analysis Date: 10/14/2025			SeqNo: 2165256				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Ferrous Iron 0.432 0.150 0.4000 0 108 85 115

Sample ID: 2510240-004ADUP		SampType: DUP		Units: mg/L		Prep Date: 10/14/2025			RunNo: 103779			
Client ID: BATCH		Batch ID: R103779					Analysis Date: 10/14/2025			SeqNo: 2165585		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Ferrous Iron 0.185 0.150 0.1889 2.20 20 H

Sample ID: 2510240-004AMS		SampType: MS		Units: mg/L		Prep Date: 10/14/2025		RunNo: 103779			
Client ID: BATCH		Batch ID: R103779				Analysis Date: 10/14/2025		SeqNo: 2165586			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Ferrous Iron 0.893 0.150 0.4000 0.1889 176 70 130 SH

NOTES:

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

Sample ID: 2510240-004AMSD		SampType: MSD			Units: mg/L		Prep Date: 10/14/2025			RunNo: 103779		
Client ID: BATCH		Batch ID: R103779			Analysis Date: 10/14/2025				SeqNo: 2165587			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Ferrous Iron 0.914 0.150 0.4000 0.1889 181 70 130 0.8932 2.28 30 SH

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: **2510271**

Logged by: **Morgan Wilson**

Date Received: **10/9/2025 4:00:00 PM**

Chain of Custody

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

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:

Sample Times per Bottles

Item Information

Item #	Temp °C
Sample	4.1

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



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

T6 FREMONT

2510271

Page 1 of 1

Company: SoundEarth Strategies		Turnaround Request (In working days) (Check One) ☐ Same Day ☐ 1 Day ☐ 2 Days ☐ 3 Days ☒ Standard (7 Days) ☐ (other) _____		Laboratory Number:															
Project Number: 0651-002																			
Project Name: The Hearthstone																			
Project Manager: Tom Cammarata																			
Sampled by: Linnea Coleman																			
Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	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 HCPA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664	% Moisture
MW15-20251009		10/9/25		H ₂ O	1							X							
MW32-20251009		↓		↓	1							X							
MW09-20251009		↓		↓	1							X							
10/9/25																			
Signature		Company	Date	Time	Comments/Special Instructions														
Relinquished		SoundEarth	10/9/25	1530	Direct bill to The Hearthstone CVOCs = PCE, TCE, cis/trans-1,2-DCE, VC														
Received		Alpha	10/9/25	1530	Analyze samples at the lowest dilution possible.														
Relinquished		Alpha	10/9/25	1600															
Received		ATLA	10/9/25	1400-1430	David OnSite														
Relinquished					Send lab reports to Tom Cammarata														
Received					Data Package: Standard ☐ Level III ☐ Level IV ☐														
Reviewed/Date					Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☒														

Analytical Results

SiREM File Reference: S-11504

Client: OnSite Environmental Inc.
Client Project Number: 0651-002
Date Samples Received: October 14, 2025
Date Samples Analyzed: October 21, 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
MW15-20251009	25-24549	9-Oct-25	50x	<0.30	0.72 J	<0.15	<0.30	<0.15	<0.15
MW32-20251009	25-24550	9-Oct-25	50x	<0.30	0.71 J	<0.15	<0.30	<0.15	<0.15
MW09-20251009	25-24551	9-Oct-25	50x	<0.30	0.71 J	<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:

October 27, 2025

EIM

**PLEASE RETURN
COOLER, ~~FOAM,~~
& BLUE ICE**



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

Laboratory: SiREM Laboratory

Attention: Ximena Druan

Address: 180A Market Place Blvd.

Address: Knoxville, TN 37922

Phone Number: (865) 330-0037

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other:

Laboratory Reference #: 10-161

Project Manager: David Baumeister

email: dbaumeister@onsite-env.com

Project Number: 0651-002

Project Name:

EIM

**PLEASE RETURN
COOLER, FOAM,
& BLUE ICE**



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Chain of Custody

Page 1 of 1

Turnaround Request
(in working days)

Laboratory Number: **10-161**

(Check One)

☐ Same Day ☐ 1 Day

☐ 2 Days ☐ 3 Days

☒ Standard (7 Days)

☐ (other) _____

Company: **SoundEarth Strategies**

Project Number:

0651-002

Project Name:

The Hearthstone

Project Manager:

Tom Cammarata

Sampled by:

Linnea Coleman

Lab ID Sample Identification

1 MW15-20251009

2 MW32-20251009

3 MW09-20251009

Date Sampled Time Sampled Matrix

10/9/25 1030 1h20

0905 11

0900 11

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 **sent direct to Fremont**

Organophosphorus Pesticides 8270/SIM

Chlorinated Acid Herbicides 8151

Total RCRA Metals

Total MTCA Metals

TCLP Metals

HEM (oil and grease) 1664

% Moisture

Lot

10/9/25

Signature

Linnea Coleman

Company

SoundEarth

Date

10/9/25 1030

Comments/Special Instructions

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

Received

Reviewed/Date

Reviewed/Date

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

Sample/Cooler Receipt and Acceptance Checklist

Client: SES

Client Project Name/Number: 0651-002

OnSite Project Number: 10-161

Initiated by: MM

Date Initiated: 10/9/25

1.0 Cooler Verification

1.1 Were there custody seals on the outside of the cooler?	Yes	<u>No</u>	N/A	1	2	3	4
1.2 Were the custody seals intact?	Yes	No	<u>N/A</u>	1	2	3	4
1.3 Were the custody seals signed and dated by last custodian?	Yes	No	<u>N/A</u>	1	2	3	4
1.4 Were the samples delivered on ice or blue ice?	<u>Yes</u>	No	N/A	1	2	3	4
1.5 Were samples received between 0-6 degrees Celsius?	<u>Yes</u>	No	Temperature: <u>4</u>				
1.6 Have shipping bills (if any) been attached to the back of this form?	Yes	<u>N/A</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	1	2	3	4
2.2 Was the COC legible and written in permanent ink?	<u>Yes</u>	No	1	2	3	4
2.3 Have samples been relinquished and accepted by each custodian?	<u>Yes</u>	No	1	2	3	4
2.4 Did the sample labels (ID, date, time, preservative) agree with COC?	<u>Yes</u>	No	1	2	3	4
2.5 Were all of the samples listed on the COC submitted?	<u>Yes</u>	No	1	2	3	4
2.6 Were any of the samples submitted omitted from the COC?	Yes	<u>No</u>	1	2	3	4

3.0 Sample Verification

3.1 Were any sample containers broken or compromised?	Yes	<u>No</u>	1	2	3	4	
3.2 Were any sample labels missing or illegible?	Yes	<u>No</u>	1	2	3	4	
3.3 Have the correct containers been used for each analysis requested?	<u>Yes</u>	No	1	2	3	4	
3.4 Have the samples been correctly preserved?	<u>Yes</u>	No	N/A	1	2	3	4
3.5 Are volatile samples free from headspace and bubbles greater than 6mm?	<u>Yes</u>	No	N/A	1	2	3	4
3.6 Is there sufficient sample submitted to perform requested analyses?	<u>Yes</u>	No	1	2	3	4	
3.7 Have any holding times already expired or will expire in 24 hours?	<u>Yes</u>	No	1	2	3	4	
3.8 Was method 5035A used?	Yes	No	<u>N/A</u>	1	2	3	4
3.9 If 5035A was used, which sampling option was used (#1, 2, or 3).	#	<u>N/A</u>	1	2	3	4	

Explain any discrepancies:

<u>3.7) Ferrus / ron</u>

1 - Discuss issue in Case Narrative

2 - Process Sample As-is

3 - Client contacted to discuss problem

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



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

November 14, 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. 2511-116

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 "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: November 14, 2025
Samples Submitted: April 18, 2023
Laboratory Reference: 2511-116
Project: 0651-002

Case Narrative

Samples were collected on November 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 14, 2025
 Samples Submitted: April 18, 2023
 Laboratory Reference: 2511-116
 Project: 0651-002

VOLATILE ORGANICS EPA 8260D

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	IW21-20251111					
Laboratory ID:	11-116-01					
Vinyl Chloride	2.6	0.20	EPA 8260D	11-12-25	11-12-25	
(trans) 1,2-Dichloroethene	ND	0.40	EPA 8260D	11-12-25	11-12-25	
(cis) 1,2-Dichloroethene	0.54	0.40	EPA 8260D	11-12-25	11-12-25	
Trichloroethene	ND	0.40	EPA 8260D	11-12-25	11-12-25	
Tetrachloroethene	ND	0.40	EPA 8260D	11-12-25	11-12-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	97	68-133				
<i>Toluene-d8</i>	99	79-123				
<i>4-Bromofluorobenzene</i>	100	78-117				



Date of Report: November 14, 2025
 Samples Submitted: April 18, 2023
 Laboratory Reference: 2511-116
 Project: 0651-002

**VOLATILE ORGANICS EPA 8260D
 QUALITY CONTROL**

Matrix: Water

Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1112W1					
Vinyl Chloride	ND	0.10	EPA 8260D	11-12-25	11-12-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	11-12-25	11-12-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	11-12-25	11-12-25	
Trichloroethene	ND	0.20	EPA 8260D	11-12-25	11-12-25	
Tetrachloroethene	ND	0.20	EPA 8260D	11-12-25	11-12-25	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	96	68-133				
<i>Toluene-d8</i>	99	79-123				
<i>4-Bromofluorobenzene</i>	98	78-117				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES								
Laboratory ID:	11-123-01							
	MS	MSD	MS	MSD	MS	MSD		
Vinyl Chloride	12.1	11.2	10.0	10.0	ND	121 112	69-126	8 16
(trans) 1,2-Dichloroethene	11.4	10.5	10.0	10.0	ND	114 105	70-127	8 16
(cis) 1,2-Dichloroethene	11.5	10.7	10.0	10.0	ND	115 107	71-130	7 16
Trichloroethene	11.6	10.8	10.0	10.0	ND	116 108	74-134	7 12
Tetrachloroethene	11.8	10.4	10.0	10.0	ND	118 104	78-132	13 22
<i>Surrogate:</i>								
<i>Dibromofluoromethane</i>					97	97	68-133	
<i>Toluene-d8</i>					101	99	79-123	
<i>4-Bromofluorobenzene</i>					99	99	78-117	

SPIKE BLANK

Laboratory ID:	SB1112W1							
Vinyl Chloride	11.8		10.0		118		67-131	
(trans) 1,2-Dichloroethene	11.0		10.0		110		76-126	
(cis) 1,2-Dichloroethene	11.0		10.0		110		77-129	
Trichloroethene	11.2		10.0		112		80-130	
Tetrachloroethene	11.5		10.0		115		80-130	
<i>Surrogate:</i>								
<i>Dibromofluoromethane</i>					94		68-133	
<i>Toluene-d8</i>					101		79-123	
<i>4-Bromofluorobenzene</i>					100		78-117	





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





**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

Page 1 of 1

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)

Lab ID **SW21-20251111**

Date Sampled **11/11/25** Time Sampled **1330** Matrix **H2O**

Number of Containers **3**

Laboratory Number: **11-116**

☒	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

Lee
11/11/25

Signature

Linnea Coleman

Company

Sound Earth

Date

11/11/25

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.

Send lab reports to Tom & Linnea

Data Package: Standard ☐ Level III ☐ Level IV ☐

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

Received

Received

Relinquished

Received

Relinquished

Received

Relinquished

Received

Relinquished

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Relinquished

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Relinquished

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Relinquished

Received

Relinquished

Received

Relinquished

Sample/Cooler Receipt and Acceptance Checklist

Client: SES

Client Project Name/Number: 0651-002

OnSite Project Number: 11-116

Initiated by: MM

Date Initiated: 11/11/15

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	Temperature: <u>1</u>
1.6 Have shipping bills (if any) been attached to the back of this form?	Yes	☒ N/A		
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	N/A
3.5 Are volatiles samples free from headspace and bubbles greater than 6mm?	☒ Yes	No	N/A
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	☒ N/A
3.9 If 5035A was used, which sampling option was used (#1 or #2).	#		☒ N/A

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

2 - Process Sample As-is

3 - Client contacted to discuss problem

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

Vapor Intrusion Assessment

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Elizabeth Webber-Bruya
Ann Webber-Bruya
Michael Erdahl
Vineta Mills
Eric Young

5500 4th Ave South
Seattle, WA 98108-2419
(206) 285-8282
office@friedmanandbruya.com
www.friedmanandbruya.com

December 26, 2025

Tom Cammarata, Project Manager
SoundEarth Strategies
2320 West Commodore Way Suite 110
Seattle, WA 98199

Dear Mr Cammarata:

Included are the results from the testing of material submitted on December 17, 2025 from the SOU_0651-002_20251217, F&BI 512345 project. There are 8 pages included in this report.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
c: Clare Tochilin
SOU1226R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on December 17, 2025 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0651-002_20251217, F&BI 512345 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
512345 -01	SS01-20251216
512345 -02	SS02-20251216

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	SS01-20251216	Client:	SoundEarth Strategies
Date Received:	12/17/25	Project:	SOU_0651-002_20251217
Date Collected:	12/16/25	Lab ID:	512345-01 1/6.2
Date Analyzed:	12/19/25	Data File:	121826.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	bat

	%	Lower	Upper
Surrogates:	Recovery:	Limit:	Limit:
4-Bromofluorobenzene	92	70	130

Compounds:	Concentration	
	ug/m3	ppbv
Vinyl chloride	<0.79	<0.31
trans-1,2-Dichloroethene	<2.5	<0.62
cis-1,2-Dichloroethene	<2.5	<0.62
Trichloroethene	<0.67	<0.12
Tetrachloroethene	<42	<6.2

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	SS02-20251216	Client:	SoundEarth Strategies
Date Received:	12/17/25	Project:	SOU_0651-002_20251217
Date Collected:	12/16/25	Lab ID:	512345-02 1/5.5
Date Analyzed:	12/19/25	Data File:	121828.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	bat

	%	Lower	Upper
Surrogates:	Recovery:	Limit:	Limit:
4-Bromofluorobenzene	85	70	130

Compounds:	Concentration	
	ug/m3	ppbv
Vinyl chloride	<0.7	<0.28
trans-1,2-Dichloroethene	<2.2	<0.55
cis-1,2-Dichloroethene	<2.2	<0.55
Trichloroethene	<0.59	<0.11
Tetrachloroethene	<37	<5.5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0651-002_20251217
Date Collected:	Not Applicable	Lab ID:	05-3155 MB
Date Analyzed:	12/18/25	Data File:	121814.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	bat

	%	Lower	Upper
Surrogates:	Recovery:	Limit:	Limit:
4-Bromofluorobenzene	80	70	130

Compounds:	Concentration	
	ug/m3	ppbv
Vinyl chloride	<0.13	<0.05
trans-1,2-Dichloroethene	<0.4	<0.1
cis-1,2-Dichloroethene	<0.4	<0.1
Trichloroethene	<0.11	<0.02
Tetrachloroethene	<6.8	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/26/25

Date Received: 12/17/25

Project: SOU_0651-002_20251217, F&BI 512345

Date Extracted: 12/22/25

Date Analyzed: 12/23/25

**RESULTS FROM THE ANALYSIS OF AIR SAMPLES
FOR HELIUM USING METHOD ASTM D1946**

Results Reported as % Helium

Sample ID

Laboratory ID

Helium

SS01-20251216

512345-01

<0.6

SS02-20251216

512345-02

0.7

Method Blank

O5-3217 MB

<0.6

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/26/25

Date Received: 12/17/25

Project: SOU_0651-002_20251217, F&BI 512345

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES
FOR VOLATILES BY METHOD TO-15**

Laboratory Code: 512345-01 1/6.2 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 25)
Vinyl chloride	ug/m3	<0.79	<0.79	nm
trans-1,2-Dichloroethene	ug/m3	<2.5	<2.5	nm
cis-1,2-Dichloroethene	ug/m3	<2.5	<2.5	nm
Trichloroethene	ug/m3	<0.67	<0.67	nm
Tetrachloroethene	ug/m3	<42	<42	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent	Acceptance Criteria
			Recovery LCS	
Vinyl chloride	ug/m3	35	105	70-130
trans-1,2-Dichloroethene	ug/m3	54	102	70-130
cis-1,2-Dichloroethene	ug/m3	54	99	70-130
Trichloroethene	ug/m3	73	110	70-130
Tetrachloroethene	ug/m3	92	118	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/26/25

Date Received: 12/17/25

Project: SOU_0651-002_20251217, F&BI 512345

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES
FOR HELIUM
USING METHOD ASTM D1946**

Laboratory Code: 512379-01 (Duplicate)

Analyte	Sample Result (%)	Duplicate Result (%)	Relative Percent Difference	Acceptance Criteria
Helium	0.6	0.7	15	0-20

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria, biased low; or, the calibration results for the analyte were outside of acceptance criteria, biased high, with a detection for the analyte in the sample. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The analyte is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht - The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported between the method detection limit and the lowest calibration point. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

k - The calibration results for the analyte were outside of acceptance criteria, biased high, and the analyte was not detected in the sample.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

SAMPLE CONDITION UPON RECEIPT CHECKLIST

PROJECT # 512345 CLIENT Sound INITIALS/ AP
DATE: 12/17/25

If custody seals are present on cooler, are they intact? ☒ NA ☐ YES ☐ NO

Cooler/Sample temperature 14 °C
Thermometer ID: Fluke 96312917

Were samples received on ice/cold packs? ☐ YES ☒ NO

How did samples arrive?
☒ Over the Counter ☐ Picked up by F&BI ☐ FedEx/UPS/GSO

Is there a Chain-of-Custody* (COC)? ☒ YES ☐ NO Initials/ AP
*or other representative documents, letters, and/or shipping memos Date: 12/17/25

Number of days samples have been sitting prior to receipt at laboratory 1 days

Are the samples clearly identified? (explain "no" answer below) ☒ YES ☐ NO

Were all sample containers received intact (i.e. not broken, leaking etc.)? (explain "no" answer below) ☒ YES ☐ NO

Were appropriate sample containers used? ☒ YES ☐ NO ☐ Unknown

If custody seals are present on samples, are they intact? ☒ NA ☐ YES ☐ NO

Are samples requiring no headspace, headspace free? ☒ NA ☐ YES ☐ NO

Is the following information provided on the COC, and does it match the sample label?
(explain "no" answer below)

Sample ID's	☐ Yes ☐ No	☐ Not on COC/label
Date Sampled	☐ Yes ☐ No	☐ Not on COC/label
Time Sampled	☐ Yes ☐ No	☐ Not on COC/label
# of Containers	☐ Yes ☐ No	
Relinquished	☐ Yes ☐ No	
Requested analysis	☐ Yes ☐ On Hold	

Other comments (use a separate page if needed)

Air Samples: Were any additional canisters/tubes received? ☐ NA ☐ YES ☒ NO
Number of unused TO15 canisters** _____ Number of unused TO17 tubes _____

**Fill out Green manifolds billing sheet

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Elizabeth Webber-Bruya
Ann Webber-Bruya
Michael Erdahl
Vineta Mills
Eric Young

5500 4th Ave South
Seattle, WA 98108-2419
(206) 285-8282
office@friedmanandbruya.com
www.friedmanandbruya.com

December 26, 2025

Tom Cammarata, Project Manager
SoundEarth Strategies
2320 West Commodore Way Suite 110
Seattle, WA 98199

Dear Mr Cammarata:

Included are the results from the testing of material submitted on December 17, 2025 from the SOU_0651-002_20251217, F&BI 512346 project. There are 10 pages included in this report.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
c: Clare Tochilin
SOU1226R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on December 17, 2025 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0651-002_20251217, F&BI 512346 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
512346 -01	IA02-20251216
512346 -02	IA05-20251216
512346 -03	IA01-20251216
512346 -04	IA03-20251216
512346 -05	IA04-20251216
512346 -06	OA01-20251216

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	IA02-20251216	Client:	SoundEarth Strategies
Date Received:	12/17/25	Project:	SOU_0651-002_20251217, F&BI 512346
Date Collected:	12/16/25	Lab ID:	512346-01 1/0.91
Date Analyzed:	12/19/25	Data File:	121824.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	bat

	%	Lower	Upper
Surrogates:	Recovery:	Limit:	Limit:
4-Bromofluorobenzene	86	70	130

Compounds:	Concentration	
	ug/m3	ppbv
Vinyl chloride	<0.12	<0.045
trans-1,2-Dichloroethene	<0.36	<0.091
cis-1,2-Dichloroethene	<0.36	<0.091
Trichloroethene	<0.098	<0.018
Tetrachloroethene	<6.2	<0.91

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	IA05-20251216	Client:	SoundEarth Strategies
Date Received:	12/17/25	Project:	SOU_0651-002_20251217, F&BI 512346
Date Collected:	12/16/25	Lab ID:	512346-02 1/0.91
Date Analyzed:	12/19/25	Data File:	121823.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	bat

	%	Lower	Upper
Surrogates:	Recovery:	Limit:	Limit:
4-Bromofluorobenzene	84	70	130

	Concentration	
Compounds:	ug/m3	ppbv
Vinyl chloride	<0.12	<0.045
trans-1,2-Dichloroethene	<0.36	<0.091
cis-1,2-Dichloroethene	<0.36	<0.091
Trichloroethene	<0.098	<0.018
Tetrachloroethene	<6.2	<0.91

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	IA01-20251216	Client:	SoundEarth Strategies
Date Received:	12/17/25	Project:	SOU_0651-002_20251217, F&BI 512346
Date Collected:	12/16/25	Lab ID:	512346-03 1/1.1
Date Analyzed:	12/19/25	Data File:	121822.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	bat

	%	Lower	Upper
Surrogates:	Recovery:	Limit:	Limit:
4-Bromofluorobenzene	84	70	130

	Concentration	
Compounds:	ug/m3	ppbv
Vinyl chloride	<0.14	<0.055
trans-1,2-Dichloroethene	<0.44	<0.11
cis-1,2-Dichloroethene	<0.44	<0.11
Trichloroethene	<0.12	<0.022
Tetrachloroethene	<7.5	<1.1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	IA03-20251216	Client:	SoundEarth Strategies
Date Received:	12/17/25	Project:	SOU_0651-002_20251217, F&BI 512346
Date Collected:	12/16/25	Lab ID:	512346-04 1/0.90
Date Analyzed:	12/18/25	Data File:	121821.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	bat

	%	Lower	Upper
Surrogates:	Recovery:	Limit:	Limit:
4-Bromofluorobenzene	86	70	130

Compounds:	Concentration	
	ug/m3	ppbv
Vinyl chloride	<0.12	<0.045
trans-1,2-Dichloroethene	<0.36	<0.09
cis-1,2-Dichloroethene	<0.36	<0.09
Trichloroethene	<0.097	<0.018
Tetrachloroethene	<6.1	<0.9

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	IA04-20251216	Client:	SoundEarth Strategies
Date Received:	12/17/25	Project:	SOU_0651-002_20251217, F&BI 512346
Date Collected:	12/16/25	Lab ID:	512346-05 1/1.2
Date Analyzed:	12/18/25	Data File:	121820.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	bat

	%	Lower	Upper
Surrogates:	Recovery:	Limit:	Limit:
4-Bromofluorobenzene	85	70	130

	Concentration	
Compounds:	ug/m3	ppbv
Vinyl chloride	<0.15	<0.06
trans-1,2-Dichloroethene	<0.48	<0.12
cis-1,2-Dichloroethene	<0.48	<0.12
Trichloroethene	<0.13	<0.024
Tetrachloroethene	<8.1	<1.2

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	OA01-20251216	Client:	SoundEarth Strategies
Date Received:	12/17/25	Project:	SOU_0651-002_20251217, F&BI 512346
Date Collected:	12/16/25	Lab ID:	512346-06 1/0.96
Date Analyzed:	12/18/25	Data File:	121819.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	bat

	%	Lower	Upper
Surrogates:	Recovery:	Limit:	Limit:
4-Bromofluorobenzene	85	70	130

	Concentration	
Compounds:	ug/m3	ppbv
Vinyl chloride	<0.12	<0.048
trans-1,2-Dichloroethene	<0.38	<0.096
cis-1,2-Dichloroethene	<0.38	<0.096
Trichloroethene	<0.1	<0.019
Tetrachloroethene	<6.5	<0.96

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0651-002_20251217, F&BI 512346
Date Collected:	Not Applicable	Lab ID:	05-3155 MB
Date Analyzed:	12/18/25	Data File:	121814.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	bat

	%	Lower	Upper
Surrogates:	Recovery:	Limit:	Limit:
4-Bromofluorobenzene	80	70	130

Compounds:	Concentration	
	ug/m3	ppbv
Vinyl chloride	<0.13	<0.05
trans-1,2-Dichloroethene	<0.4	<0.1
cis-1,2-Dichloroethene	<0.4	<0.1
Trichloroethene	<0.11	<0.02
Tetrachloroethene	<6.8	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/26/25

Date Received: 12/17/25

Project: SOU_0651-002_20251217, F&BI 512346

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES
FOR VOLATILES BY METHOD TO-15**

Laboratory Code: 512345-01 1/6.2 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 25)
Vinyl chloride	ug/m3	<0.79	<0.79	nm
trans-1,2-Dichloroethene	ug/m3	<2.5	<2.5	nm
cis-1,2-Dichloroethene	ug/m3	<2.5	<2.5	nm
Trichloroethene	ug/m3	<0.67	<0.67	nm
Tetrachloroethene	ug/m3	<42	<42	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	ug/m3	35	105	70-130
trans-1,2-Dichloroethene	ug/m3	54	102	70-130
cis-1,2-Dichloroethene	ug/m3	54	99	70-130
Trichloroethene	ug/m3	73	110	70-130
Tetrachloroethene	ug/m3	92	118	70-130

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ENVIRONMENTAL CHEMISTS

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria, biased low; or, the calibration results for the analyte were outside of acceptance criteria, biased high, with a detection for the analyte in the sample. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The analyte is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht - The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported between the method detection limit and the lowest calibration point. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

k - The calibration results for the analyte were outside of acceptance criteria, biased high, and the analyte was not detected in the sample.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

512346

SAMPLE CHAIN OF CUSTODY

12/17/25

Sent report to Tom Cammarata, Clare Tschlin

Company SoundEarth Strategies, Inc.

Address 2320 West Commodore Way, Suite 110

City, State, ZIP Seattle, Washington 98199

Phone # 206-306-1900 Fax # 206-306-1907

Page # 1 of 1

TURNAROUND TIME

Standard (2 Weeks)

RUSH

Rush charges authorized by:

SAMPLE DISPOSAL

Dispose after 30 days

Return samples

Will call with instructions

SAMPLERS (signature)

PROJECT NAME/NO.

Plastics Sales & Service

0651-002

REMARKS

Indoor Air Reporting Levels

PO #

ANALYSES REQUESTED

PCE, TCE, cis- and
trans-1,2-DCE,
Vinyl Chloride

Notes

Sample ID	Lab ID	Canister ID	Flow Controller ID	Date Sampled	Field Initial Pressure (Inches of Hg)	Field Initial Time	Field Final Pressure (Inches of Hg)	Field Final Time	PCE, TCE, cis- and trans-1,2-DCE, Vinyl Chloride	Notes
IA02-20251216	01	51805	20484	12/16/25	-29	0855	-5	1659	X	
IA05-20251216	02	49729	06607		-30	0905	-6	1705	X	
IA01-20251216	03	18579	07853		-30	0913	-8	1719	X	
IA03-20251216	04	49849	19500		-30	0927	-4	1710	X	
IA04-20251216	05	49737	20468		-29	0939	-10	1559	X	
OA01-20251216	06	51796	20471		-29	0959	-7	1735	X	
Samples received at 14 °C										

Friedman & Bruya, Inc.

3012 16th Avenue West

Seattle, WA 98119-2029

Ph. (206) 285-8282

Fax (206) 283-5044

FORMS\COG\COG.DOC

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <i>[Signature]</i>	JONATHAN LOEFFLER	SOUNDEARTH	12/17/25	1525
Received by: <i>[Signature]</i>	John Pham	E&T	12/17/25	15:25
Relinquished by:				
Received by:				

SAMPLE CONDITION UPON RECEIPT CHECKLIST

PROJECT # 512346 CLIENT Sound INITIALS/ AP
DATE: 12/17/25

If custody seals are present on cooler, are they intact? ☒ NA ☐ YES ☐ NO

Cooler/Sample temperature 14 °C
Thermometer ID: Fluke 96312917

Were samples received on ice/cold packs? ☐ YES ☒ NO

How did samples arrive?
☒ Over the Counter ☐ Picked up by F&BI ☐ FedEx/UPS/GSO

Is there a Chain-of-Custody* (COC)? ☒ YES ☐ NO Initials/ AP
*or other representative documents, letters, and/or shipping memos Date: 12/17/25

Number of days samples have been sitting prior to receipt at laboratory 1 days

Are the samples clearly identified? (explain "no" answer below) ☒ YES ☐ NO

Were all sample containers received intact (i.e. not broken, leaking etc.)? (explain "no" answer below) ☒ YES ☐ NO

Were appropriate sample containers used? ☒ YES ☐ NO ☐ Unknown

If custody seals are present on samples, are they intact? ☒ NA ☐ YES ☐ NO

Are samples requiring no headspace, headspace free? ☒ NA ☐ YES ☐ NO

Is the following information provided on the COC, and does it match the sample label?
(explain "no" answer below)

Sample ID's	☐ Yes ☐ No	☐ Not on COC/label
Date Sampled	☐ Yes ☐ No	☐ Not on COC/label
Time Sampled	☐ Yes ☐ No	☐ Not on COC/label
# of Containers	☐ Yes ☐ No	
Relinquished	☐ Yes ☐ No	
Requested analysis	☐ Yes ☐ On Hold	

Other comments (use a separate page if needed)

Air Samples: Were any additional canisters/tubes received? ☐ NA ☐ YES ☒ NO

Number of unused TO15 canisters** Number of unused TO17 tubes

**Fill out Green manifolds billing sheet

ATTACHMENT B
MANN-KENDALL NON-PARAMETRIC TREND RESULTS

Mann-Kendall Trend Test Analysis

User Selected Options IW15
Date/Time of Computation 1/27/2026 1:48:26 PM
From File WorkSheet.wst
Full Precision OFF
Confidence Coefficient 0.85
Level of Significance 0.15

cis-1,2-DCE

General Statistics

Number of Values 16
Minimum 3.3
Maximum 69
Mean 40.21
Geometric Mean 34.68
Median 44
Standard Deviation 16.03
SEM 4.006

Mann-Kendall Test

Test Value (S) 32
Tabulated p-value 0.083
Standard Deviation of S 22.21
Standardized Value of S 1.396
Approximate p-value 0.0814

Statistically significant evidence of an increasing trend at the specified level of significance.

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation 1/27/2026 1:49:12 PM
From File WorkSheet.wst
Full Precision OFF
Confidence Coefficient 0.85
Level of Significance 0.15

VC

General Statistics

Number of Values 16
Minimum 0.58
Maximum 37
Mean 13.58
Geometric Mean 9.653
Median 10
Standard Deviation 10.07
SEM 2.517

Mann-Kendall Test

Test Value (S) -47
Tabulated p-value 0.021
Standard Deviation of S 22.19
Standardized Value of S -2.073
Approximate p-value 0.0191

Statistically significant evidence of a decreasing trend at the specified level of significance.

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation 1/27/2026 1:52:37 PM

From File WorkSheet.wst

Full Precision OFF

Confidence Coefficient 0.85

Level of Significance 0.15

VC

General Statistics

Number of Values 17

Minimum 2.8

Maximum 280

Mean 121

Geometric Mean 56.41

Median 150

Standard Deviation 98.01

SEM 23.77

Mann-Kendall Test

Test Value (S) -47

Tabulated p-value 0.032

Standard Deviation of S 24.26

Standardized Value of S -1.896

Approximate p-value 0.0289

Statistically significant evidence of a decreasing trend at the specified level of significance.

Mann-Kendall Trend Test Analysis

User Selected Options IW32
Date/Time of Computation 1/27/2026 1:56:11 PM
From File WorkSheet.wst
Full Precision OFF
Confidence Coefficient 0.85
Level of Significance 0.15

cis-1,2-DCE

General Statistics

Number of Values 17
Minimum 110
Maximum 10000
Mean 5589
Geometric Mean 4358
Median 5800
Standard Deviation 2555
SEM 619.6

Mann-Kendall Test

Test Value (S) -11
Tabulated p-value 0.358
Standard Deviation of S 24.21
Standardized Value of S -0.413
Approximate p-value 0.34

**Insufficient evidence to identify a significant
trend at the specified level of significance.**

Mann-Kendall Trend Test Analysis

User Selected Options IW32
Date/Time of Computation 1/27/2026 1:55:49 PM
From File WorkSheet.wst
Full Precision OFF
Confidence Coefficient 0.85
Level of Significance 0.15

PCE

General Statistics

Number of Values 17
Minimum 1
Maximum 570
Mean 66.29
Geometric Mean 32.92
Median 40
Standard Deviation 130.6
SEM 31.69

Mann-Kendall Test

Test Value (S) -31
Tabulated p-value 0.118
Standard Deviation of S 23.9
Standardized Value of S -1.255
Approximate p-value 0.105

**Statistically significant evidence of a decreasing
trend at the specified level of significance.**

Mann-Kendall Trend Test Analysis

User Selected Options IW32
Date/Time of Computation 1/27/2026 1:56:03 PM
From File WorkSheet.wst
Full Precision OFF
Confidence Coefficient 0.85
Level of Significance 0.15

TCE

General Statistics

Number of Values 17
Minimum 1
Maximum 950
Mean 195.4
Geometric Mean 95.45
Median 150
Standard Deviation 220.2
SEM 53.41

Mann-Kendall Test

Test Value (S) -84
Tabulated p-value 0
Standard Deviation of S 24.18
Standardized Value of S -3.433
Approximate p-value 0.0002989

**Statistically significant evidence of a decreasing
trend at the specified level of significance.**

Mann-Kendall Trend Test Analysis

User Selected Options IW32
Date/Time of Computation 1/27/2026 1:56:29 PM
From File WorkSheet.wst
Full Precision OFF
Confidence Coefficient 0.85
Level of Significance 0.15

VC

General Statistics

Number of Values 17
Minimum 73
Maximum 3500
Mean 1051
Geometric Mean 693
Median 1000
Standard Deviation 894.4
SEM 216.9

Mann-Kendall Test

Test Value (S) 78
Tabulated p-value 0
Standard Deviation of S 24.12
Standardized Value of S 3.192
Approximate p-value 0.0007071

Statistically significant evidence of an increasing trend at the specified level of significance.

Mann-Kendall Trend Test Analysis

User Selected Options IW34
Date/Time of Computation 1/27/2026 2:02:04 PM
From File WorkSheet.wst
Full Precision OFF
Confidence Coefficient 0.85
Level of Significance 0.15

cis-1,2-DCE

General Statistics

Number of Values 20
Minimum 11
Maximum 37000
Mean 14507
Geometric Mean 6357
Median 12000
Standard Deviation 11696
SEM 2615

Mann-Kendall Test

Test Value (S) 48
Tabulated p-value 0.064
Standard Deviation of S 30.82
Standardized Value of S 1.525
Approximate p-value 0.0636

Statistically significant evidence of an increasing trend at the specified level of significance.

Mann-Kendall Trend Test Analysis

User Selected Options IW34
Date/Time of Computation 1/27/2026 2:01:49 PM
From File WorkSheet.wst
Full Precision OFF
Confidence Coefficient 0.85
Level of Significance 0.15

PCE

General Statistics

Number of Values 20
Minimum 10
Maximum 10000
Mean 668.5
Geometric Mean 155.4
Median 200
Standard Deviation 2199
SEM 491.7

Mann-Kendall Test

Test Value (S) -120
Tabulated p-value 0
Standard Deviation of S 30.31
Standardized Value of S -3.926
Approximate p-value 4.316E-05

**Statistically significant evidence of a decreasing
trend at the specified level of significance.**

Mann-Kendall Trend Test Analysis

User Selected Options IW34
Date/Time of Computation 1/27/2026 2:01:57 PM
From File WorkSheet.wst
Full Precision OFF
Confidence Coefficient 0.85
Level of Significance 0.15

TCE

General Statistics

Number of Values 20
Minimum 10
Maximum 3100
Mean 631.1
Geometric Mean 195.2
Median 200
Standard Deviation 929.2
SEM 207.8

Mann-Kendall Test

Test Value (S) -102
Tabulated p-value 0
Standard Deviation of S 30.65
Standardized Value of S -3.295
Approximate p-value 0.0004914

**Statistically significant evidence of a decreasing
trend at the specified level of significance.**

Mann-Kendall Trend Test Analysis

User Selected Options IW34
Date/Time of Computation 1/29/2026 11:00:00 AM
From File P:\0651 Hearthstone\0651-002 Hearthstone - Woodlawn East\Deliverables\2025\2025 Annual Progress Report\Attachment A\Deep Zone\IW34\IW34_rawdata.xls.
Full Precision OFF
Confidence Coefficient 0.95
Level of Significance 0.05

trans-1,2-DCE

General Statistics

Number of Values 20
Minimum 1
Maximum 620
Mean 264
Geometric Mean 135
Median 220
Standard Deviation 195.3
SEM 43.66

Mann-Kendall Test

Test Value (S) 95
Tabulated p-value 0.001
Standard Deviation of S 30.81
Standardized Value of S 3.051
Approximate p-value 0.00114

Statistically significant evidence of an increasing trend at the specified level of significance.

Mann-Kendall Trend Test Analysis

User Selected Options IW34
Date/Time of Computation 1/27/2026 2:02:13 PM
From File WorkSheet.wst
Full Precision OFF
Confidence Coefficient 0.85
Level of Significance 0.15

VC

General Statistics

Number of Values 20
Minimum 0.5
Maximum 620
Mean 263.9
Geometric Mean 126
Median 220
Standard Deviation 195.3
SEM 43.68

Mann-Kendall Test

Test Value (S) 95
Tabulated p-value 0.001
Standard Deviation of S 30.81
Standardized Value of S 3.051
Approximate p-value 0.00114

Statistically significant evidence of an increasing trend at the specified level of significance.

Mann-Kendall Trend Test Analysis

User Selected Options MW09
Date/Time of Computation 1/27/2026 12:37:46 PM
From File P:\0651 Hearthstone\0651-002 Hearthstone - Woodlawn East\Technical\Trend Analysis\Deep Zone\2025\MW09\MW09.wst
Full Precision OFF
Confidence Coefficient 0.85
Level of Significance 0.15

cis-1,2-DCE

General Statistics

Number of Values 17
Minimum 0.5
Maximum 170
Mean 46.71
Geometric Mean 22.66
Median 20
Standard Deviation 55.73
SEM 13.52

Mann-Kendall Test

Test Value (S) -56
Tabulated p-value 0.011
Standard Deviation of S 24.23
Standardized Value of S -2.269
Approximate p-value 0.0116

Statistically significant evidence of a decreasing
trend at the specified level of significance.

Mann-Kendall Trend Test Analysis

User Selected Options MW09
Date/Time of Computation 1/27/2026 12:34:30 PM
From File P:\0651 Hearthstone\0651-002 Hearthstone - Woodlawn East\Technical\Trend Analysis\Deep Zone\2025\MW09\MW09.wst
Full Precision OFF
Confidence Coefficient 0.85
Level of Significance 0.15

PCE

General Statistics

Number of Values 17
Minimum 72
Maximum 760
Mean 368.8
Geometric Mean 310.6
Median 380
Standard Deviation 192.1
SEM 46.59

Mann-Kendall Test

Test Value (S) 83
Tabulated p-value 0
Standard Deviation of S 24.26
Standardized Value of S 3.381
Approximate p-value 0.0003616

Statistically significant evidence of an increasing trend at the specified level of significance.

Mann-Kendall Trend Test Analysis

User Selected Options MW09
Date/Time of Computation 1/27/2026 12:36:11 PM
From File P:\0651 Hearthstone\0651-002 Hearthstone - Woodlawn East\Technical\Trend Analysis\Deep Zone\2025\MW09\MW09.wst
Full Precision OFF
Confidence Coefficient 0.85
Level of Significance 0.15

TCE

General Statistics

Number of Values 17
Minimum 0.5
Maximum 18
Mean 5.841
Geometric Mean 4.504
Median 4.3
Standard Deviation 4.424
SEM 1.073

Mann-Kendall Test

Test Value (S) -16
Tabulated p-value 0.271
Standard Deviation of S 24.28
Standardized Value of S -0.618
Approximate p-value 0.268

**Insufficient evidence to identify a significant
trend at the specified level of significance.**

Mann-Kendall Trend Test Analysis

User Selected Options MW09
Date/Time of Computation 1/27/2026 12:46:22 PM
From File P:\0651 Hearthstone\0651-002 Hearthstone - Woodlawn East\Technical\Trend Analysis\Deep Zone\2025\ProUCL\MW09\MW09.wst
Full Precision OFF
Confidence Coefficient 0.85
Level of Significance 0.15

VC

General Statistics

Number of Values 17
Minimum 0.1
Maximum 0.65
Mean 0.219
Geometric Mean 0.169
Median 0.1
Standard Deviation 0.179
SEM 0.0434

Mann-Kendall Test

Test Value (S) 26
Tabulated p-value 0.154
Standard Deviation of S 21.53
Standardized Value of S 1.161
Approximate p-value 0.123

**Insufficient evidence to identify a significant
trend at the specified level of significance.**

Mann-Kendall Trend Test Analysis

User Selected Options MW10
Date/Time of Computation 1/27/2026 12:52:32 PM
From File P:\0651 Hearthstone\0651-002 Hearthstone - Woodlawn East\Technical\Trend Analysis\Deep Zone\2025\ProUCL\MW10\MW10_rawdata.wst
Full Precision OFF
Confidence Coefficient 0.85
Level of Significance 0.15

cis-1,2-DCE

General Statistics

Number of Values 18
Minimum 1
Maximum 650
Mean 217.9
Geometric Mean 114.7
Median 165
Standard Deviation 173.5
SEM 40.9

Mann-Kendall Test

Test Value (S) -11
Tabulated p-value 0.354
Standard Deviation of S 26.36
Standardized Value of S -0.379
Approximate p-value 0.352

**Insufficient evidence to identify a significant
trend at the specified level of significance.**

Mann-Kendall Trend Test Analysis

User Selected Options
Date/Time of Computation 1/27/2026 12:50:51 PM
From File P:\0651 Hearthstone\0651-002 Hearthstone - Woodlawn East\Technical\Trend Analysis\Deep Zone\2025\ProUCL\MW10\MW10_rawdata.wst
Full Precision OFF
Confidence Coefficient 0.85
Level of Significance 0.15

PCE

General Statistics

Number of Values 18
Minimum 0.98
Maximum 210
Mean 29.04
Geometric Mean 9.499
Median 8.3
Standard Deviation 52.35
SEM 12.34

Mann-Kendall Test

Test Value (S) -3
Tabulated p-value 0.47
Standard Deviation of S 26.36
Standardized Value of S -0.0759
Approximate p-value 0.47

**Insufficient evidence to identify a significant
trend at the specified level of significance.**

Mann-Kendall Trend Test Analysis

User Selected Options MW10
Date/Time of Computation 1/27/2026 12:51:48 PM
From File P:\0651 Hearthstone\0651-002 Hearthstone - Woodlawn East\Technical\Trend Analysis\Deep Zone\2025\ProUCL\MW10\MW10_rawdata.wst
Full Precision OFF
Confidence Coefficient 0.85
Level of Significance 0.15

TCE

General Statistics

Number of Values 18
Minimum 0.8
Maximum 76
Mean 11.62
Geometric Mean 4.785
Median 4.45
Standard Deviation 18.49
SEM 4.357

Mann-Kendall Test

Test Value (S) 73
Tabulated p-value 0.003
Standard Deviation of S 26.31
Standardized Value of S 2.736
Approximate p-value 0.00311

Statistically significant evidence of an increasing trend at the specified level of significance.

Mann-Kendall Trend Test Analysis

User Selected Options MW10
Date/Time of Computation 1/27/2026 12:53:19 PM
From File P:\0651 Hearthstone\0651-002 Hearthstone - Woodlawn East\Technical\Trend Analysis\Deep Zone\2025\ProUCL\MW10\MW10_rawdata.wst
Full Precision OFF
Confidence Coefficient 0.85
Level of Significance 0.15

VC

General Statistics

Number of Values 18
Minimum 0.2
Maximum 1.6
Mean 0.903
Geometric Mean 0.8
Median 0.885
Standard Deviation 0.409
SEM 0.0964

Mann-Kendall Test

Test Value (S) -30
Tabulated p-value 0.13
Standard Deviation of S 26.33
Standardized Value of S -1.101
Approximate p-value 0.135

Statistically significant evidence of a decreasing trend at the specified level of significance.

Mann-Kendall Trend Test Analysis

User Selected Options MW31
Date/Time of Computation 1/27/2026 2:10:42 PM
From File WorkSheet.wst
Full Precision OFF
Confidence Coefficient 0.85
Level of Significance 0.15

cis-1,2-DCE

General Statistics

Number of Values 13
Minimum 940
Maximum 16000
Mean 8426
Geometric Mean 6916
Median 7900
Standard Deviation 4516
SEM 1252

Mann-Kendall Test

Test Value (S) -16
Tabulated p-value 0.184
Standard Deviation of S 16.39
Standardized Value of S -0.915
Approximate p-value 0.18

**Insufficient evidence to identify a significant
trend at the specified level of significance.**

Mann-Kendall Trend Test Analysis

User Selected Options MW31
Date/Time of Computation 1/27/2026 2:10:24 PM
From File WorkSheet.wst
Full Precision OFF
Confidence Coefficient 0.85
Level of Significance 0.15

PCE

General Statistics

Number of Values 13
Minimum 40
Maximum 19000
Mean 2821
Geometric Mean 215.1
Median 67
Standard Deviation 6545
SEM 1815

Mann-Kendall Test

Test Value (S) -54
Tabulated p-value 0
Standard Deviation of S 16.25
Standardized Value of S -3.262
Approximate p-value 0.0005533

**Statistically significant evidence of a decreasing
trend at the specified level of significance.**

Mann-Kendall Trend Test Analysis

User Selected Options MW31
Date/Time of Computation 1/27/2026 2:10:33 PM
From File WorkSheet.wst
Full Precision OFF
Confidence Coefficient 0.85
Level of Significance 0.15

TCE

General Statistics

Number of Values 13
Minimum 12
Maximum 2600
Mean 406.1
Geometric Mean 120.3
Median 50
Standard Deviation 716.6
SEM 198.8

Mann-Kendall Test

Test Value (S) -26
Tabulated p-value 0.064
Standard Deviation of S 16.12
Standardized Value of S -1.55
Approximate p-value 0.0605

**Statistically significant evidence of a decreasing
trend at the specified level of significance.**

Mann-Kendall Trend Test Analysis

User Selected Options MW31
Date/Time of Computation 1/27/2026 2:10:50 PM
From File WorkSheet.wst
Full Precision OFF
Confidence Coefficient 0.85
Level of Significance 0.15

VC

General Statistics

Number of Values 13
Minimum 10
Maximum 2700
Mean 1121
Geometric Mean 356.4
Median 1100
Standard Deviation 1028
SEM 285

Mann-Kendall Test

Test Value (S) 60
Tabulated p-value 0
Standard Deviation of S 16.39
Standardized Value of S 3.6
Approximate p-value 0.0001594

Statistically significant evidence of an increasing trend at the specified level of significance.

Mann-Kendall Trend Test Analysis

User Selected Options MW34
Date/Time of Computation 1/29/2026 11:45:40 AM
From File WorkSheet.wst
Full Precision OFF
Confidence Coefficient 0.85
Level of Significance 0.15

VC

General Statistics

Number of Values 7
Minimum 0.42
Maximum 9.2
Mean 3.13
Geometric Mean 1.788
Median 1.1
Standard Deviation 3.567
SEM 1.348

Mann-Kendall Test

Test Value (S) -17
Tabulated p-value 0.005
Standard Deviation of S 6.658
Standardized Value of S -2.403
Approximate p-value 0.00813

**Statistically significant evidence of a decreasing
trend at the specified level of significance.**

Mann-Kendall Trend Test Analysis

User Selected Options MW35
Date/Time of Computation 1/27/2026 1:21:41 PM
From File WorkSheet.wst
Full Precision OFF
Confidence Coefficient 0.85
Level of Significance 0.15

cis-1,2-DCE

General Statistics

Number of Values 7
Minimum 21
Maximum 1300
Mean 297.3
Geometric Mean 104
Median 45
Standard Deviation 463.3
SEM 175.1

Mann-Kendall Test

Test Value (S) -7
Tabulated p-value 0.191
Standard Deviation of S 6.658
Standardized Value of S -0.901
Approximate p-value 0.184

**Insufficient evidence to identify a significant
trend at the specified level of significance.**

Mann-Kendall Trend Test Analysis

User Selected Options MW35
Date/Time of Computation 1/27/2026 1:21:06 PM
From File WorkSheet.wst
Full Precision OFF
Confidence Coefficient 0.85
Level of Significance 0.15

PCE

General Statistics

Number of Values 7
Minimum 4.7
Maximum 3600
Mean 1029
Geometric Mean 99.37
Median 28
Standard Deviation 1658
SEM 626.7

Mann-Kendall Test

Test Value (S) -7
Tabulated p-value 0.191
Standard Deviation of S 6.658
Standardized Value of S -0.901
Approximate p-value 0.184

**Insufficient evidence to identify a significant
trend at the specified level of significance.**

Mann-Kendall Trend Test Analysis

User Selected Options MW35
Date/Time of Computation 1/27/2026 1:21:23 PM
From File WorkSheet.wst
Full Precision OFF
Confidence Coefficient 0.85
Level of Significance 0.15

TCE

General Statistics

Number of Values 7
Minimum 1.9
Maximum 220
Mean 53.66
Geometric Mean 15.72
Median 8.9
Standard Deviation 82.77
SEM 31.28

Mann-Kendall Test

Test Value (S) -7
Tabulated p-value 0.191
Standard Deviation of S 6.658
Standardized Value of S -0.901
Approximate p-value 0.184

**Insufficient evidence to identify a significant
trend at the specified level of significance.**

Mann-Kendall Trend Test Analysis

User Selected Options
Date/Time of Computation 1/27/2026 1:24:09 PM
From File WorkSheet.wst
Full Precision OFF
Confidence Coefficient 0.85
Level of Significance 0.15

VC

General Statistics

Number of Values 7
Minimum 0.32
Maximum 30
Mean 7.16
Geometric Mean 2.756
Median 2.6
Standard Deviation 10.82
SEM 4.09

Mann-Kendall Test

Test Value (S) 0
Tabulated p-value 0.5
Standard Deviation of S 6.583
Standardized Value of S N/A
Approximate p-value N/A

**Insufficient evidence to identify a significant
trend at the specified level of significance.**

Mann-Kendall Trend Test Analysis

User Selected Options IW08
Date/Time of Computation 11/17/2025 12:04:02 PM
From File P:\0651 Hearthstone\0651-002 Hearthstone - Woodlawn East\Technical\Trend Analysis\Shallow Zone\ProUCL\IW08\IW08 Raw data.wst
Full Precision OFF
Confidence Coefficient 0.8
Level of Significance 0.2

VC

General Statistics

Number of Events 16
Number of Values 16
Minimum 0.39
Maximum 2.6
Mean 1.621
Geometric Mean 1.483
Median 1.7
Standard Deviation 0.601
SEM 0.15

Mann-Kendall Test

Test Value (S) 25
Tabulated p-value 0.153
Standard Deviation of S 22.14
Standardized Value of S 1.084
Approximate p-value 0.139

Statistically significant evidence of an increasing trend at the specified level of significance.

Mann-Kendall Trend Test Analysis

User Selected Options VC
Date/Time of Computation 11/17/2025 2:02:09 PM
From File P:\0651 Hearthstone\0651-002 Hearthstone - Woodlawn East\Technical\Trend Analysis\Shallow Zone\ProUCL\IW16\IW16 rawadata.wst
Full Precision OFF
Confidence Coefficient 0.8
Level of Significance 0.2

VC

General Statistics

Number of Events 17
Number of Values 17
Minimum 0.81
Maximum 180
Mean 47.31
Geometric Mean 18.62
Median 29
Standard Deviation 56.05
SEM 13.6

Mann-Kendall Test

Test Value (S) -134
Tabulated p-value 0
Standard Deviation of S 24.28
Standardized Value of S -5.479
Approximate p-value 2.143E-08

Statistically significant evidence of a decreasing trend at the specified level of significance.

Mann-Kendall Trend Test Analysis

User Selected Options IW21
Date/Time of Computation 1/28/2026 7:08:06 PM
From File P:\0651 Hearthstone\0651-002 Hearthstone - Woodlawn East\Technical\Trend Analysis\Shallow Zone\2025\ProUCL\IW21\IW21 Raw data.wst
Full Precision OFF
Confidence Coefficient 0.85
Level of Significance 0.15

VC

General Statistics

Number of Values 17
Minimum 1.3
Maximum 1500
Mean 244.2
Geometric Mean 62.57
Median 62
Standard Deviation 382.2
SEM 92.71

Mann-Kendall Test

Test Value (S) -87
Tabulated p-value 0
Standard Deviation of S 24.26
Standardized Value of S -3.546
Approximate p-value 0.0001959

Statistically significant evidence of a decreasing trend at the specified level of significance.

Mann-Kendall Trend Test Analysis

User Selected Options IW33
Date/Time of Computation 1/28/2026 7:10:44 PM
From File P:\0651 Hearthstone\0651-002 Hearthstone - Woodlawn East\Technical\Trend Analysis\Shallow Zone\2025\ProUCL\IW33\IW33 Raw data.wst
Full Precision OFF
Confidence Coefficient 0.85
Level of Significance 0.15

VC

General Statistics

Number of Values 18
Minimum 0.1
Maximum 73
Mean 7.772
Geometric Mean 0.4
Median 0.1
Standard Deviation 19.32
SEM 4.554

Mann-Kendall Test

Test Value (S) 57
Tabulated p-value 0.016
Standard Deviation of S 20.7
Standardized Value of S 2.706
Approximate p-value 0.00341

Statistically significant evidence of an increasing trend at the specified level of significance.

Mann-Kendall Trend Test Analysis

User Selected Options IW59
Date/Time of Computation 1/28/2026 7:13:00 PM
From File P:\0651 Hearthstone\0651-002 Hearthstone - Woodlawn East\Technical\Trend Analysis\Shallow Zone\2025\ProUCL\IW59\IW59 Raw data.wst
Full Precision OFF
Confidence Coefficient 0.85
Level of Significance 0.15

VC

General Statistics

Number of Values 17
Minimum 0.24
Maximum 160
Mean 51.95
Geometric Mean 17.78
Median 28
Standard Deviation 53.25
SEM 12.91

Mann-Kendall Test

Test Value (S) 7
Tabulated p-value 0.42
Standard Deviation of S 24.26
Standardized Value of S 0.247
Approximate p-value 0.402

**Insufficient evidence to identify a significant
trend at the specified level of significance.**

Mann-Kendall Trend Test Analysis

User Selected Options IW61
Date/Time of Computation 1/28/2026 7:14:56 PM
From File P:\0651 Hearthstone\0651-002 Hearthstone - Woodlawn East\Technical\Trend Analysis\Shallow Zone\2025\ProUCL\IW61\IW 61 Raw data.wst
Full Precision OFF
Confidence Coefficient 0.85
Level of Significance 0.15

VC

General Statistics

Number of Values 8
Minimum 3
Maximum 100
Mean 41.75
Geometric Mean 26.48
Median 29
Standard Deviation 35.07
SEM 12.4

Mann-Kendall Test

Test Value (S) 10
Tabulated p-value 0.138
Standard Deviation of S 8.083
Standardized Value of S 1.113
Approximate p-value 0.133

Statistically significant evidence of an increasing trend at the specified level of significance.

Mann-Kendall Trend Test Analysis

User Selected Options MW03
Date/Time of Computation 1/28/2026 7:19:18 PM
From File P:\0651 Hearthstone\0651-002 Hearthstone - Woodlawn East\Technical\Trend Analysis\Shallow Zone\2025\ProUCL\MW03\MW03 Raw data.wst
Full Precision OFF
Confidence Coefficient 0.85
Level of Significance 0.15

TCE

General Statistics

Number of Values 20
Minimum 0.1
Maximum 6.9
Mean 2.302
Geometric Mean 1.25
Median 0.94
Standard Deviation 2.139
SEM 0.478

Mann-Kendall Test

Test Value (S) 121
Tabulated p-value 0
Standard Deviation of S 30.73
Standardized Value of S 3.905
Approximate p-value 4.712E-05

Statistically significant evidence of an increasing trend at the specified level of significance.

Mann-Kendall Trend Test Analysis

User Selected Options MW03
Date/Time of Computation 1/28/2026 7:20:29 PM
From File P:\0651 Hearthstone\0651-002 Hearthstone - Woodlawn East\Technical\Trend Analysis\Shallow Zone\2025\ProUCL\MW03\MW03 Raw data.wst
Full Precision OFF
Confidence Coefficient 0.85
Level of Significance 0.15

VC

General Statistics

Number of Values 20
Minimum 0.4
Maximum 16
Mean 3.596
Geometric Mean 2.176
Median 1.85
Standard Deviation 4.23
SEM 0.946

Mann-Kendall Test

Test Value (S) -109
Tabulated p-value 0
Standard Deviation of S 30.77
Standardized Value of S -3.51
Approximate p-value 0.0002245

Statistically significant evidence of a decreasing trend at the specified level of significance.

Mann-Kendall Trend Test Analysis

User Selected Options MW05
Date/Time of Computation 1/28/2026 7:22:09 PM
From File P:\0651 Hearthstone\0651-002 Hearthstone - Woodlawn East\Technical\Trend Analysis\Shallow Zone\2025\ProUCL\MW05\MW05 Raw Data.wst
Full Precision OFF
Confidence Coefficient 0.85
Level of Significance 0.15

VC

General Statistics

Number of Values 19
Minimum 0.2
Maximum 92
Mean 27.78
Geometric Mean 8.757
Median 10
Standard Deviation 30.83
SEM 7.073

Mann-Kendall Test

Test Value (S) -72
Tabulated p-value 0.005
Standard Deviation of S 28.57
Standardized Value of S -2.485
Approximate p-value 0.00647

Statistically significant evidence of a decreasing
trend at the specified level of significance.

Mann-Kendall Trend Test Analysis

User Selected Options MW06
Date/Time of Computation 1/28/2026 7:23:39 PM
From File P:\0651 Hearthstone\0651-002 Hearthstone - Woodlawn East\Technical\Trend Analysis\Shallow Zone\2025\ProUCL\MW06\MW06 Raw data.wst
Full Precision OFF
Confidence Coefficient 0.85
Level of Significance 0.15

VC*

General Statistics

Number of Values 17
Minimum 10
Maximum 170
Mean 49
Geometric Mean 33.52
Median 26
Standard Deviation 48.81
SEM 11.84

Mann-Kendall Test

Test Value (S) -31
Tabulated p-value 0.118
Standard Deviation of S 24.26
Standardized Value of S -1.237
Approximate p-value 0.108

Statistically significant evidence of a decreasing
trend at the specified level of significance.

Mann-Kendall Trend Test Analysis

User Selected Options MW15
Date/Time of Computation 1/28/2026 7:25:37 PM
From File P:\0651 Hearthstone\0651-002 Hearthstone - Woodlawn East\Technical\Trend Analysis\Shallow Zone\2025\ProUCL\MW15\MW15 Raw data.wst
Full Precision OFF
Confidence Coefficient 0.85
Level of Significance 0.15

VC

General Statistics

Number of Values 20
Minimum 0.05
Maximum 1.6
Mean 0.249
Geometric Mean 0.158
Median 0.1
Standard Deviation 0.35
SEM 0.0783

Mann-Kendall Test

Test Value (S) 85
Tabulated p-value 0.003
Standard Deviation of S 27.14
Standardized Value of S 3.096
Approximate p-value 0.0009821

Statistically significant evidence of an increasing trend at the specified level of significance.

Mann-Kendall Trend Test Analysis

User Selected Options MW24
Date/Time of Computation 1/28/2026 7:27:16 PM
From File P:\0651 Hearthstone\0651-002 Hearthstone - Woodlawn East\Technical\Trend Analysis\Shallow Zone\2025\ProUCL\MW24\MW24 Raw data.wst
Full Precision OFF
Confidence Coefficient 0.85
Level of Significance 0.15

VC

General Statistics

Number of Values 17
Minimum 0.1
Maximum 2.5
Mean 0.715
Geometric Mean 0.469
Median 0.5
Standard Deviation 0.678
SEM 0.164

Mann-Kendall Test

Test Value (S) 91
Tabulated p-value 0
Standard Deviation of S 24.2
Standardized Value of S 3.719
Approximate p-value 0.0001

Statistically significant evidence of an increasing trend at the specified level of significance.

Mann-Kendall Trend Test Analysis

User Selected Options MW28
Date/Time of Computation 1/28/2026 7:29:12 PM
From File P:\0651 Hearthstone\0651-002 Hearthstone - Woodlawn East\Technical\Trend Analysis\Shallow Zone\2025\ProUCL\MW28\MW28 Raw data.wst
Full Precision OFF
Confidence Coefficient 0.85
Level of Significance 0.15

cis12DCE

General Statistics

Number of Values 17
Minimum 29
Maximum 710
Mean 146.2
Geometric Mean 100.3
Median 79
Standard Deviation 162.5
SEM 39.42

Mann-Kendall Test

Test Value (S) -83
Tabulated p-value 0
Standard Deviation of S 24.26
Standardized Value of S -3.381
Approximate p-value 0.0003616

**Statistically significant evidence of a decreasing
trend at the specified level of significance.**

Mann-Kendall Trend Test Analysis

User Selected Options MW28
Date/Time of Computation 1/28/2026 7:30:06 PM
From File P:\0651 Hearthstone\0651-002 Hearthstone - Woodlawn East\Technical\Trend Analysis\Shallow Zone\2025\ProUCL\MW28\MW28 Raw data.wst
Full Precision OFF
Confidence Coefficient 0.85
Level of Significance 0.15

VC

General Statistics

Number of Values 17
Minimum 2.3
Maximum 130
Mean 35.65
Geometric Mean 25.92
Median 28
Standard Deviation 30.09
SEM 7.299

Mann-Kendall Test

Test Value (S) -75
Tabulated p-value 0.001
Standard Deviation of S 24.2
Standardized Value of S -3.058
Approximate p-value 0.00111

Statistically significant evidence of a decreasing trend at the specified level of significance.