

ATLAS GEOSCIENCES NW

July 11, 2025 Project Number 02-0266-A

Ms. Kae Lee Oklee Development LLC 1624 Bellevue Way Southeast Bellevue, Washington 98004

klee@okleedevelopment.com

Subject: Supplemental Phase II Subsurface Investigation

Bellevue Way/Kevik Cleaners

1606 and 1614 Bellevue Way Southeast

Bellevue, Washington Cleanup Site ID: 2983 Facility Site ID: 2457

Dear Ms. Lee:

Atlas Geosciences NW, LLC (Atlas) is pleased to provide Oklee Development LLC (Client) with this report presenting the results of our Supplemental Phase II Subsurface Investigation (Phase II) at the Kevik Cleaners Property at 1606 and 1614 Bellevue Way Southeast in Bellevue, Washington (subject property). The purpose of this subsurface investigation was to further characterize the nature and extent of soil and groundwater contamination at the subject property and south-adjoining property. The subject property consists of two contiguous parcels totaling approximately 0.465 acres improved with two commercial buildings currently occupied by Chace's Pancake Corral, Enatai Dry Cleaners, Woodinville Shoe Repair, associated asphalt parking, and minor landscaping.

This Phase II was done in conjunction with a subsurface investigation at the south-adjoining Unocal 4384 property addressed 1624 Bellevue Way Southeast in Bellevue, Washington (Cleanup Site ID: 5107, Facility Site ID: 2458). The methods and findings discussed herein are focused on the release(s) associated with the operations of the former on-property dry cleaners businesses, and the portions of the investigation not associated with the these operations (e.g., the former off-property Unocal 4384 facility) are not discussed in this report. An expanded discussion of the results for the investigation at the south-adjoining Unocal 4384 property beyond the data presented in this report is presented under a separate cover.

The location of the subject property relative to the surrounding region is shown on Figure 1. Relevant subject property features are included on Figure 2.

1.0 BACKGROUND

The subject property was historically occupied by several previous dry cleaning businesses that operated between 1958 and 1983 (Kevik Cleaners, Penthouse Cleaners, Kwik Drive-In Cleaners). The former dry cleaners businesses operated within the southern building on the subject property.

In 1993, tetrachloroethene (PCE), a common drycleaning solvent, was identified in soil and groundwater at the south-adjoining Unocal 4384 property and the former dry cleaners at the subject property was suspected to be the source of the contamination. Subsequent subsurface investigations indicated that the shallow soils (upper two feet) under the asphalt west of the southern building at the subject property had been adversely affected by PCE. In addition, periodic groundwater sampling was conducted between February 1993 and April 1994 and again in 1997, with PCE-affected groundwater identified in multiple wells at the subject property. Three existing wells (GMW1 through GMW3), located west of the southern building at the subject property, were resampled in 2023 as part of an investigation, and soil and soil gas samples were also collected. The results indicated that soil, soil gas, and groundwater exhibiting significant PCE impacts remain at the subject property, the extent of which is currently unknown.

The locations of the previous borings and monitoring wells are shown in Figure 2.

Pursuant to Client request, Atlas performed this additional investigation to further evaluate the nature and extent of the apparent dry cleaning solvent release at the subject property and south-adjoining property and inform the future development of remedial alternatives and methods to manage and remediate contaminated soil, soil gas, and groundwater.

2.0 SUBSURFACE INVESTIGATION

For this subsurface investigation, Atlas completed soil borings and monitoring well installation with soil and groundwater sampling at the subject property and south-adjoining property. The purpose of this investigation was to further evaluate the extent of the previously identified PCE-affected soil and groundwater. Figure 2 shows the approximate locations of the soil borings, monitoring wells, and relevant subject property features.

2.1 Soil Borings and Monitoring Well Installations

Between November 18 and 22, 2024 and February 10, 2025, Atlas oversaw the advancement of 10 soil borings (GMW4 through GMW11, GMW13, and B11) throughout the subject property and south-adjoining property to a maximum depth of 65 feet bgs. Nine of the soil borings were completed as permanent monitoring wells (GMW4 through GMW11 and GMW13). The soil borings and monitoring wells were drilled using a sonic drilling rig. The locations of the soil borings and monitoring wells are shown on Figure 2.

During the drilling of the soil borings and monitoring wells, soil intervals were recovered for observations, screening, and sample collection as described in Section 2.1.1.

Monitoring well construction was completed in accordance with Chapter 173-160 Washington Administrative Code (WAC) Minimum Standards for Construction and Maintenance of Wells. Each monitoring well was constructed as follows:

- Ten feet of two-inch diameter, 0.010-inch machine slotted polyvinyl chloride (PVC) well screen was utilized, with a threaded bottom cap.
- A two-inch diameter, threaded, flush-joint PVC riser pipe was connected to the top of the well screen, extending to ground surface.
- Pre-sieved 10/20 grade silica sand was packed in the annular space around the well screen from the bottom of the boring to approximately one to two feet above the top of the well screen and overlain by hydrated bentonite chips to approximately one-foot bgs and finished with a concrete seal.
- A lockable j-plug capped the well, which was secured with a traffic-rated, ground surface-flush monument plate.

Monitoring well construction details are provided in the monitoring well logs included in Appendix A. The newly installed monitoring wells (GMW4 through GMW8, and GMW-13) and three existing monitoring wells (GMW1 through GMW3) were subsequently developed by pumping groundwater using a submersible pump and associated plastic tubing to remove sediment from the well and filter pack and ensure adequate hydraulic communication with the surrounding formation. At least ten well casing volumes of groundwater were removed during development of each well. Groundwater sampling was completed at the wells at least 48 hours after the wells were developed to allow well and formation conditions to equilibrate. The top of casing elevations were measured in the field with a self-leveling tripod unit and accompanying stadia rod. Groundwater sampling details are described in Sections 2.1.2 and 2.1.3.

2.1.1 Soil Sample Collection

Soil samples from the soil borings and monitoring wells were screened in the field with a portable photoionization detector with an 11.7 electron volt lamp to qualitatively assess for the presence of organic vapors and for general evidence of potential presence of contaminants by visual and incidental olfactory observation. Soil samples were placed in laboratory-prepared containers for analysis. Soil samples intended for analysis of volatile organic compounds (VOCs) were collected using the United States Environmental Protection Agency (USEPA) Method 5035A sampling method. Field screening observations are included on the boring logs in Appendix A and discussed in Section 3.2, below.

2.1.2 Groundwater Grab Sample Collection

On November 20, 2024, Atlas collected a groundwater grab sample from soil boring location B11, which was located south-adjoining the former dry cleaning operations. The groundwater sampling procedure consisted of inserting a temporary five-foot PVC well

screen at the bottom of the boring with a temporary PVC riser to the ground surface. Dedicated disposable plastic tubing and a submersible pump were used to withdraw water from the well screen. The pump was run for approximately 15 minutes to clear the majority of the turbidity from the water flow. The groundwater gab sample was collected into laboratory-prepared sample containers after the development period. The tubing was then removed and disposed of properly.

2.1.3 Groundwater Monitoring Well Sample Collection

On December 2 and 3, 2024, Atlas collected groundwater samples from monitoring wells GMW4 through GMW11, and GMW13. In addition, on February 13, 2025, Atlas collected groundwater samples from existing monitoring wells GMW1 and GMW3 and newly installed monitoring well GMW9. Atlas also attempted to collect a groundwater sample from GMW2; however, recoverable groundwater was not present in the monitoring well; therefore, a sample could not be collected. The wells were sampled using low-flow methods with the following procedures:

- The monitoring well plug was opened, and the static water level was allowed to equilibrate.
- The groundwater level in the well was measured using a water level indicator.
- Groundwater was purged using a dedicated plastic tube extending from the well to a bladder pump. Groundwater quality parameters including temperature, electrical conductivity (EC), pH, turbidity, dissolved oxygen (DO), and oxidation-reduction potential (ORP) were measured at regular intervals using a flow-through cell. Purging at the well was considered complete when three consecutive readings for temperature, EC, pH, turbidity, DO, and/or ORP were observed within the applicable, acceptable range for each parameter in accordance with the method, or when three times the volume of a given well had been purged. The groundwater parameters measured during purging, flow rates, and instrument calibrations were documented in the field.
- Following the purging activities, the dedicated tubing was disconnected from the flow-through cell while maintaining a constant flow rate and a groundwater sample was then collected into laboratory-prepared containers for laboratory analysis.

2.2 Sample Management and Analysis

Samples collected for chemical analysis were placed in appropriate sample containers supplied by the laboratory subcontracted by Atlas. Each container was labeled with the project number, subject property name, date, time, sample number, and sampling personnel. Sample containers were placed in a chilled cooler immediately after sampling, and subsequently transported to OnSite Environmental, Inc. (OnSite), of Redmond, Washington, an analytical laboratory accredited by the Washington State Department of Ecology, via courier following strict chain-of-custody procedures. Chain-of-custody documentation for the samples is included in the analytical laboratory reports in Appendix B.

OnSite completed each analysis for the soil and groundwater samples reported for this investigation. The discrete soil samples, exhibiting the highest or most suspect field indication of adverse impacts or corresponding to a targeted depth of interest, and groundwater grab and monitoring well samples were submitted for one or more of the contaminants of concern (COCs) using the following analyses:

- Gasoline-range total petroleum hydrocarbons (TPH) by Northwest Method NWTPH-Gx.
- Tetrachloroethene (PCE), trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene, 1,1-dichloroethene, and vinyl chloride by USEPA Method 8260D.

Additionally, one soil sample was submitted for the following analyses as a part of the investigation for the south-adjoining Unocal 4384 property although they are not considered COCs for the subject property:

- Diesel- and oil-range TPH by Northwest Method NWTPH-Dx.
- Benzene, toluene, ethylbenzene, and xylene (BTEX) by USEPA Method 8021B.
- Resource Conservation and Recovery Act (RCRA) metals (including arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver) using USEPA 6000 and 7000 series methods.

The soil and groundwater sample results are discussed in Sections 3.3.1 and 3.3.2, respectively.

3.0 SUBSURFACE INVESTIGATION RESULTS

3.1 Subsurface Conditions

Subsurface conditions at the subject property were inferred from observations made during the borings advanced at the subject property for this and previous investigations. Subsurface conditions generally consisted of loose to dense silty sand (SM) and sandy silt (ML) with varying amounts of gravel and intermittent sand lenses to the maximum depth explored of 65 feet bgs. The soil profile at the subject property is interpreted as glacial till overlying advance outwash deposits.

Depth to groundwater measured in the monitoring wells at the subject property and south-adjoining property ranges from about 30 to 42 feet bgs. Groundwater level measurements and calculated groundwater elevations are included in Table 3. Groundwater elevation contours developed from the groundwater elevation data are shown on Figure 3. Groundwater at the subject property generally flows from northeast to southwest based on interpretation of depth to groundwater and top of well casing elevations measured at each monitoring well. However, groundwater at the south-adjoining Unocal 4384 property generally flowed from east to west. Evidence of groundwater in the upper 30 feet of soil at the subject property or south-adjoining property was not observed during this most recent investigation drilling effort.

3.2 Field Screening Observations

For the soil borings where field screening was conducted, PID readings generally ranged from 0.0 to 12.2 volumetric parts per million (vppm), except for in GMW13. A sweet solvent odor and elevated PID readings were observed up to 2,000 vppm in boring GMW13 from depths of 20 to 40 feet bgs, which are attributed to the Kevik Cleaners (see discussion in Section 3.3.1 below). Sweet solvent odor was also observed in GMW4 between 25 and 26 feet bgs, GMW5 between 12 and 17 feet bgs, GMW6 between 35 and 38 feet bgs, and GMW7 between 11 and 15 feet bgs and between 23 and 24 feet bgs. Additionally, a slight petroleum odor was noted in boring GMW10 at 11 feet bgs, and a slight non-descript odor was also noted in the boring at a depth of 31.5 feet bgs.

Other suspect staining or odors were not observed in soil borings. PID readings and observations pertaining to staining and/or odors are noted on the boring and monitoring well logs included Appendix A.

3.3 Laboratory Analytical Results

The soil and groundwater analytical results are summarized in Table 1 and 2, respectively. The associated laboratory analytical reports are included in Appendix B and the analytical results are discussed in detail below.

3.3.1 Soil Analytical Results

COCs and RCRA metals were either not detected or were below the applicable Model Toxics Control Act (MTCA) Method A Soil Cleanup Level for Unrestricted Land Uses in the soil samples collected from the subject property, except for soil sample GMW13-22. Gasoline-range TPH was detected at 3,400 milligrams per kilogram (mg/kg) in soil sample GMW13-22, above the MTCA cleanup level. Based on the review of the chromatograms, the laboratory analyst stated that this product appears to mineral spirits rather than gasoline. Soil sample GMW13-22 was collected from soil boring GMW13 at 22 feet bgs. Soil boring location GMW13 is located southeast of the southern building on the subject property and former dry cleaning operations. The extent soil adversely affected by gasoline-range TPH as mineral spirits in the vicinity of GMW13 has not yet been defined.

3.3.2 Groundwater Analytical Results

PCE was detected in the groundwater samples above laboratory reporting limits except for groundwater sample GMW9. Groundwater samples GMW1, GMW4 and GMW11 had PCE detection ranging from 0.21 to 2.7 micrograms per liter (μ g/L), below the MTCA Method A Cleanup Level for groundwater of 5 μ g/L. Detections of PCE ranged from 19 to 580 μ g/L in the remaining groundwater samples, each of which is greater than the MTCA Method A cleanup level.

The highest concentration of PCE in groundwater was detected in the vicinity of the reported PCE impacted shallow soils under the asphalt west of the former dry cleaning operations at the subject property. Lower PCE concentrations are present in groundwater to the north, northwest, and south of this area. PCE concentrations in groundwater decrease to the south across the south-adjoining property and are bound at the southern portion of that property. PCE impacted groundwater does not appear to

flow beyond wells GMW11 and GMW9 or beneath the south-adjoining Chevron Food Mart property. In addition, PCE concentrations in groundwater decrease to the northwest and are bound in that direction since the groundwater in well GMW4 was compliant with MTCA. The extent of PCE in groundwater at concentrations greater than the MTCA groundwater cleanup level has not yet been determined in the other areas. The PCE-affected groundwater plume is illustrated in Figure 4. The PCE concentration in well GMW-1 appeared to be anomalous and was excluded from the PCE contour development on the figure.

The common PCE degradation product TCE was detected in one groundwater sample, GMW8. The concentration of this compounds detected in groundwater from monitoring well GMW8 was 1.2 μ g/L, below the MTCA Method A groundwater cleanup level of 5 μ g/L. Other PCE breakdown products were not detected above laboratory reporting limits.

Gasoline-, diesel-, and oil-range TPH were either not detected or were below the MTCA Method A groundwater cleanup level in the groundwater grab sample and monitoring well groundwater samples collected from the subject property. Furthermore, gasoline-range TPH detections in groundwater samples GMW10 and B11 were below groundwater cleanup levels and were flagged "Z". The flagged "Z" by the laboratory chemist indicates the "gasoline result is attributed to a single peak (Tetrachloroethene)". Therefore, the elevated gasoline-range TPH is overlap from the PCE detected in these groundwater samples.

3.3.3 Development Considerations

Aside from compliance with the cleanup regulations, soils that will be excavated during redevelopment activities are considered to be a solid waste. Therefore, waste disposal regulations would apply to these soils, to a certain extent, as discussed below. Soils that will be left in place and not excavated during future earthwork activities are not considered to be a solid waste and the discussion below would not apply. Soils that will be left in place need only comply with the MTCA cleanup regulations discussed above.

Petroleum-Contaminated Soils

In addition to comparison of the soil analytical results to the applicable MTCA Method A soil cleanup levels discussed above, Atlas compared the results to the soil re-use criteria included in Table 12.1 "Guidelines for Reuse of Petroleum-Contaminated Soil" published in Ecology's Guidance for Remediation of Petroleum Contaminated Sites (2016). As mentioned above, the re-use criteria apply only if the soils are excavated from the subject property. If the soils in the areas discussed below are not anticipated to be excavated as part of the planned redevelopment activities, the re-use criteria are irrelevant and do not apply.

Although the residual diesel-range TPH detected in soils collected from GMW10 at a depth of 11 feet bgs (49 mg/kg) is in compliance with the MTCA Method A cleanup level, the concentration classifies the soil as Category 2, which have the following re-use criteria:

- Backfill at cleanup sites above the water table.
- Fill in commercial or industrial areas above the water table.
- Road and bridge embankment construction in areas above the water table.
- Use as pavement base material under public and private paved streets and roads.
- Use as pavement base material under commercial and industrial parking lots.
- Use in the manufacture of asphalt.
- Use as daily cover in a lined municipal solid waste or limited purpose landfill provided this is allowed under the landfill operating permit.

Boring GMW10 is located in the central portion of the subject property parcel, on the northeastern portion of the former gas station facility. Adversely-affected soils in this area appear to be present in a thin lens measuring roughly 1 to 2 feet in thickness (i.e., extending from approximately 11 to 12 or 13 feet bgs).

In addition, soils encountered at a depth of 22 feet bgs from boring GMW13 exhibited gasoline- and diesel-range TPH concentrations (3,400 and 540 mg/kg, respectively) that classify as Category 4, which have the following re-use criteria:

- Use in the manufacture of asphalt.
- Use as daily cover in a lined municipal solid waste or limited purpose landfill provided this is allowed under the landfill operating permit.

The shallower soils in boring GMW13, collected from a depth of 5 feet bgs, classified as Category 1 (special handling not required), so special handling would not likely be required for all soils in this location. A review of the boring log suggests that soils impacted to an extent above Category 1 may be present at depths between 20 and 35 feet bgs. GMW13 is located on the northeastern portion of the subject property parcel, approximately 60 feet north of the former gas station facility.

PCE-Contaminated Soils

Atlas also compared the soil analytical results to the dangerous waste criteria outlined in WAC 173-303 in order to evaluate the PCE-affected soils. Spent PCE generated during dry cleaning operations is considered a "listed" waste, meaning that simply due to the process that generated the waste (i.e., dry cleaning) it is considered dangerous, with codes of F001 and/or F002. Listed wastes may be considered dangerous if they are detected at any concentration (i.e., there is no threshold concentration below which the PCE-affected soils would not be considered dangerous). These soils require disposal at a landfill and may not be otherwise be re-used.

However, Ecology provides a mechanism with which an exemption can be obtained regarding disposal of the waste (a "contained in" exemption). This exemption would allow disposal of the soil at a non-hazardous waste landfill, which is considerably less expensive than a hazardous waste landfill. Based on the PCE concentrations detected in the soils at the subject property, it is likely that the PCE-affected soils that were encountered during this investigation would receive this exemption. The process to obtain this exemption requires regulatory negotiations, and Ecology may request

additional data to support the exemption. Soils on the subject property that are, or may be, affected by this include:

- Soils on the northern portion of the subject property, in the vicinity of soil borings GMW-4 and GMW-6. The impacted soil in GMW-4 was encountered at a depth of 25 feet bgs and may be confined to approximately one foot in thickness. The impacted soil at GMW-6 was encountered at depths of approximately 35 to 38 feet bgs.
- Soils in the vicinity of the on-property stormwater catch basin (vicinity of soil boring GMW-7) were adversely affected at depths of 7 and 22 feet bgs. The affected soils in this location may be present in lenses extending from the surface to approximately 40 feet bgs.
- Soils on the west-central portion of the subject property (vicinity of soil boring GMW-5) were adversely affected at depths of 6 and 30 feet bgs. The affected soils in this location may be present in lenses extending from 6 to approximately 39 feet bgs.
- Soils on the northwestern portion of the subject property parcel (vicinity of soil boring GMW8) at a depth of one foot. The affected soils in this location may be present in lenses to a depth of 21 feet bgs.
- Soils on the central portion of the subject property parcel (vicinity of soil boring GMW10) at depths of greater than 39 feet bgs.
- Soils on the south-central portion of the subject property parcel (vicinity of soil boring GMW11) at depths greater than 22 feet bgs.
- Soils on the north-central portion of the subject property parcel ((vicinity of soil boring B11) at any depth.

Additional adversely-affected soils for which these solid waste considerations may apply could be encountered in other locations across the subject property (e.g., immediately west of the dry cleaners building). Additional investigation would be necessary to evaluate those areas with regard to the soil re-use and dangerous waste criteria.

3.3 Quality Assurance/Quality Control (QA/QC) Results

The analytical results for the current investigation were checked for completeness immediately upon receipt from the laboratory to ensure that data and QA/QC information requested were present. Data quality was assessed by considering hold times, surrogate recovery, method blanks, matrix spike and matrix spike duplicate (MS/MSD) recovery, and detection limits. Our evaluation assumes that the QA/QC is correct as reported by the laboratory, and merely provides an interpretation of the QA/QC results.

<u>Hold Times</u>. All analyses were completed within specified hold times, except for the gasoline-range TPH analysis for groundwater grab sample B11, which was analyzed four days after the method holding time had expired. However, the sample was received by the laboratory within 36 hours of the time of its collection and maintained in laboratory-

controlled conditions until the time it was analyzed. Therefore, Atlas considers this sample result to be valid for the purposes of this data gap investigation.

<u>Surrogate Recoveries</u>. Surrogate recoveries for each sample were within laboratory limits.

<u>Method Blanks.</u> Analytes were not detected in the laboratory method blanks associated with the sample set.

MS/MSD Results. MS and MSD recoveries were each within laboratory limits, and relative percent differences (RPDs) between MS and MSD recoveries were each within laboratory limits.

<u>Spike Blank/Spike Blank Duplicate</u>. The percent recovery for diesel- and oil-range TPH for the duplicate RPD for soil sample B11-8 was outside the control limits. However, the individual percent recoveries were within control limits. Due to the large number of analytes being spiked, the method allows for a percentage of the compounds to fall outside of the control limits. It is our opinion that these results are appropriate for use for the purposes of this report.

<u>Laboratory Reporting Limits</u>. Reporting limits for the soil and groundwater petroleum and metals analytical results were below relevant MTCA cleanup levels, except for PCE and TCE in soil sample GMW13-22 due to laboratory dilution. The reporting limit for PCE and TCE in soil sample GMW13-22 was 0.056 mg/kg. The sample was collected over 60 feet north (cross-gradient) of the former gasoline station operations. As discussed above, this sample is representative of the off-property dry cleaning operations rather than those associated with the former gasoline station. Therefore, the elevated detection limits in this sample do not affect the findings associated with subject property.

Based upon our interpretation of quality control information provided by the laboratory, it is our opinion that the overall dataset is acceptable and appropriate for the purposes of this investigation.

4.0 SUBJECT PROPERTY RESTORATION

Permanent monitoring wells were installed at the subject property as described in Section 2.1. The other soil borings were abandoned with a bentonite seal in accordance with Washington State Department of Ecology guidelines and the surficial area at the borehole was patched to approximate the surrounding surface.

5.0 WASTE MANAGEMENT

Soil cuttings, purge water, and equipment cleaning water generated during the field activities were placed into Department of Transportation (DOT)-approved, 55-gallon steel drums, which were left on-property for subsequent characterization and disposal. Disposal of drummed material is not included in this scope of work. Atlas will contact the client regarding drum disposal options.

6.0 CONCLUSIONS AND RECOMMENDATIONS

This Supplemental Phase II Subsurface Investigation was conducted to further evaluate the nature and extent of the release on the subject property and south-adjoining property in an attempt to inform future development of remedial alternatives to clean up contaminated soil and groundwater. Based on the findings of this investigation, Atlas concludes the following:

- The only contaminant of concern associated with the Kevik Cleaners release detected above its applicable MTCA Method A cleanup level for soil was gasoline-range TPH, which was detected as mineral spirits at a depth of 22 feet bgs from well location GMW13. Based on its characterization as mineral spirits, it is likely that the source of the release in this area is the former dry cleaning operations.
- PCE-affected groundwater was identified across much of the subject property and has been defined to the northwest and to the south. The source of the PCE appears to be the former on-property dry cleaning operations. The plume appears to extend to the west into the Bellevue Way SE right-of-way. The extent to the east could not be determined; a ridge is present east of the cleaners building, which made the area inaccessible for this investigation.

Atlas recommends further subsurface investigation across the subject property. In particular, in the vicinity of GMW13, where non-compliant gasoline-range TPH (mineral spirits) was identified, to determine its lateral and vertical extent in soil in this area. Additionally, the reported shallow PCE-affected soils west of the southern building should be further characterized. Finally, further environmental investigation is recommended to fully define the lateral extent of the PCE groundwater plume and further inform remedial options for the subject property.

It should be noted that well construction information is not available for the previously existing wells GMW-1 through GMW-3, which creates uncertainty regarding the data obtained from those wells. However, the data does still potentially have some value. Atlas recommends aggressive redevelopment of these wells (e.g., using a water jet) in order to enable sampling of GMW-2 and to ensure that the wells are communicating with the surrounding formation and are yielding representative results.

7.0 LIMITATIONS AND EXCEPTIONS

This subsurface investigation is intended to reduce, but not eliminate, uncertainty regarding the potential for adversely affected media in connection with the subject property. In addition, performance of this subsurface investigation does not eliminate uncertainty regarding subject property hazards not covered by the scope of work or the potential for future identification of adversely affected media at the subject property.

The findings, conclusions, and/or recommendations of this subsurface investigation are based strictly on information available, and conditions observed, at the time of this assessment. Subsequent changes to subject property conditions, such as subject

property redevelopment or changes to ground cover, or changes in applicable regulatory requirements have the potential to materially affect the conclusions and/or recommendations of this report. If any such changes are apparent, the Client should contact Atlas about reevaluating the findings of this investigation to incorporate the new information. The conclusions and/or recommendations are not to be construed as legal interpretation or advice. No warranties, express or implied, are intended or made herein.

8.0 **CLOSURE**

This report was prepared for the exclusive use of the Client, and its agents for specific application to the subject property and is subject to the agreed-upon terms and conditions included in our proposal for this scope of work. Atlas personnel performed this assessment in accordance with generally accepted standards of care that existed in the State of Washington at the time of this study. Our findings and conclusions have been prepared in accordance with generally accepted professional practice in the area at this time. We make no other warranty, either express or implied.

We appreciate this opportunity to provide these services. Please do not hesitate to call if you have any questions.

Sincerely,

ATLAS GEOSCIENCES NW

Hydrogeologist 2494 ensed Geo Elizabeth Ann Rachman

Elizabeth Rachman, LG, LHG Principal Hydrogeologist

Attachments:

Figure 1:

Subject Property Vicinity

Figure 2:

Figure 3:

Subject Property Plan

Groundwater Elevations Map - December 2024

Figure 4:

PCE Concentration in Groundwater

Table 1:

Soil Sample Analytical Results

Table 2:

Groundwater Sample Analytical Results

Appendix A:

Boring and Monitoring Well Logs

Appendix B:

Laboratory Analytical Reports and Sample Chain-of-

Custody Forms



FIGURES



BASEMAP TAKEN FROM THE MERCER ISLAND QUADRANGLE, WASHINGTON- KING COUNTY 7.5-MINUTE SERIES, 2023



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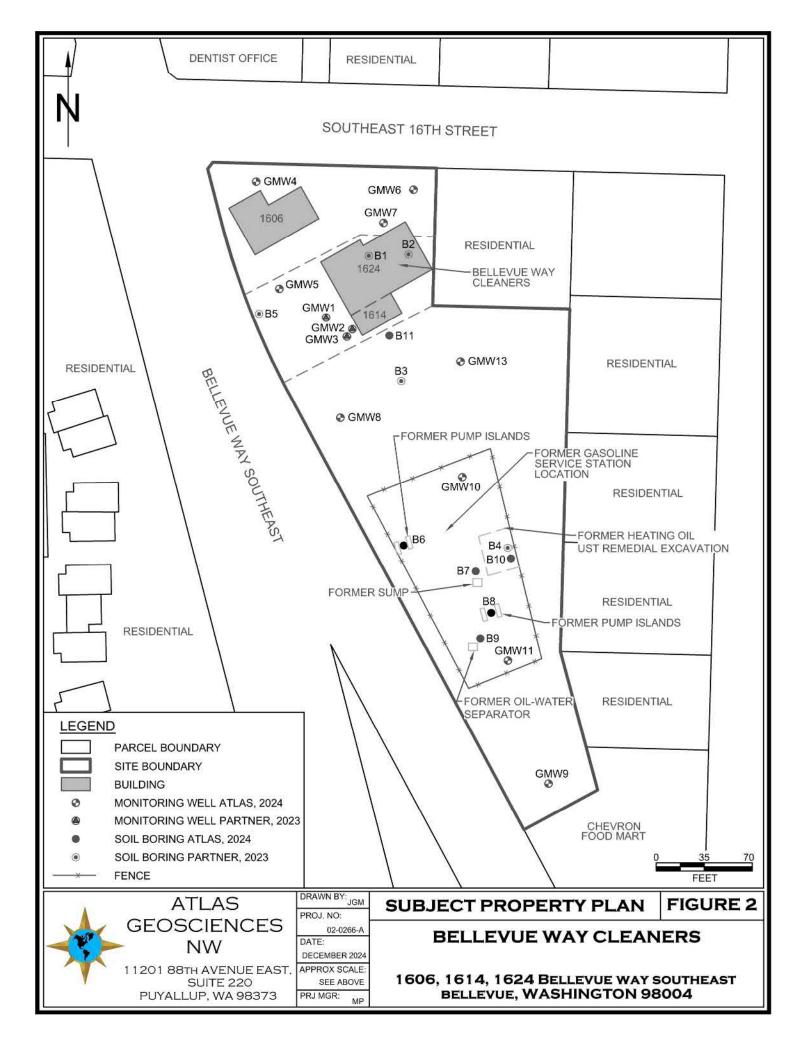
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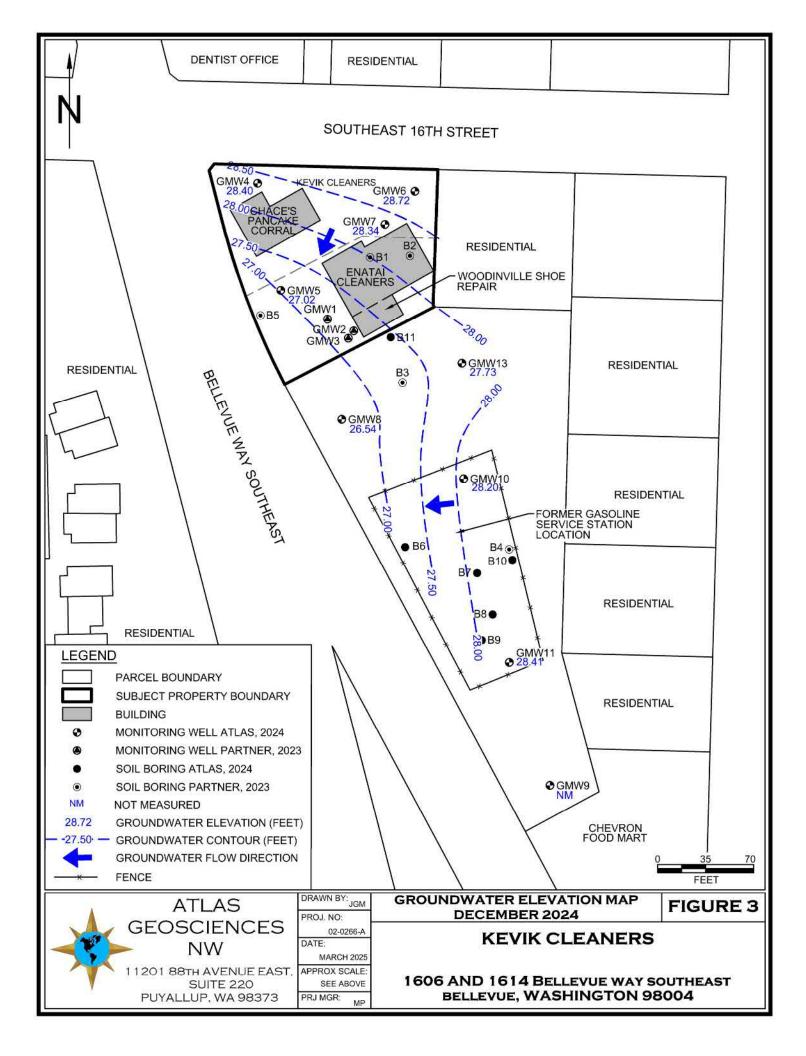
| | DRAWN BY: RAM |
|---|------------------|
| | PROJ. NO: |
| • | 02-0266-A |
| | DATE: |
| | MARCH 2025 |
| | APPROX SCALE: |
| | 1:24,000 |
| | PRJ MGR: MEP |

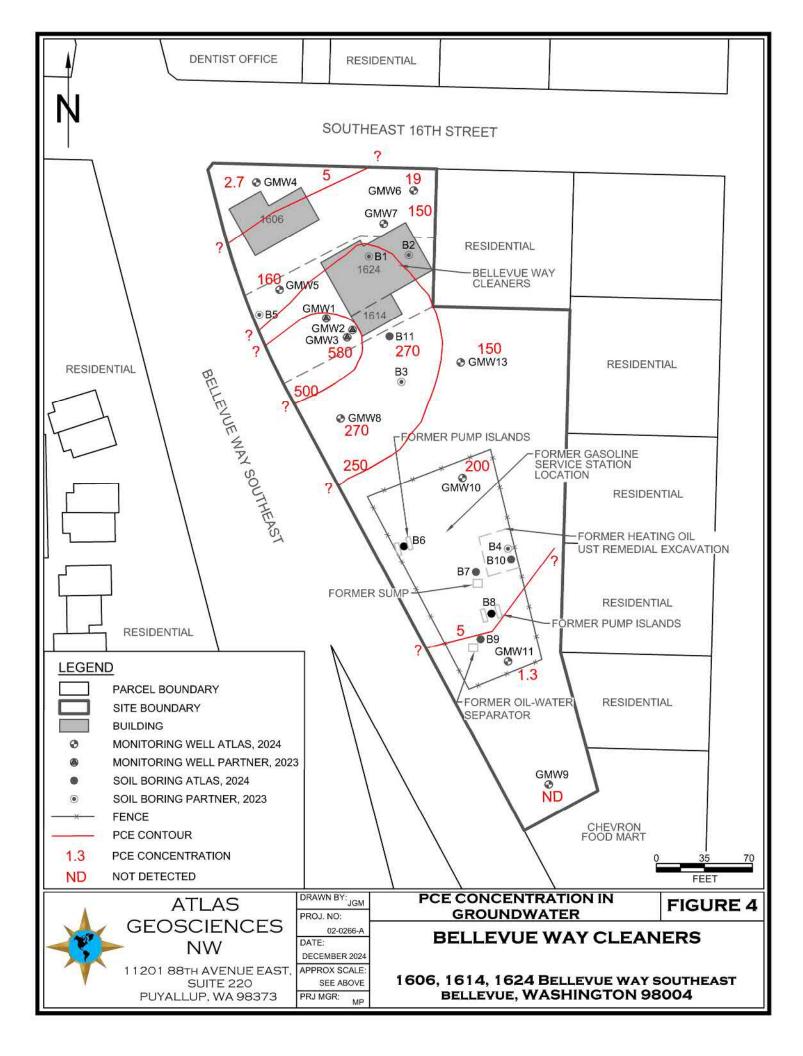
SUBJECT PROPERTY VICINITY

FIGURE 1

KEVIK CLEANERS 1606 AND 1614 BELLEVUE WAY SOUTHEAST BELLEVUE, WASHINGTON









TABLES

TABLE 1

Soil Sample Analytical Results
Kevik Cleaners
1606 and 1614 Bellevue Way Southeast
Bellevue, Washington
Project Number 02-0266-A

| Sample S | | Petroleum Hydrocarbons | | | | arbons | | | | | Volatile | Organic Cor | npounds | | | | | | | Total Me | etals | | | | |
|---|------------|------------------------|---------------------------|-------|---------------------|--------|-------|---------|--------------|---------|----------|-------------|--------------|------------------|---------------------|-----------|----------------|---------|--------|----------|-----------------------|------|---------|----------|--------|
| Marchand And B-801 Compute Length 19 1,500 1 20 15,000 2 2,000 20 2 400 | | • | Sample Date | | Gasoline | Diesel | Oil | Benzene | Ethylbenzene | Toluene | Xylenes | | | , | | | Vinyl Chloride | Arsenic | Barium | Cadmium | Chromium ⁴ | Lead | Mercury | Selenium | Silver |
| Common | | | l | l | | | | | | | l | Co | ncentrations | reported in mill | igrams per kilogram | n | - I | | | l | - I | ı | | | |
| GMMS | MTCA Metho | d A or B Soil C | leanup Level ² | | 30/100 ³ | 2,000 | 2,000 | 0.03 | 6 | 7 | 9 | 0.05 | 0.03 | 480 | 160 | 1,600 | 1 | 20 | 16,000 | 2 | 2,000 | 250 | 2 | 400 | 400 |
| CMW | CNAVA 4 | GMW4-25 | 11/18/2024 | 25 | | | | | | | | 0.0022 | < 0.0011 | < 0.0011 | <0.0011 | <0.0011 | < 0.0011 | | | | | | | | |
| March Marc | GIVIVV4 | GMW4-50 | 11/18/2024 | 50 | | | | | | | | < 0.00094 | <0.00094 | < 0.00094 | <0.00094 | < 0.00094 | < 0.00094 | | | | | | | | |
| May | | GMW5-6 | 11/18/2024 | 6 | | | | | | | | 0.013 | <0.0011 | <0.0011 | <0.0011 | <0.0011 | <0.0011 | | | | | | | | |
| CMMP | GMW5 | GMW5-30 | 11/18/2024 | 30 | | | | | | | | 0.031 | < 0.0012 | <0.0012 | <0.0012 | <0.0012 | <0.0012 | | | | | | | | |
| SWM-96 11/19/2024 7 45 52 44 1 1 1 1 1 1 1 1 | | GMW5-50 | 11/18/2024 | 50 | | | | | | | | <0.0012 | < 0.0012 | < 0.0012 | <0.0012 | <0.0012 | <0.0012 | | | | | | | | |
| GMVP-75 (1192024 7 45) 45 27 45 40 | GMW6 | | | 35 | | | | | | | | 0.0029 | < 0.0011 | <0.0011 | <0.0011 | <0.0011 | <0.0011 | | | | | | | | |
| CAMINA 1179/2006 22 1 1 1 1 1 1 1 1 | G | | _ | 55 | | | | | | | | | | | | | | | | | | | | | |
| SMW-19 1198/2024 10 10 10 10 10 10 10 1 | | | + | - | <5.5 | <27 | <54 | | | | | | | | | | | | | | | | | | |
| GMW9 GMW9-22 11202024 2 | GMW7 | | _ | | 1 | | | | | | | | | | | | | | | | | | | | |
| GAMP-82 11/20/2024 22 | | | | 50 | | | | | | | | | | | | | | | | | | | | | |
| GMW9-60 11/20/2024 5 28 - 428 - 458 | | | | 1 | ł | | | | | | | | | | | | _ | | | + | + | 1 | | | |
| GMW10 GMW10-11 11212024 11 40 5 49 455 - | GMW8 | | | | ł | | | | | | | | | | | | | | | | | | | | |
| GMW1011 11/21/2024 40 | 014140 | | | | | | | | | | | | | | | | | | | | | | | | |
| GMW10-40 11/21/2024 40 | GMW9 | | | | | | | | | | | | + | | | | | | | | | | | | |
| GMW11-55 11/21/2024 55 | CNAVAGO | | _ | | 1 | | | | | | | | | | | | | | | + | + | | | | |
| GMW11-22 11/21/2024 22 | GIVIVV 10 | | | | | | | | | | | | | | | | | | | | | + | | | |
| GMW11-55 11/21/2024 55 55 55 55 55 55 55 | | | | | | | | | | | | | | | | | | | | | + | | | | |
| GMW13-5 11/22/2024 5 5.5 5 | GMW11 | | | | ł | | | | | | | | | | | | | | | | | | | | |
| GMW13-22 11/2/2024 22 3,400 540 | | | + | | ! | | | | | | | 1 | | | | 1 | + | 1 | | | 1 | | | | |
| GMW13-65 11/22/2024 65 | GMW13 | | | - | | | | | | | | + | | | | 1 | + | | | | | | | | |
| B6-9-10 11/18/2024 9-10 <5.8 <27 <54 <0.020 <0.063 <0.068 <0.016 | G | | | | | | | | | | | | | | | | _ | | | | | | | | |
| B6 B6-9-10 11/18/2024 9-10 <5.8 <27 <54 <0.020 <0.058 <0.058 <0.0116 | | | | | <6.3 | <30 | <60 | <0.020 | < 0.063 | < 0.063 | | + | | | † | | | | | | | | | | |
| $\begin{array}{ c c c c c c c c c c c c c c c c c c c$ | В6 | B6-9-10 | _ | 9-10 | <5.8 | <27 | <54 | <0.020 | <0.058 | <0.058 | < 0.116 | | | | | | | | | | | | | | |
| B8-10-11 11/18/2024 10-11 < 5.7 < <0.020 < 0.057 < 0.057 < 0.014 | В7 | B7-5-6 | 11/18/2024 | 5-6 | | | | | | | | | | | | | | <11 | 26 | <0.54 | 16 | <5.4 | <0.27 | <11 | <1.1 |
| B8-10-11 11/18/2024 10-11 <5.7 < < < < < < <- <- <- <- | | B8-4-5 | 11/18/2024 | 4-5 | <5.5 | | | <0.020 | < 0.055 | < 0.055 | <0.110 | | | | | | | | | | | | | | |
| B10-31 11/22/2024 31 <-26 <-53 < < < < <- | В8 | B8-10-11 | 11/18/2024 | 10-11 | <5.7 | | | <0.020 | < 0.057 | < 0.057 | < 0.114 | | | | | | | | | | | | | | |
| B10-35 11/22/2024 35 < 28 <57 | В9 | B9-5-6 | 11/18/2024 | 5-6 | < 5.4 | | | <0.020 | < 0.054 | < 0.054 | <0.108 | | | | | | | | | | | | | | |
| B10-35 | P10 | B10-31 | 11/22/2024 | 31 | | <26 | <53 | | | | | < 0.0010 | < 0.0010 | <0.0010 | <0.0010 | < 0.0010 | < 0.0010 | | | | | | | | |
| B11 B11-25 11/20/2024 25 | БІО | B10-35 | 11/22/2024 | 35 | | <28 | <57 | | | | | | | | | | | | | | | | | | |
| | | B11-8 | 11/20/2024 | 8 | <5.1 | <27 | <54 | | | | | 0.0017 | < 0.00095 | < 0.00095 | <0.00095 | <0.00095 | <0.00095 | | | | | | | | |
| B11-55 11/20/2024 55 | B11 | B11-25 | 11/20/2024 | 25 | | | | | | | | 0.0023 | <0.00068 | <0.00068 | <0.00068 | <0.00068 | <0.00068 | | | | | | | | |
| | | B11-55 | 11/20/2024 | 55 | | | | | | | | <0.0012 | < 0.0012 | <0.0012 | <0.0012 | <0.0012 | <0.0012 | | | | | | | | |

Notes:

Only detected and target analytes are included in this table. Refer to laboratory analytical reports for full list of analytes and analytical methods.

¹For analytes without positive detections, a value of one-half of the practical quantitation limit indicated is assigned for that analyte when calculating the sum of diesel and oil-range petroleum hydrocarbons.

³The higher cleanup level applies to sites with no detectable benzene and total ethylbenzene, toluene, and xylenes concentration is less than 1% of the gasoline mixture.

⁴Cleanup level for trivalent chromium used. Hexavalent chromium is not suspected on the site.

bgs Below ground surface

MTCA Model Toxics Control Act

<5.7 The analyte was not detected in the sample at a concentration greater than the indicated reporting limit.

Bold value indicates concentration of analyte detected in the sample.

510 Indicates analyte detected at a concentration greater than the specified cleanup level.

--- Not analyzed

²MTCA Standard Method A Soil Cleanup Levels for Unrestricted Land Uses, Chapter 173-340 Washington Administrative Code, Table 740-1, or, where no Method A value is available, the most conservative Method B value for direct contact based on MTCA Chapter 173-340-740 Equations 740-1 or 740-2.

Table 2

Groundwater Sample Analytical Results
Kevik Cleaners
1606 and 1614 Bellevue Way Southeast
Bellevue, Washington
Project Number 02-0266-A

| | | | Petrol | eum Hydroca | rbons | | | Volatile Organ | ic Compounds | | |
|-----------------------------------|----------------------|-------------------|------------------------|-------------|-------|------------------------|----------------------|------------------------------|--------------------------------|-------------------|--------------------------------|
| Boring Location | Sample Designator | Sample Date | Gasoline | Diesel | Oil | Tetrachloro- ethene | Trichloro- ethene | (cis) 1,2- Dichloroethene | (trans) 1,2- Dichloroethene | Vinyl Chloride | 1,1,2- Trichloro- ethane |
| Concentrations | s reported in mi | crograms per lite | er | | | | | | | | |
| MTCA Method Level ² | A or B Groundw | vater Cleanup | 800/1,000 ³ | 500 | 500 | 5 | 5 | 16 | 160 | 0.2 | 32 |
| GMW1 | GMW1 | 2/13/2025 | <100 | <210 | <210 | 0.21 | < 0.20 | < 0.20 | < 0.20 | < 0.20 | <0.20 |
| GMW3 | GMW3 | 2/13/2025 | <550 Z | <210 | <210 | 580 | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 |
| GMW4 | GMW4 | 12/2/2024 | | | | 2.7 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| GMW5 | GMW5 | 12/3/2024 | | | | 160 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| GMW6 | GMW6 | 12/2/2024 | | | | 19 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| GMW7 | GMW7 | 12/3/2024 | | | | 150 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| GMW8 | GMW8 | 12/3/2024 | | | | 270 | 1.2 | <1.0 | <1.0 | <1.0 | <1.0 |
| GMW9 | GMW9 | 2/13/2025 | <100 | <210 | <210 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| GMW10 | GMW10 | 12/2/2024 | 200 Z | <220 | <220 | 200 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| GMW11 | GMW11 | 12/2/2024 | <100 | <220 | <220 | 1.3 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| GMW13 | GMW13 | 12/4/2024 | 510 | <200 | <200 | 150 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| B11 | B11 | 11/21/2024 | 280 Z | | | 270 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |

Notes:

Only detected and target analytes are included in this table. Refer to laboratory analytical reports for full list of analytes and analytical methods.

MTCA Model Toxics Control Act.

Z The gasoline result is attributed to a single peak (Tetrachloroethene).

<1.0 The analyte was not detected in the sample at a concentration greater than the indicated method reporting limit.

200 Bold value indicates concentration of analyte detected in sample.

1,100 Indicated analyte detected at a concentration greater than the specified cleanup level.

--- Not analyzed.

¹For analytes without positive detections, a value of one-half of the practical quantitation limit indicated is assigned for that analyte when calculating the sum of diesel and oil-range petroleum

²MTCA Method A Cleanup Level for Groundwater, Chapter 173-340 Washington Administrative Code, Table 720-1, or, where no Method A value is available, the most conservative Method B value for

³The higher cleanup level applies to sites with no detectable benzene.

Table 3

Groundwater Elevation Measurements and Well Construction Data Kevik Cleaners 1606 and 1614 Bellevue Way Southeast Bellevue, Washington Project Number 02-0266-A

| Location | Well Installation Date | Elevation of Top of Well Casing (feet) | Depth to Top of Screen (feet) | Depth to Bottom of Screen (feet) | Well Diameter (inches) | Date Measured | Depth to Water (feet) | Groundwater Elevation (feet) |
|----------|------------------------------|--|----------------------------------|--|---------------------------|------------------|--------------------------|---------------------------------|
| GMW4 | 11/18/2024 | 69.90 | 36.0 | 46.0 | 2 | 12/2/2024 | 41.50 | 28.40 |
| GMW5 | 11/18/2024 | 67.52 | 37.0 | 47.0 | 2 | 12/2/2024 | 40.50 | 27.02 |
| GMW6 | 11/19/2024 | 70.72 | 39.0 | 49.0 | 2 | 12/2/2024 | 42.00 | 28.72 |
| GMW7 | 11/19/2024 | 69.34 | 38.0 | 48.0 | 2 | 12/2/2024 | 41.00 | 28.34 |
| GMW8 | 11/20/2024 | 63.54 | 34.5 | 44.5 | 2 | 12/2/2024 | 37.00 | 26.54 |
| GMW9 | 2/10/2025 | Not Measured | 27.0 | 37.0 | 2 | N/A | 31.00 | N/A |
| GMW10 | 11/21/2024 | 63.20 | 31.0 | 41.0 | 2 | 12/2/2024 | 35.00 | 28.20 |
| GMW11 | 11/21/2024 | 58.41 | 27.0 | 37.0 | 2 | 12/2/2024 | 30.00 | 28.41 |
| GMW13 | 11/22/2024 | 64.73 | 34.0 | 44.0 | 2 | 12/2/2024 | 37.00 | 27.73 |

Notes:

Well elevations measured relative to site specific datum set at the man hole at the center of the property, which was determined to be approximately 67.00 feet above mean sea level based on data from Google Earth.

All measurements are in feet.

N/A Not Applicable.



APPENDIX A Expl oration Logs

BORING AND WELL LOG LEGEND

Lithology Key

Well Construction

Concrete

Solid riser

Bentonite

Soil

Bentonite-Cement Grout

| Ŋ, | | 1200 | |
|----|---|------|---|
|) | • | O | • |
| ٠ | 0 | ٠ | 0 |
| 0 | | 0 | |

GW

GRAVEL, well graded: gravel-sand mixtures, little or no fines.



GΡ

GRAVEL, poorly graded: gravel-sand mixtures, little or no



GM

SILTY GRAVEL: gravel-sand-silt

mixtures.



GC

CLAYEY GRAVEL:

gravel-sand-clay mixtures.



SW

SAND, well graded: sand-gravel

mix, little or no fines.



SP

SAND, poorly graded: sand-gravel

mix, little or no fines.



SM

SILTY SAND: sand-gravel-silt mixtures.



Filter pack



End cap

Screen



CLAYEY SAND: sand-gravel-clay mixtures.



ML or MH

INORGANIC SILTS: inorganic silts with very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity (ML) or inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts (MH).



CL or CH

INORGANIC CLAY: with low to medium (CL) to high (CL) plasticity.



OL or OH

ORGANIC SILT/CLAY: with low (OL) to medium-high (OH) plasticity.



PT

Peat and other highly organic silts.



Pav

Pavement: Concrete, asphalt, paving stones, etc.

Field Measurements:

PID

Photoionization Detector.



Depth to water during drilling.



Depth to water after drilling.

vppm Volumetric Parts per Million.

NOTE: The line separating strata on the logs represents approximate boundaries only. The actual transition may be gradual. No warranty is provided as to the continuity of the strata between exploration locations. Logs represent the soil section observed at the exploration location on the date of exploration only.





PROJECT NAME: DRILLING DATE: PROJECT NUMBER: **Bellevue Way Cleaners** 02-0266-A 11/18/2024 BORING DIAMETER: DRILLING CONTRACTOR: WEATHER: **AEC** 6" Rainy DRILLING METHOD: TOTAL DEPTH: DEPTH TO WATER: 50' **Sonic** 41.5' LOCATION: LOGGED BY: Bellevue, Washington

BQ

BORING/WELL ID:

GMW4

| Depth (feet) | USCS Soil Type/Graphic | Description | Interval and % Recovery | PID (vppm) | Sample ID | We | ell Construction |
|----------------|---------------------------|--|----------------------------|----------------------|-------------------|----|-------------------------------------|
| 0 _ | PAV | 0-0.25': Asphalt. | | | | | 0 Flush mounted 8 |
| - | | 0.25'-31': Brown, fine to coarse silty sand with gravel, loose, no sheen, dry, poorly sorted, no odor. | 50 | 0 | | | cover Concrete Seal |
| 5 - | | Brick pieces. | | 0.4 | GMW4-5 | | -5 |
| - | | No brick pieces. | 100 | 0 1.4 | GMW4-6 GMW4-7 | | - 2" PVC Blank |
| 0 - | | Decrease in gravels. | | 0.2 | GMW4-9 GMW4-10 | | -10 |
| - | | | 100 | 0 0 0.1 0.7 | | | - |
| 5 - | | | | 0.7 0.1 | GMW4-15 | | -15 |
| - | | | 100 | 0.1 | | | |
| 20 - - - | | | | 0.1 | GMW4-20 | | -20 |
| _ | | Becomes dense. | % Recovery not recorded | 0.4 | | | Bentonite Seal |
| .5 - - | SM | Slight sweet odor. No odor. | | 3.1 | GMW 4-25 | | -25 |
| - | | NO Odor. | | 0.1 | | | |
| 0 - | | 31'-32': No recovery. | | 8.0 | GMW4-30 | | -30 |
| - | | 32'-50': Brown, fine to coarse silty sand, loose, no sheen, dry, poorly sorted, no odor. | | 0.4 | | | _ |
| 5 - | | | | 1.2 1 | GMW4-35 | | -35 |
| - | | | | 0.7 | | H | |
| 0 - | | Becomes wet. | | 0.7 | GMW 4-40 | | -40 |
| - | | Decomes wet. | | 0 | | | Sand Pack |
| 5 - | | Decrease in fines, becomes moist. | | 1.7 0 | GMW 4-45 | | -45 2" O.D. Well Screen (10 slot |
| - | | | | 0 | | Ħ | |
| 0 - | | Boring terminated at 50 feet, groundwater monitoring well installed. | | 0 | GMW4-50 | | -50 |



PROJECT NAME: DRILLING DATE: PROJECT NUMBER: **Bellevue Way Cleaners** 02-0266-A 11/18/2024 BORING DIAMETER: DRILLING CONTRACTOR: WEATHER: **AEC** 6" Rainy DRILLING METHOD: TOTAL DEPTH: DEPTH TO WATER: 50' **Sonic** 40.5' LOCATION: LOGGED BY: Bellevue, Washington

BQ

BORING/WELL ID:

GMW5

| | | 1 ag. Dato 270 | | | | | |
|--------------|---------------------------|---|----------------------------|-------------------|--------------------|-------|--|
| Depth (feet) | USCS Soil Type/Graphic | Description | Interval and % Recovery | PID (vppm) | Sample ID | We | ll Construction |
| 0 _ | TPAV.T | 0-0.25': Asphalt 0.25'-50': Brown, fine to coarse silty sand with gravel, loose, no sheen, dry, poorly sorted, no odor. | % Recovery not recorded | . 0 | | | O Flush mounted 8" cover Concrete Seal |
| 5 - | | | | 0.1 0.7 | GMW5-5 GMW5-6 | | -5 - 2" PVC Blank |
| 10 - | | | | 0.1 | GMW5-10 | | - 10 |
| - | | Sweet odor. | | 0.1 | GIVIVV 3-10 | | _ |
| 15 - | | | | 0.4 0.6 0.6 | GMW5-15 | | -15 |
| - | | No odor. | | 0.3 | | | |
| 20 - | SM | | | 0.1 | GMW5-20 GMW5-21 | | - 20 - Bentonite Seal |
| 25 - | | Increase in fines. | | 1.4 | GMW5-25 | | -25 |
| - | | | | 0.6 | S 25 | | _ |
| 30 - | | Increase in gravels. | | 2.6 5 1.2 | GMW5-30 | | -30 |
| - | | | | 0.8 | 0.000 | | 25 |
| 35 - - | | | | 1.6 1.3 4.2 | GMW5-35 GMW5-37 | | -35 |
| 40 - | | Becomes wet. | | 0.9 | GMW5-40 | 0.000 | -40 \square Sand Pack |
| 45 - - | | | | 0 0.1 0 | GMW5-45 | | 2" O.D. Well Screen (10 slot) |
| 50 - | | Boring terminated at 50 feet, groundwater monitoring | | 0 | GMW5-50 | | Bentonite Seal |
| _ | | well installed. | | | | | _ |



PROJECT NAME: DRILLING DATE: PROJECT NUMBER: **Bellevue Way Cleaners** 02-0266-A 11/19/2024 BORING DIAMETER: DRILLING CONTRACTOR: WEATHER: **AEC** 6" Cloudy DRILLING METHOD: TOTAL DEPTH: DEPTH TO WATER: 55' **Sonic** 42' LOCATION: LOGGED BY: Bellevue, Washington

BQ/RM

BORING/WELL ID:

GMW6

| Depth (reet) | USCS Soil Type/Graphic | Description | Interval and % Recovery | PID (vppm) | Sample ID | We | Il Construction |
|---------------|---------------------------|--|----------------------------|--------------------------|-----------------------------|----|--------------------------------------|
| 0 | PAV | 0'-0.25': Asphalt. 0.25'-24': Brown, fine to coarse silty sand with gravel, | % Recovery | 0 | | | O Flush mounted 8 cover |
| 1 | | loose, no sheen,dry, poorly sorted,no odor. | not recorded. | 0 | | | - Concrete Seal |
| 5 - | | | | 0 0.3 | GMW6-5 GMW6-6 | | -5 |
| 0 - | | | | 0.7 0.5 0.3 0.2 | GMW6-8 GMW6-9 GMW6-10 | | - 2" PVC Blank -10 |
| = | | | | 0.7 | | | |
| 5 - | | | | 0.9 0.5 | GMW6-15 | | -15 |
| - | | Becomes moist. | | 0 | | | |
| 0 - | | Becomes dense. | | 0 0.3 | GMW6-20 | | -20 |
| 1 | | | | 0.6 | | | Bentonite Seal |
| 5 - | | 24'-31': Brown, fine to coarse silty sand, loose, no sheen, dry, poorly sorted, no odor. | | 0.7 0.5 | GMW6-25 | | -25 |
| } | SM | | | 0.2 | | | _ |
| 0 - | | 31'-34': No recovery. | | 0.1 | GMW6-30 | | -30 |
| 1 | | | | 2.3 | | | |
| 5 - - - | | 34'-50': Brown, fine to coarse silty sand with lenses of compacted silt, loose, no sheen, dry, poorly sorted, slightly sweet odor. No odor. | | 6.5 4.2 1.3 2.4 | GMW6-35 | | - 35 - |
| 0 = | | | | 1.4 1.1 | GMW6-40 | | -40 |
| - | | Becomes wet. | | 1.9 | GMW6-43 | | Sand Pack |
| 5 | | Becomes coarser grained. | | 1.7 1.6 | GMW6-45 | | -45 2" O.D. Well Screen (10 slot) |
| 1 | | | | 0.7 | | | |
| 0 - | | | | 0.4 0 | GMW6-50 | | -50 Bentonite Seal |
| 7 | | | | 0 | | | - |
| 5 = | | Boring terminated at 55 feet, groundwater monitoring well installed. | _ | 0 | GMW6-55 | | -55 |



PROJECT NAME: DRILLING DATE: PROJECT NUMBER: **Bellevue Way Cleaners** 02-0266-A 11/19/2024 BORING DIAMETER: DRILLING CONTRACTOR: WEATHER: **AEC** 6" Cloudy DRILLING METHOD: TOTAL DEPTH: DEPTH TO WATER: 50' **Sonic** 41' LOCATION: LOGGED BY:

BQ/RM

BORING/WELL ID:

GMW7

NOTES: Well Tag: BQU-272

Bellevue, Washington

| Depth (feet) | USCS Soil Type/Graphic | Description | Interval and % Recovery | PID (vppm) | Occupied ID | \\/\ | ell Construction |
|-----------------|---------------------------|--|----------------------------|--------------------------|------------------------------|-------|----------------------------------|
| 0 | | 0'-0.25': Asphalt. | = % | ш | Sample ID | V V C | 0 Flush mounted 8" |
| - - - | | 0.25'-11': Brown, fine to coarse silty sand with gravel, loose, no sheen, dry, poorly sorted, no odor. | % Recovery not recorded. | 0.5 | GMW6-2 | | cover Concrete Seal |
| 5 - - - | SM | | | 0.4 0 0.9 0.7 | GMW7-5 GMW7-6 GMW7-7 | | - 5 - 2" PVC Blank |
| 10 - | | | | 0 0 2.7 | GMW7-9 GMW7-10 GMW7-11 | | -10 |
| - - | | 11'-20.5': Brown, fine to coarse sandy silt, trace gravel, loose, no sheen, moist, poorly sorted, slightly sweet odor. | | 1.1 | | | _ |
| 15 - - - | | No odor. | | 1.3 1.2 | GMW7-15 | | -15 |
| 20 - | | Mottled. Becomes dry. | | 0.2 3.2 | GMW7-20 | | -20 |
| | | 20.5'-40': Brown, fine to coarse silty sand, loose, no sheen, dry, poorly sorted, no odor Slight sweet odor. | | 0.5 6.1 0.9 | GMW7-22 | | - Bentonite Seal |
| 25 - - | | No odor. | | 1.5 0.2 | GMW7-25 | | -25 |
| 30 - | | | | 0.3 2.3 4.9 1.6 | GMW7-30 | | -30 |
| 35 - | | Increasing fines. | | 1 1.5 1.1 | GMW7-35 | | - 35 |
| - | | | | 4.2 3.2 1.4 | GMW7-36 | | - |
| 40 - | | 40'-50': Brown, poorly sorted, fine to coarse sand, loose, wet, no odor, no sheen. | | 2.9 0.3 | GMW7-40 | | -40 Sand Pack |
| 45 - - | SP | | | 0.1 | GMW7-45 | | 2" O.D. Well Screen (10 slot) |
| - - - | | | | 0.1 | | | - |
| 50 - - - | | Boring terminated at 50 feet, groundwater monitoring well installed. | | 0 | GMW7-50 | | -50 |



PROJECT NAME: DRILLING DATE: PROJECT NUMBER: **Bellevue Way Cleaners** 11/20/2024 02-0266-A BORING DIAMETER: DRILLING CONTRACTOR: WEATHER: **AEC** 6" Clear DRILLING METHOD: TOTAL DEPTH: DEPTH TO WATER: 60' **Sonic** 37' LOCATION: LOGGED BY: Bellevue, Washington RM

BORING/WELL ID:

GMW8

| Depth (feet) | USCS Soil Type/Graphic | Description | Interval and % Recovery | PID (vppm) | Sample ID | We | ell Construction |
|----------------|---|--|----------------------------|--------------------------|--------------------|-------|--------------------------------------|
| 0 _ | | 0'-0.25': Gravel. | | 1.7 | GMW8-1 | | 0 Flush mounted 8" |
| - | | 0.25'-6': Brown, fine to coarse silty sand with gravel, loose, no sheen, dry, poorly sorted, no odor. | % Recovery not recorded. | 0.6 | | | cover Concrete Seal |
| 5 - - - | | 6'-28': Brown, fine to medium sand, trace silt, loose, no sheen, slightly moist, poorly sorted, no odor. | _ | 0.3 0.6 | GMW8-5 | | -5 - 2" PVC Blank |
| 10 - | | | | 0.5 1.1 0.5 2.8 | GMW8-10 | | - 10 - |
| 15 - | | 16'-20': No recovery. | | 0.3 | GMW8-15 GMW8-16 | | - 15 - |
| 20 - | SP | | | 0.3 | GMW8-19 | | -20 |
| - | | Becomes dense, increase in silt. | | 3.8 0.8 | GMW8-22 | | - Bentonite Seal |
| 25 - | | | | 1.7 1.7 | GMW8-25 | | - 25 |
| - | | 28'-58': Brown, fine to medium silty sand, loose, no | - | 2.4 | GMW8-28 | | |
| 30 - | | sheen, moist, poorly sorted, no odor. Becomes fine to coarse. | | 1.6 2.7 0.7 | GMW8-30 GMW8-31 | | -30 |
| 35 - | | | | 1 0.3 | GMW8-35 | | -35 |
| - | | Becomes wet. | | 2 | GMW8-38 | | Sand Pack |
| 40 - | SM | | | 1.1 | GMW 8-40 | | -40 2" O.D. Well Screen (10 slot) |
| 45 | | | | 0.3 | GMW8-43 | | 45 |
| 45 - - - | | | | 0.2 0.1 0.2 | GMW8-45 | | - 45 - |
| 50 - | 0 | | | 0.2 0.5 0.1 | GMW8-50 | | -50 Bentonite Seal |
| 55 - | * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | 0 0.1 0.3 | GMW8-55 GMW8-56 | | - -55 |
| - | | 58'-60':Brown, poorly sorted, fine to coarse sand, trace | _ | 0.1 | | | - |
| 60 - | 1 | silt, loose, slightly moist, no odor, no sheen. Boring terminated at 60 feet, groundwater monitoring well installed. | _ | 0.1 | GMW8-60 | MI MI | -60 |

| F | PROJECT NAME: | PROJECT NUMBER: | DRILLING DATE: |
|-------------------|-----------------------|------------------|-----------------|
| ATLAS | Bellevue Way Cleaners | 02-0266-A | 2/10/2025 |
| GEOSCIENCES NW | DRILLING CONTRACTOR: | BORING DIAMETER: | WEATHER: |
| , 52555.2.1525111 | AEC | 6" | Sunny |
| BORING/WELL ID: | DRILLING METHOD: | TOTAL DEPTH: | DEPTH TO WATER: |
| BORING/WELL ID. | Sonic | 50' | 31' |
| GMW9 | LOCATION: | I | LOGGED BY: |
| | Bellevue, Washington | | RM/MVE |

| | | _ > | | | | |
|---|---|----------------------------|-------------------|--------------------|----|-------------------------------|
| Depth (feet) USCS Soil Type/Graphic | Description | Interval and % Recovery | PID (vppm) | Sample ID | We | ell Construction |
| 0 ORG | 0'-0.25': Topsoil | | | | | Flush mounted 8" cover |
| | 0.25'-5: No recovery. |) | | | | Concrete Seal |
| 5 ML | 5'-9': Brown, poorly sorted, fine to medium sandy silt, trace gravel, loose, moist, no odor, no sheen. | 100 | 0 | GMW9-5 | | 2" PVC Blank |
| 10 - | 9'-25':Light brown, poorly sorted, fine to medium silty sand, some organics, loose, moist, no odor, no sheen. | | 0.2 0 | GMW9-10 | | |
| - - - 15 - | Becomes brown/gray in color. | 100 | 0 | GMW9-13 | | |
| 15 - | Increasing fines. | 100 | 0.6 0.5 | GMW9-16 | | |
| 20 - | | 100 | 0.3 0.9 0.5 | | | Bentonite Seal |
| 25] SM | 25'-50': Dark gray, silty sand with compact lenses of soil, poorly sorted, no odor, dry to moist. Increase in moisture content. | 100 | 1.7 0.9 3.4 | GMW9-25 GMW9-28 | | |
| 30 = | Becomes dark gray/brown in color. | | 1.4 | GMW9-31 | | |
| - : : : : : : : : : : : : : : : : : : : | Decreasing silt lenses. | 100 | 0 | | | Sand Pack 2" O.D. Well Screen |
| 35 - | | 100 | 2 0 0.2 | GMW9-35 GMW9-37 | | (10 slot) |
| 40 - | Becomes wet. | | - 0 0 | | | |
| _ | | 100 | 0.2 | GMW9-43 | | |
| 45 - - - - - | | 100 | 0 0 0.2 | GMW9-47 | | Bentonite Seal |
| 50 | Boring terminated at 50 feet, groundwater monitoring well installed. | | 0 | GMW9-50 | | |



PROJECT NAME: DRILLING DATE: PROJECT NUMBER: **Bellevue Way Cleaners** 11/21/2024 02-0266-A BORING DIAMETER: DRILLING CONTRACTOR: WEATHER: **AEC** 6" Cloudy DRILLING METHOD: TOTAL DEPTH: DEPTH TO WATER: 55' **Sonic** 35' LOCATION: LOGGED BY: Bellevue, Washington

RM

BORING/WELL ID:

GMW10

| Depth (feet) | USCS Soil Type/Graphic | Description | Interval and % Recovery | PID (vppm) | Sample ID | We | ell Construction |
|-----------------|---------------------------|--|----------------------------|------------|----------------------|----|------------------------------------|
| 0 _ | | 0'-0.25': Gravel. | | 0.6 | GMW10-1 | | 0 Flush mounted 8' |
| | | 0.25'-29': Brown, fine to coarse silty sand with gravel, loose, no sheen, moist, poorly sorted, no odor. | % Recovery not recorded. | | | | cover - Concrete Seal |
| 5 - | | | | 0.2 | | | -5 |
| - | | | | 1.7 | GMW10-7 | | - 2" PVC Blank |
| 10 = | | Becomes gray, slight petroleum odor. | | 0 3.3 | GMW10-11 | | -10 |
| - | | Becomes brown, no odor. | | 0.3 | | | |
| 15 - - | | | | 0.4 0.1 | | | -15 |
| 7 | | | | 0.3 | | | _ |
| 20 - | | | | 0.8 | GMW10-20 GMW10-21 | | -20 |
| - | | Becomes fine to medium grained. | | 0.7 | | | Bentonite Seal |
| 25 - - | SM | | | 0.2 0.4 | | | -25 |
| - 1 | | | | 0.1 | | | - |
| 30 - | | 29'-55': Brown, fine to medium silty sand, loose, no sheen, moist, poorly sorted, no odor. | _ | 0.6 3.5 | GMW10-30 GMW10-31 | | -30 Sand Pack |
| 7 | | Becomes white, slight organic odor. Becomes brown, no odor. | | 2.1 | | | _ |
| 35 - | | | | 2.1 0.5 | | | -35 |
| = | | | | 1.5 | | | 2" O.D. Well Screen (10 slot) |
| 40 - | | Becomes wet. | | 12.2 | GMW10-40 | | -40 |
| - | | | | | | | |
| 15 - - | | | | 0.9 0.9 | GMW10-45 GMW10-46 | | -45 Bentonite Seal |
| 1 | | | | 1.1 | | | |
| 50 - - | | | | 0.4 | | | -50 |
| - | | | | 0 | | | |
| 55 | | Boring terminated at 55 feet, groundwater monitoring well installed. | | 0 | GMW10-55 | | -55 |



PROJECT NAME: DRILLING DATE: PROJECT NUMBER: **Bellevue Way Cleaners** 11/21/2024 02-0266-A BORING DIAMETER: DRILLING CONTRACTOR: WEATHER: **AEC** 6" Cloudy DRILLING METHOD: TOTAL DEPTH: DEPTH TO WATER: 55' **Sonic** 30' LOCATION: LOGGED BY: Bellevue, Washington

RM

BORING/WELL ID:

GMW11

| Deptn (reet) | USCS Soil Type/Graphic | Description | Interval and % Recovery | PID (vppm) | Sample ID | We | ell Construction |
|---------------|---------------------------|--|----------------------------|------------|----------------------|-------|----------------------------------|
| 0 _ | PAV | 0'-0.25': Asphalt. | | 0 | | | 0 Flush mounted |
| - | | 0.25'-5':Brown, fine to coarse silty sand, loose, no sheen, dry, poorly sorted, no odor. | % Recovery not recorded. | 0 | | | cover Concrete Seal |
| 5 - | | 5'-11': Brown, poorly sorted, fine to coarse sand, loose, | | 0.1 1.1 | GMW11-5 | | -5 |
| - | SP | dry, no odor, no sheen. | | 1.2 | GMW11-7 | | - 2" PVC Blank |
|) - | | | | 0.6 0.3 | GMW11-11 | | 10 |
| - | | 11'-21': Brown, fine to medium silty sand with gravel, loose, no sheen, dry, poorly sorted, no odor. | | 0.3 | GIWW 11-11 | | _ |
| 5 - | SM | | | 0.1 0.6 | GMW11-16 | | -15 |
| - | | | | 0.5 | | | |
|) - | | Becomes white/gray in color. | | 0.4 | | | -20 |
| - | | 21'-55': Brown, fine to coarse sand, loose, no sheen, | - | 0.3 1.4 | GMW11-21 GMW11-22 | | Bentonite Seal |
| - | | dry, poorly sorted, no odor. | | | | | - Bernonite Sear |
| 5 - | | | | 0.5 | CMM44 00 | | -25 |
| - | | | | 2.1 | GMW11-26 | | |
| - | | | | 1.4 | | | |
|) - - - | | Some gravel, becomes wet. | | 1.3 1.1 | GMW11-31 | | -30 |
| - | | | | 0 | | E | 2" O.D. Well |
| 5 - | | No gravel. | | 0 | | | Screen (10 slot |
| | SP | Ç | | 0 | | E | |
| | | Increasing fines. | | 0 | | | |
|) - | | Ğ | | 0 | GMW11-40 | | -40 Bentonite Seal |
| 4 | | | | | | | |
| | | | | | | | |
| 5 = | | | | 0.1 | GMW11-45 | | -45 |
| - | | | | | | | _ |
| - | | | | 0.3 | | | |
|) | | | | 0.7 0.3 | GMW11-50 GMW11-51 | | -50 |
| } | | | | 0.1 | | | - |
| . 7 | | | | | 0.000 | | |
| 5 = | | Boring terminated at 55 feet, groundwater monitoring well installed. | 1 | 0 | GMW11-55 | W. W. | -55 |



PROJECT NAME: DRILLING DATE: PROJECT NUMBER: **Bellevue Way Cleaners** 11/22/2024 02-0266-A BORING DIAMETER: DRILLING CONTRACTOR: WEATHER: **AEC** 6" Cloudy DRILLING METHOD: TOTAL DEPTH: DEPTH TO WATER: 65' **Sonic** 37' LOCATION: LOGGED BY: Bellevue, Washington RM

BORING/WELL ID:

GMW13

| Depth (feet) | USCS Soil Type/Graphic | Description | Interval and % Recovery | PID (vppm) | Sample ID | We | ell Construction |
|--------------|---|--|----------------------------|------------------------|--------------------|-----|-----------------------------------|
| 0 _ | | 0'-0.25': Gravel. | % Recovery | 0.1 | | | O Flush mounted 8" cover |
| _ | | 0.25'-50': Brown, fine to medium silty sand with gravel, no sheen, moist, poorly sorted, organic odor. | not recorded. | 0.2 | | | Concrete Seal |
| 5 - | | Becomes light brown, no odor, dry. | | 0.3 0.1 0 | GMW13-5 GMW13-6 | | - 5 - 2" PVC Blank |
| _ | | | | 0 | GMW13-9 | | |
| 10 - | | | | 0.7 | GMW13-10 | | -10 |
| - | | | | 0.7 | GMW13-12 | | - |
| 15 - | | | | 0.6 1.1 | GMW13-16 | | -15 |
| _ | | | | 0.2 | | | |
| 20 - | | Becomes gray, sweet odor. | | 0.4 1810 | GMW13-20 | | -20 |
| - | | g. a, , cco. c.c | | 2000 | GMW 13-22 | | Bentonite Seal |
| 25 - | SM | | | 172.5 60.5 117.1 | GMW13-27 | | -25 |
| 30 - | | Becomes brown, no gravel. | | 2.9 18.9 | | | -30 |
| _ | | | | 12.8 | | | |
| 35 - | | Becomes moist. | | 165.2 | GMW13-35 | | - 35 |
| - | | | | 2.9 | | | Sand Pack |
| 40 - | | No odor. | | 3.5 1.6 | GMW13-40 | | -40 2" O.D. Well Screen (10 slot) |
| - | | | | 0.9 | | | |
| 45 - | | | | 0.8 0.8 | GMW13-45 | W W | - 45 |
| - | | | | 1.3 | | | - |
| 50 - | | | | 1.4 | GMW13-50 | | -50 - |
| " - | | 50'-65': Brown, fine to coarse sand, trace silt, no sheen, | | 2 | GMW 13-51 | | -50 Bentonite Seal |
| - | • | moist, poorly sorted, no odor. | | 0.7 | | | - |
| 55 - | SP | | | 1.5 | | | -55 |
| _ | | | | 0.4 | | | |
| 60 - | | Becomes wet. | | 0.6 | GMW13-60 | | 60 |
| - | | | | 0.2 | | | |
| _ | | | | 0 | | | |
| 65 - - | | Boring terminated at 65 feet, groundwater monitoring well installed. | - | 0 | GMW13-65 | | -65 |

| · · | PROJECT NAME: | PROJECT NUMBER: | DRILLING DATE: |
|----------------------|-----------------------|------------------|-----------------|
| ATI AS | Bellevue Way Cleaners | 02-0266-A | 11/18/2024 |
| ATLAS GEOSCIENCES NW | DRILLING CONTRACTOR: | BORING DIAMETER: | WEATHER: |
| , | Holocene | 2" | Rainy |
| BORING/WELL ID: | DRILLING METHOD: | TOTAL DEPTH: | DEPTH TO WATER: |
| BORING/WELL ID. | Direct Push | 15' | N/A |
| B6 | LOCATION: | | LOGGED BY: |
| | Bellevue, Washington | | HS |
| NOTES: | | | 1 |

| Depth (feet) | USCS Soil Type/Graphic | Description | Interval and | Recovery | PID (vppm) | Sample ID | Well Construction |
|--------------|---------------------------|--|--------------|----------|------------|-----------|--|
| 0 | ORG | 0'-0.5': Dark brown, topsoil containing roots and organic matter, loose, moist, no odor, no sheen. 0.5'-15': Brown, fine to medium silty sand with gravel, moist, no odor, no sheen. | <u> </u> | | 5.2 | B6-0-1 | Temporary boring. Backfilled with bentonite. |
| - | SM | | 60 | | 0 | | |
| 5 - | - | | | | 0 | B6-4-5 | |
| - | | | | | 0 | B6-5-6 | |
| - | | Becomes dry. | 60 | | 0 | | |
| 10 - | | | | | 0 | B6-9-10 | |
| - | | Increasing fines. | | 1 | 1.5 | B6-10-11 | |
| - | | | 100 | | 0 | | |
| 15 - | | Boring terminated at 15 feet, groundwater not encountered. | | | 0 | B6-14-15 | |

| CALLAS - | Bellevue Way Cleaners | 02-0266-A | 11/18/2024 |
|------------------|-----------------------|------------------|-----------------|
| GEOSCIENCES NW D | NOULLING CONTRACTOR. | | |
| | ORILLING CONTRACTOR: | BORING DIAMETER: | WEATHER: |
| | Holocene | 2" | Rainy |
| BORING/WELL ID: | DRILLING METHOD: | TOTAL DEPTH: | DEPTH TO WATER: |
| BURING/WELL ID. | Direct Push | 15' | N/A |
| B7 | OCATION: | | LOGGED BY: |
| | Bellevue, Washington | нѕ | |

| | | | _ | | | | |
|--------------|---------------------------|--|--------------|------------|------------|-----------|--|
| Depth (feet) | USCS Soil Type/Graphic | Description | Interval and | % Kecovery | PID (vppm) | Sample ID | Well Construction |
| 0 | PAV_ | 0'-0 25': Asphalt | = 0 | 5 | _ | Cample 1D | Trail Carlati detici. |
| - | | 0'-0.25': Asphalt. 0.25'-4': Brown, fine to medium sand with gravel, moist, medium dense, no odor, no sheen. | - | | 0 | | Temporary boring. Backfilled with bentonite. |
| - | SM. | 4'-6.5': Gray-brown, fine sandy silt, moist, no sheen, | 60 | | 0 | | |
| | | no odor. | | | | | |
| 5 - | $\ \ \ \ \ $ | | | | 0 | B7-4-5 | |
| | ML | | | | | | |
| - | - | | | | 0 | B7-5-6 | |
| - | | 6.5'-15': Brown, fine silty sand with gravel, dry, no odor, no sheen. | 100 | 0 | | | |
| - | | | | | 0 | B7-8-9 | |
| 10 - | | | | | 0 | | |
| _ | SM | | | | 0 | | |
| - | | | 100 | 0 | 0 | | |
| 15 - | | Boring terminated at 15 feet, groundwater not encountered. | | | 0 | B7-14-15 | |

| PROJECT NAME: | PROJECT NUMBER: | DRILLING DATE: | |
|-----------------------|--|---|--|
| Bellevue Way Cleaners | 02-0266-A | 11/18/2024 | |
| DRILLING CONTRACTOR: | BORING DIAMETER: | WEATHER: | |
| Holocene | 2" | Rainy | |
| DRILLING METHOD: | TOTAL DEPTH: | DEPTH TO WATER: | |
| Direct Push | N/A | | |
| LOCATION: | LOGGED BY: | | |
| Bellevue, Washington | HS | | |
| | Bellevue Way Cleaners DRILLING CONTRACTOR: Holocene DRILLING METHOD: Direct Push LOCATION: | Bellevue Way Cleaners DRILLING CONTRACTOR: Holocene DRILLING METHOD: Direct Push LOCATION: D2-0266-A BORING DIAMETER: TOTAL DEPTH: 13' | |

NOTES:

| Depth (feet) | USCS Soil Type/Graphic | Description | Interval and % Recovery | PID (vppm) | Comple ID | Well Construction |
|--------------|---------------------------|--|----------------------------|------------|-----------|--|
| 0 | PAV_ | 0' 0.25': Asphalt | 드% | Δ. | Sample ID | Well Construction |
| - | | 0'-0.25': Asphalt. 0.25'-6': Brown, fine sand, trace silt, moist, no sheen, no odor. | | 0 | | Temporary boring. Backfilled with bentonite. |
| - | SP | | 90 | 0 | | |
| 5 - | | | | 0 | B8-4-5 | |
| | | | | | | |
| - | | 6'-15': Brown, fine silty sand, moist, no sheen, no odor. | | 0 | | |
| - | - SM - | Becomes dry. | 100 | 0 | | |
| | | | | | | |
| 10 - | | | | 0 | B8-9-10 | |
| - | | | | 0.2 | B8-10-11 | |
| - | | | 100 | 0 | | |
| - | | | 100 | 0 | B8-12-13 | |
| 15 - | | Boring terminated at 15 feet, groundwater not encountered. | | | | |

| | PROJECT NAME: | PROJECT NUMBER: | DRILLING DATE: |
|-----------------|-----------------------|------------------|-----------------|
| 🔆 ATLAS | Bellevue Way Cleaners | 02-0266-A | 11/18/2024 |
| GEOSCIENCES NW | DRILLING CONTRACTOR: | BORING DIAMETER: | WEATHER: |
| , | Holocene | 2" | Rainy |
| BORING/WELL ID: | DRILLING METHOD: | TOTAL DEPTH: | DEPTH TO WATER: |
| BORING/WELL ID: | Direct Push | 15' | N/A |
| B9 | LOCATION: | LOGGED BY: | |
| | Bellevue, Washington | HS | |

NOTES:

| O Depth (feet) | USCS Soil Type/Graphic | Description | Interval and % Recovery | PID (vppm) | Sample ID | Well Construction |
|----------------|---------------------------|--|----------------------------|------------|-----------|--|
| 0 | PAV | 0'-0.25': Asphalt. | | | <u>'</u> | |
| - | | 0.25'-15': Brown, fine to medium silty sand, moist, no sheen, no odor. | | 0 | | Temporary boring. Backfilled with bentonite. |
| - | | | 90 | 0 | | |
| 5 - | SM | | | 0 | B9-4-5 | |
| | | | | | | |
| - | | | | 0 | B9-5-6 | |
| - | | Becomes dry. | 100 | 0 | | |
| 10 - | | | | 0 | B9-9-10 | |
| - | | | | 0 | | |
| - | | | 100 | 0 | | |
| 15 - | | Boring terminated at 15 feet, groundwater not encountered. | | 0 | B9-14-15 | |

| | PROJECT NAME: | PROJECT NUMBER: | DRILLING DATE: | | |
|-----------------|-----------------------|------------------|-----------------|--|--|
| ★ ATLAS | Bellevue Way Cleaners | 02-0266-A | 11/22/2024 | | |
| GEOSCIENCES NW | DRILLING CONTRACTOR: | BORING DIAMETER: | WEATHER: | | |
| , | AEC | | Cloudy | | |
| BORING/WELL ID: | DRILLING METHOD: | TOTAL DEPTH: | DEPTH TO WATER: | | |
| BORING/WELLID. | Sonic | 35' | N/A | | |
| B10 | LOCATION: | 1 | LOGGED BY: | | |
| | Bellevue, Washington | | RM | | |

NOTES:

| Depth (feet) | USCS Soil Type/Graphic | | Interval and % Recovery | PID (vppm) | | |
|--------------|---------------------------|---|----------------------------|------------|-----------|--|
| pth (| SS Sc e/Gra | | Perval | <u>\</u> | | |
| | S d | Description | #IT# | ₫ | Sample ID | Well Construction |
| 0 | PAV | 0'-0.25': Asphalt. 0.25'-15': Brown, poorly sorted, fine to medium sandy | % Recovery | 0.4 | | Town over having Dool tilled with |
| _ | | silt with gravel, medium dense, dry, organic odor, no | not recorded. | 0.4 | B10-2 | Temporary boring. Backfilled with bentonite. |
| _ | | sheen. | | | | |
| 4 | | | | | | |
| 5 - | | | | 0.3 | | |
| - | | | | 1.6 | B10-6 | |
| - | | | | | | |
| - | | | | 0.1 | | |
| - | | | | | | |
| 10 - | | | | 0 | | |
| - | | | | 0.2 | | |
| - | | | | 0.2 | B10-12 | |
| - | | | | | | |
| - | | | | | | |
| 15 | <u> </u> | 15'-25': Brown, poorly sorted, fine to coarse sand with | | 0 | | |
| - | | gravel, dry, medium dense, no odor, no sheen. | | 0.5 | | |
| - | | | | | | |
| + | | | | 0.2 | | |
| - | | | | | | |
| 20 - | SP | | | 4 | B10-20 | |
| - | | | | 0.2 | | |
| - | | | | 0.5 | B10-22 | |
| - | | | | | | |
| + | | | | | | |
| 25 | | 25'-35': Brown, fine to medium silty sand with gravel, | | 0.2 | B10-25 | |
| - 1 | | poorly sorted, no sheen, no odor. | | 0 | | |
| 1 | | | | | | |
| 1 | SM | | | 0 | | |
| | | | | | D40.00 | |
| 30 - | | | | 0.2 | B10-30 | |
| 1 | | | | 0.6 | B10-31 | |
| 1 | | Becomes fine to coarse grained. | | | | |
| 1 | | | | 0 | | |
| 35 | | | | 0.1 | B10-35 | |
| | | Boring terminated at 35 feet, groundwater not | | 0.1 | 010-35 | |
| | | encountered. | | | | |
| | | | | | | |

| | PROJECT NAME: | PROJECT NUMBER: | DRILLING DATE: |
|-----------------|-----------------------|------------------|-----------------|
| ATLAS | Bellevue Way Cleaners | 02-0266-A | 11/20/2024 |
| GEOSCIENCES NW | DRILLING CONTRACTOR: | BORING DIAMETER: | WEATHER: |
| , | AEC | 6" | Clear |
| BORING/WELL ID: | DRILLING METHOD: | TOTAL DEPTH: | DEPTH TO WATER: |
| BORING/WELLID. | Sonic | 55' | 38' |
| B11 | LOCATION: | 1 | LOGGED BY: |
| | Bellevue, Washington | | RM |

NOTES:

| Depth (feet) | USCS Soil Type/Graphic | | Interval and % Recovery | PID (vppm) | | |
|--------------|---------------------------|--|----------------------------|------------|------------------|-----------------------------------|
| pth (| SS SS e/Gra | | Reco | d√) | | |
| | Jy d | Description | Inte | PIC | Sample ID | Well Construction |
| 0 _ | | 0'-0.25': Gravel. 0.25'-49': Brown, fine to medium silty sand with | % Recovery | | | Temporary boring. Backfilled with |
| _ | | gravel, loose, moist, poorly sorted, no sheen, no odor. | not recorded. | | | bentonite. |
| 5 - | | | | 0.7 | B11-4 | |
| | | | | 0.7 | B11-6 | |
| _ | | | | 0.8 | B11-8 | |
| 10 - | | | | 0.6 0.7 | B11-9 | |
| 10 - | | | | 0.3 | | |
| _ | | | | 0.9 | B11-12 | |
| - 15 - | | | | | D44.45 | |
| 15 - | | | | 0.7 | B11-15 B11-16 | |
| _ | | | | 0.3 | | |
| - | SM | | | | B44.00 | |
| 20 - | | | | 0.6 | B11-20 | |
| _ | | | | 1 0.7 | | |
| - | | | | | _ | |
| 25 - | | | | 6.7 1.4 | B11-25 | |
| - | | | | | | |
| _ | | | | 1.3 | | |
| 30 - | | | | 4.3 2.9 | B11-30 | |
| - | | | | 6.1 | B11-32 | |
| _ | | | | | | |
| 35 - | | | | 0.5 0.7 | | |
| - | | | | 5.8 | B11-37 | |
| _ | | Becomes wet. | | | | |
| 40 - | | | | 0.5 | | |
| | | | | 0.5 | | |
| - | | | | 1.1 | | |
| 45 - | | | | 1.3 | B11-45 | |
| _ | | Black streak. | | 1.7 | | |
| _ | | | | 0.5 | | |
| 50 - | | 49'-55': Brown, fine to coarse sand, trace silt, loose, | | 2.7 | B11-50 | |
| - | SP | moist, poorly sorted, no sheen, no odor. | | 0 | B11-51 | |
| - | | | | 0 | | |
| 55 - | | Paring terminated at EE foot, temperary groundwater | | 0 | B11-55 | |
| - | | Boring terminated at 55 feet, temporary groundwater monitoring well installed, groundwater grab sample | | | | |
| - | - | collected. | | | | |
| | • | | | | | |



APPENDIX B

Laboratory Analytical Reports and Sample Chain-of-Custody Forms



December 5, 2024

Megan Poysnick Atlas GeoSciences NW PO Box 1009 Sumner, WA 98390

Re: Analytical Data for Project 02-0266-A Laboratory Reference No. 2411-323

Dear Megan:

Enclosed are the analytical results and associated quality control data for samples submitted on November 22, 2024.

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

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

Sincerely,

David Baumeister Project Manager

Enclosures

Date of Report: December 5, 2024 Samples Submitted: November 22, 2024 Laboratory Reference: 2411-323

Project: 02-0266-A

Case Narrative

Samples were collected on November 21, 2024 and received by the laboratory on November 22, 2024. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below. However the soil results for the QA/QC samples are reported on a wet-weight basis.

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

94

Laboratory Reference: 2411-323

Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D

Matrix: Water Units: ug/L

4-Bromofluorobenzene

| | | | | Date | Date | |
|----------------------------|------------------|----------------|-----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| Client ID: | B11 | | | | | |
| Laboratory ID: | 11-323-01 | | | | | |
| Vinyl Chloride | ND | 2.0 | EPA 8260D | 12-2-24 | 12-2-24 | |
| (trans) 1,2-Dichloroethene | ND | 2.0 | EPA 8260D | 12-2-24 | 12-2-24 | |
| (cis) 1,2-Dichloroethene | ND | 2.0 | EPA 8260D | 12-2-24 | 12-2-24 | |
| 1,2-Dichloroethane | ND | 2.0 | EPA 8260D | 12-2-24 | 12-2-24 | |
| Trichloroethene | ND | 2.0 | EPA 8260D | 12-2-24 | 12-2-24 | |
| Tetrachloroethene | 270 | 2.0 | EPA 8260D | 12-2-24 | 12-2-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 98 | 68-133 | | | | |
| Toluene-d8 | 103 | 79-123 | | | | |

78-117

Laboratory Reference: 2411-323

Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

Matrix: Water Units: ug/L

| | | | | Date | Date | |
|----------------------------|------------------|----------------|-----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB1202W1 | | | | | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 12-2-24 | 12-2-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 12-2-24 | 12-2-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 12-2-24 | 12-2-24 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 12-2-24 | 12-2-24 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 12-2-24 | 12-2-24 | |
| Tetrachloroethene | ND | 0.20 | EPA 8260D | 12-2-24 | 12-2-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 99 | 68-133 | | | | |
| Toluene-d8 | 100 | 79-123 | | | | |
| 4-Bromofluorobenzene | 100 | 78-117 | | | | |

| | | | | | Per | cent | Recovery | | RPD | |
|----------------------------|------|------|-------|-------|-----|-------|----------|-----|-------|-------|
| Analyte | Res | sult | Spike | Level | Rec | overy | Limits | RPD | Limit | Flags |
| SPIKE BLANKS | | | | | | | | | | |
| Laboratory ID: | SB12 | 02W1 | | | | | | | | |
| | SB | SBD | SB | SBD | SB | SBD | | | | |
| Vinyl Chloride | 8.45 | 8.68 | 10.0 | 10.0 | 85 | 87 | 67-130 | 3 | 15 | |
| (trans) 1,2-Dichloroethene | 9.11 | 9.59 | 10.0 | 10.0 | 91 | 96 | 77-125 | 5 | 15 | |
| (cis) 1,2-Dichloroethene | 9.06 | 9.57 | 10.0 | 10.0 | 91 | 96 | 78-130 | 5 | 15 | |
| 1,2-Dichloroethane | 9.07 | 9.64 | 10.0 | 10.0 | 91 | 96 | 68-133 | 6 | 15 | |
| Trichloroethene | 12.0 | 12.3 | 10.0 | 10.0 | 120 | 123 | 80-126 | 2 | 15 | |
| Tetrachloroethene | 10.4 | 10.6 | 10.0 | 10.0 | 104 | 106 | 80-125 | 2 | 15 | |
| Surrogate: | | | | | | | | | | |
| Dibromofluoromethane | | | | | 90 | 94 | 68-133 | | | |
| Toluene-d8 | | | | | 102 | 99 | 79-123 | | | |
| 4-Bromofluorobenzene | | | | | 98 | 98 | 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



I Onsite Invironmental inc. Analytical Laboratory Testing Services 14648 NE 95th Street - Redmond, WA 98052 Phone: 14951 882-2001

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December 13, 2024

Megan Poysnick Atlas GeoSciences NW PO Box 1009 Sumner, WA 98390

Re: Analytical Data for Project 02-0266-A Laboratory Reference No. 2411-323B

Dear Megan:

Enclosed are the analytical results and associated quality control data for samples submitted on November 22, 2024.

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

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

Sincerely,

David Baumeister Project Manager

Enclosures

Date of Report: December 13, 2024 Samples Submitted: November 22, 2024 Laboratory Reference: 2411-323B

Project: 02-0266-A

Case Narrative

Samples were collected on November 21, 2024 and received by the laboratory on November 22, 2024. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below. However the soil results for the QA/QC samples are reported on a wet-weight basis.

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

NWTPH-Gx Analysis

The gasoline result for sample B11 is attributed to a single peak (Tetrachloroethene).

The client requested the analysis of sample B11 after the holding time had expired.

There were no remaining VOA vials available for sample B11. The sample was therefore decanted from a 500 mL amber container into VOA vials in order to perform the requested analysis. Some loss of volatiles may have occurred.

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

Date of Report: December 13, 2024 Samples Submitted: November 22, 2024 Laboratory Reference: 2411-323B

Project: 02-0266-A

GASOLINE RANGE ORGANICS NWTPH-Gx

Matrix: Water
Units: ug/L (ppb)

| | | | | Date | Date | |
|-------------------------|------------------|----------------|----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| Client ID: | B11 | | | | | |
| Laboratory ID: | 11-323-01 | | | | | |
| Gasoline Range Organics | 280 | 100 | NWTPH-Gx | 12-9-24 | 12-9-24 | Z |
| Surrogate: | Percent Recovery | Control Limits | | | | |

Surrogate: Percent Recovery Control Limit. Fluorobenzene 83 61-122

Date of Report: December 13, 2024 Samples Submitted: November 22, 2024 Laboratory Reference: 2411-323B

Project: 02-0266-A

GASOLINE RANGE ORGANICS NWTPH-Gx QUALITY CONTROL

Matrix: Water Units: ug/L (ppb)

| | | | | Date | Date | |
|----------------|------------------|----------------|----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB1209W1 | | | | | |
| Gasoline | ND | 100 | NWTPH-Gx | 12-9-24 | 12-9-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Fluorobenzene | 104 | 61-122 | | | | |

| Analyte | Res | sult | Spike | Level | Source Result | Percent Recovery | Recovery Limits | RPD | RPD Limit | Flags |
|----------------|-------|-------|-------|-------|------------------|---------------------|--------------------|-----|--------------|-------|
| DUPLICATE | | | | | | | | | | |
| Laboratory ID: | 11-27 | 77-04 | | | | | | | | |
| | ORIG | DUP | | | | | | | | |
| Gasoline | ND | ND | NA | NA | | NA | NA | NA | 30 | |
| Surrogate: | | | | | | | | | | |
| Elucrobonzono | | | | | | 100 102 | 61 122 | | | |

Fluorobenzene

108 103 61-122



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.
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- Z The gasoline result is attributed to a single peak (Tetrachloroethene).
- ND Not Detected at PQL
- PQL Practical Quantitation Limit
- RPD Relative Percent Difference





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| Reviewed/Date | Received | Relinquished | Relinquished A. Janahal | Received | Relinquished Pullua Dung | Signature | | | | | | | | • | | - STATE DE | Lab ID Sample Identification | RITH MOGIMA | MROOM DOUINICK, LIZ RUCHMON | Project Manager Way Ulanus | 62-026-A | Project Number: GROSCI ENCES NW | Company: | Analytical Laboratory Testing Services 14648 NE 95th Street • Redmond, WA 98052 |
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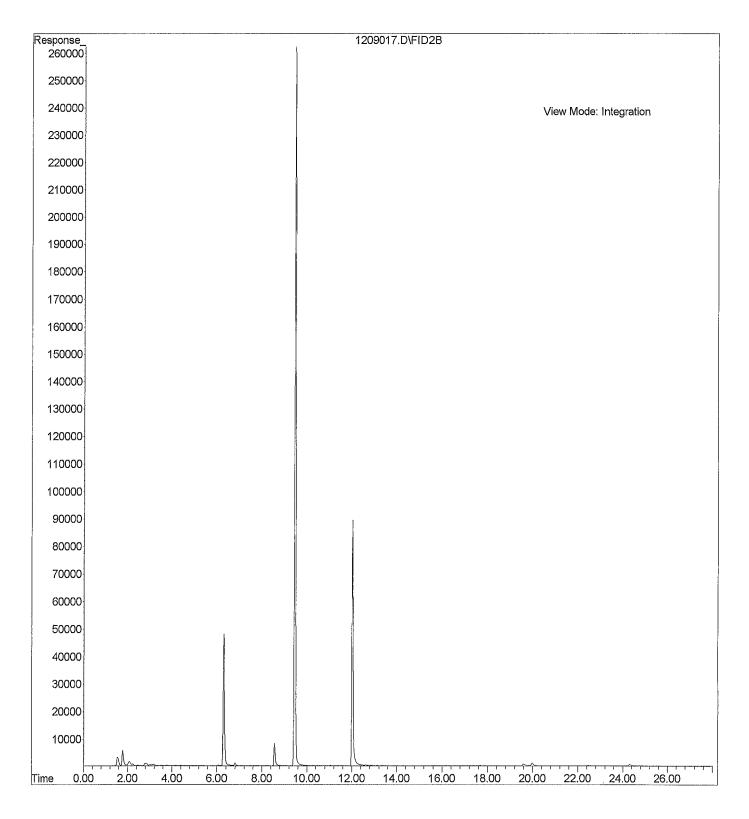
Operator :

Acquired: 9 Dec 2024 21:34 using AcqMethod 241025SH.M

Instrument: Hope Sample Name: 11-323-01b

Misc Info : FROM 500mL AMBER

Vial Number: 17





December 4, 2024

Megan Poysnick Atlas GeoSciences NW PO Box 1009 Sumner, WA 98390

Re: Analytical Data for Project 02-0266-A Laboratory Reference No. 2411-324

Dear Megan:

Enclosed are the analytical results and associated quality control data for samples submitted on November 22, 2024.

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

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

Sincerely,

David Baumeister Project Manager

Enclosures

Laboratory Reference: 2411-324

Project: 02-0266-A

Case Narrative

Samples were collected on November 21, 2024 and received by the laboratory on November 22, 2024. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below. However the soil results for the QA/QC samples are reported on a wet-weight basis.

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

Laboratory Reference: 2411-324

Project: 02-0266-A

GASOLINE RANGE ORGANICS NWTPH-Gx

Matrix: Soil

Units: mg/kg (ppm)

| | | | | Date | Date | |
|----------------|------------------|----------------|----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| Client ID: | GMW10-11 | | | | | |
| Laboratory ID: | 11-324-03 | | | | | |
| Gasoline | ND | 5.6 | NWTPH-Gx | 11-27-24 | 11-27-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Fluorobenzene | 105 | 62-134 | | | | |

Laboratory Reference: 2411-324

Project: 02-0266-A

GASOLINE RANGE ORGANICS NWTPH-Gx QUALITY CONTROL

Matrix: Soil

Units: mg/kg (ppm)

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|----------------|------------------|----------------|----------|------------------|------------------|-------|
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB1127S1 | | | | | |
| Gasoline | ND | 5.0 | NWTPH-Gx | 11-27-24 | 11-27-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Fluorobenzene | 104 | 62-134 | | | | |

| Analyte Result | | Result Spike Level | | Level | Source Result | Percent Recovery | Recovery Limits | RPD | RPD Limit | Flags |
|----------------|-------|--------------------|----|-------|------------------|---------------------|--------------------|-----|--------------|-------|
| DUPLICATE | | | - | | | | | | | |
| Laboratory ID: | 11-28 | 34-20 | | | | | | | | |
| | ORIG | DUP | | | | | | | | |
| Gasoline | ND | ND | NA | NA | | NA | NA | NA | 30 | |
| Surrogate: | | | | | | | | | | |
| Fluorobenzene | | | | | | 90 104 | 62-134 | | | |

M

Laboratory Reference: 2411-324

Project: 02-0266-A

DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx

Matrix: Soil

Units: mg/Kg (ppm)

| | | | | Date | Date | |
|-------------------------|------------------|----------------|----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| Client ID: | GMW10-11 | | | | | |
| Laboratory ID: | 11-324-03 | | | | | |
| Diesel Fuel #2 | 49 | 28 | NWTPH-Dx | 11-27-24 | 11-27-24 | |
| Lube Oil Range Organics | ND | 55 | NWTPH-Dx | 11-27-24 | 11-27-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | • | |
| o-Terphenyl | 80 | 50-150 | | | | |

Laboratory Reference: 2411-324

Project: 02-0266-A

DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx QUALITY CONTROL

Matrix: Soil

Units: mg/Kg (ppm)

| | | | | Date | Date | |
|-------------------------|------------------|----------------|----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB1127S2 | | | | | |
| Diesel Range Organics | ND | 25 | NWTPH-Dx | 11-27-24 | 11-27-24 | |
| Lube Oil Range Organics | ND | 50 | NWTPH-Dx | 11-27-24 | 11-27-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| o-Terphenyl | 86 | 50-150 | | | | |

| | | | | | Source | Perc | ent | Recovery | | RPD | |
|----------------|-------|-------|-------|-------|--------|------|------|----------|-----|-------|-------|
| Analyte | Res | sult | Spike | Level | Result | Reco | very | Limits | RPD | Limit | Flags |
| DUPLICATE | | | | | | | | | | | |
| Laboratory ID: | 11-34 | 10-08 | | | | | | | | | |
| | ORIG | DUP | | | | | | | | | |
| Diesel Range | ND | ND | NA | NA | | N/ | 4 | NA | NA | 40 | |
| Lube Oil Range | ND | ND | NA | NA | | N/ | 4 | NA | NA | 40 | |
| Surrogate: | | | | | | | | | | | |
| o-Terphenyl | | | | | | 81 | 75 | 50-150 | | | |

Laboratory Reference: 2411-324

Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D

Matrix: Soil Units: mg/kg

| Offits. Hig/kg | | | | Date | Date | |
|----------------------------|------------------|----------------|-----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| Client ID: | GMW10-40 | | | | | |
| Laboratory ID: | 11-324-08 | | | | | |
| Vinyl Chloride | ND | 0.0011 | EPA 8260D | 11-30-24 | 11-30-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.0011 | EPA 8260D | 11-30-24 | 11-30-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.0011 | EPA 8260D | 11-30-24 | 11-30-24 | |
| 1,2-Dichloroethane | ND | 0.0011 | EPA 8260D | 11-30-24 | 11-30-24 | |
| Trichloroethene | ND | 0.0011 | EPA 8260D | 11-30-24 | 11-30-24 | |
| Tetrachloroethene | 0.030 | 0.0011 | EPA 8260D | 11-30-24 | 11-30-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 108 | 69-124 | | | | |
| Toluene-d8 | 99 | 80-118 | | | | |
| 4-Bromofluorobenzene | 101 | 75-123 | | | | |
| | | | | | | |
| | | | | | | |
| Client ID: | GMW10-55 | | | | | |
| Laboratory ID: | 11-324-11 | | | | | |
| Vinyl Chloride | ND | 0.0013 | EPA 8260D | 11-30-24 | 11-30-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.0013 | EPA 8260D | 11-30-24 | 11-30-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.0013 | EPA 8260D | 11-30-24 | 11-30-24 | |
| 1,2-Dichloroethane | ND | 0.0013 | EPA 8260D | 11-30-24 | 11-30-24 | |
| Trichloroethene | ND | 0.0013 | EPA 8260D | 11-30-24 | 11-30-24 | |
| Tetrachloroethene | 0.014 | 0.0013 | EPA 8260D | 11-30-24 | 11-30-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 110 | 69-124 | | | | |
| Toluene-d8 | 100 | 80-118 | | | | |
| 4-Bromofluorobenzene | 103 | 75-123 | | | | |
| | | | | | | |
| | | | | | | |
| Client ID: | GMW11-22 | | | | | |
| Laboratory ID: | 11-324-16 | | | | | |
| Vinyl Chloride | ND | 0.0010 | EPA 8260D | 11-30-24 | 11-30-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.0010 | EPA 8260D | 11-30-24 | 11-30-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.0010 | EPA 8260D | 11-30-24 | 11-30-24 | |
| 1,2-Dichloroethane | ND | 0.0010 | EPA 8260D | 11-30-24 | 11-30-24 | |
| Trichloroethene | ND | 0.0010 | EPA 8260D | 11-30-24 | 11-30-24 | |
| Tetrachloroethene | ND | 0.0010 | EPA 8260D | 11-30-24 | 11-30-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 110 | 69-124 | | | | |
| Toluene-d8 | 99 | 80-118 | | | | |
| 4-Bromofluorobenzene | 101 | 75-123 | | | | |

Laboratory Reference: 2411-324

Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D

Matrix: Soil Units: mg/kg

| | | | | Date | Date | |
|----------------------------|------------------|----------------|-----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| Client ID: | GMW11-55 | | | | | |
| Laboratory ID: | 11-324-23 | | | | | |
| Vinyl Chloride | ND | 0.0012 | EPA 8260D | 11-30-24 | 11-30-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.0012 | EPA 8260D | 11-30-24 | 11-30-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.0012 | EPA 8260D | 11-30-24 | 11-30-24 | |
| 1,2-Dichloroethane | ND | 0.0012 | EPA 8260D | 11-30-24 | 11-30-24 | |
| Trichloroethene | ND | 0.0012 | EPA 8260D | 11-30-24 | 11-30-24 | |
| Tetrachloroethene | 0.035 | 0.0012 | EPA 8260D | 11-30-24 | 11-30-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 111 | 69-124 | | | | |
| Toluene-d8 | 99 | 80-118 | | | | |
| 4-Bromofluorobenzene | 104 | 75-123 | | | | |

Laboratory Reference: 2411-324

Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

Matrix: Soil Units: mg/kg

| | | | | Date | Date | |
|----------------------------|------------------|----------------|-----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB1130S1 | | | | | |
| Vinyl Chloride | ND | 0.0010 | EPA 8260D | 11-30-24 | 11-30-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.0010 | EPA 8260D | 11-30-24 | 11-30-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.0010 | EPA 8260D | 11-30-24 | 11-30-24 | |
| 1,2-Dichloroethane | ND | 0.0010 | EPA 8260D | 11-30-24 | 11-30-24 | |
| Trichloroethene | ND | 0.0010 | EPA 8260D | 11-30-24 | 11-30-24 | |
| Tetrachloroethene | ND | 0.0010 | EPA 8260D | 11-30-24 | 11-30-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 105 | 69-124 | | | | |
| Toluene-d8 | 99 | 80-118 | | | | |
| 4-Bromofluorobenzene | 101 | 75-123 | | | | |
| | | | | | | |

| | | | | | Per | cent | Recovery | | RPD | |
|----------------------------|--------|--------|--------|-------------|-----|-------|----------|-----|-------|-------|
| Analyte | Result | | Spike | Spike Level | | overy | Limits | RPD | Limit | Flags |
| SPIKE BLANKS | | | | | | | | | | |
| Laboratory ID: | SB11 | 30S1 | | | | | | | | |
| | SB | SBD | SB | SBD | SB | SBD | | | | |
| Vinyl Chloride | 0.0483 | 0.0471 | 0.0500 | 0.0500 | 97 | 94 | 52-141 | 3 | 20 | |
| (trans) 1,2-Dichloroethene | 0.0529 | 0.0526 | 0.0500 | 0.0500 | 106 | 105 | 74-131 | 1 | 15 | |
| (cis) 1,2-Dichloroethene | 0.0542 | 0.0535 | 0.0500 | 0.0500 | 108 | 107 | 71-136 | 1 | 15 | |
| 1,2-Dichloroethane | 0.0536 | 0.0531 | 0.0500 | 0.0500 | 107 | 106 | 70-133 | 1 | 15 | |
| Trichloroethene | 0.0552 | 0.0545 | 0.0500 | 0.0500 | 110 | 109 | 80-130 | 1 | 15 | |
| Tetrachloroethene | 0.0574 | 0.0577 | 0.0500 | 0.0500 | 115 | 115 | 80-130 | 1 | 15 | |
| Surrogate: | | | | | | | | | | |
| Dibromofluoromethane | | | | | 101 | 103 | 69-124 | | | |
| Toluene-d8 | | | | | 98 | 98 | 80-118 | | | |
| 4-Bromofluorobenzene | | | | | 101 | 102 | 75-123 | | | |

Laboratory Reference: 2411-324 Project: 02-0266-A

% MOISTURE

| Client ID | Lab ID | % Moisture | Date Analyzed |
|-----------|-----------|------------|------------------|
| GMW10-11 | 11-324-03 | 9 | 11-27-24 |
| GMW10-40 | 11-324-08 | 10 | 11-27-24 |
| GMW10-55 | 11-324-11 | 27 | 11-27-24 |
| GMW11-22 | 11-324-16 | 8 | 11-27-24 |
| GMW11-55 | 11-324-23 | 20 | 11-27-24 |



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



Environmental Inc. Analytical Laboratory Testing Services 14648 NE 95th Street • Redmond, WA 98052

Chain of Custody

| Revie | Received | Relin | Received | Relin | Received | Relin | | 2 | 8 | 00 | 7 | 6 | S | ے | w | 2 | - | Lab ID | Sample | | Projec | , ja | Compa | |
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| | | | | 4. Joanna | Al Janes | Symple of the State of the Stat | Signature | b | 5 | 0 | | 0 | | 0 | | | | Sample Identification | | mick Liz Rachman | Relievue Wong Williamens | A | MOES NIM | Analytical Laboratory Testing Services 14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com |
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| ic Data | Level IV | P | 100 | | RA | trans | | | | | | | | | | | | HEM (| oil and | grease) | 1664 | | | |
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Chain of Custody

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| Chromatograms with final report IX | ta Package: Standard | - | | | | | | Comments/Special Instructions | | | | | | | | | | | | (with lo PAHs 8: PCBs 8 Organo | 270/SIN 082 chlorine | // (low-le | ides 808 | | IM | 11-324 |
| | ard \(\) Level \(\) | 3 | | | | | | tructions | | | | | | | | | | | | Chlorina Total RC Total MT | RA Me | id Herbi | | | | |
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Chain of Custody

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| 622 | AMWW-21 | 9MW11-5P | Company: Attos Geosciance NID Project Number: O7-0766-A Project Name: Bellevil Well Clanes Project Manager: Wellah Poyshick, Liz Rachman Sampled by: Lab 10 Sample Identification | Analytical Laboratory Testing Services 14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com |
|---|---------|------------|---|--|
| Company AHAS MAHA Reviewed/Date | 1510 | 11/21 1444 | (Check One) Same Day 2 Days X Standard (7 Days) Date Time Sampled Sampled 1 | Turnaround Request (in working days) |
| Date Time 11/2/24 2:3 11/21/41 3:3 | | 8 | NWTPH-HCID NWTPH-Gx/BTEX (8021 8260) NWTPH-Gx NWTPH-Dx (SG Clean-up) Volatiles 8260 | Laboratory Number: |
| Comments/Special Instructions 20 20 S2 Data Package: Standard I Level III Level IV Chromatograms with final report IN Electronic Data Deliverables (FDDs) III | | | EDB EPA 8011 (Waters Only) Semivolatiles 8270/SIM (with low-level PAHs) PAHs 8270/SIM (low-level) PCBs 8082 Organochlorine Pesticides 8081 Organophosphorus Pesticides 8270/SIM Chlorinated Acid Herbicides 8151 Total RCRA Metals Total MTCA Metals TCLP Metals HEM (oil and grease) 1664 | ber: 11-324 |



December 5, 2024

Megan Poysnick Atlas GeoSciences NW PO Box 1009 Sumner, WA 98390

Re: Analytical Data for Project 02-0266-A Laboratory Reference No. 2411-342

Dear Megan:

Enclosed are the analytical results and associated quality control data for samples submitted on November 25, 2024.

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

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

Sincerely,

David Baumeister Project Manager

Enclosures

Laboratory Reference: 2411-342

Project: 02-0266-A

Case Narrative

Samples were collected on November 22, 2024 and received by the laboratory on November 25, 2024. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below. However the soil results for the QA/QC samples are reported on a wet-weight basis.

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

Volatiles EPA 8260D Analysis

The MTCA Method A cleanup levels for Trichloroethene and Tetrachloroethene are not achievable for sample GMW13-22 due to the necessary dilution of the sample.

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

Laboratory Reference: 2411-342

Project: 02-0266-A

GASOLINE RANGE ORGANICS NWTPH-Gx

Matrix: Soil

Units: mg/kg (ppm)

| | | | | Date | Date | |
|----------------|------------------|----------------|----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| Client ID: | GMW13-5 | | | | | |
| Laboratory ID: | 11-342-11 | | | | | |
| Gasoline | ND | 5.5 | NWTPH-Gx | 11-27-24 | 11-27-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Fluorobenzene | 106 | 62-134 | | | | |
| Client ID: | GMW13-22 | | | | | |
| Laboratory ID: | 11-342-18 | | | | | |
| Gasoline | 3400 | 55 | NWTPH-Gx | 11-27-24 | 11-27-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Fluorobenzene | 119 | 62-134 | | | | |

Laboratory Reference: 2411-342

Project: 02-0266-A

GASOLINE RANGE ORGANICS NWTPH-Gx QUALITY CONTROL

Matrix: Soil

Units: mg/kg (ppm)

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|----------------|------------------|----------------|----------|------------------|------------------|-------|
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB1127S1 | | | | | |
| Gasoline | ND | 5.0 | NWTPH-Gx | 11-27-24 | 11-27-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Fluorobenzene | 104 | 62-134 | | | | |

| Analyte | Res | sult | Spike | Level | Source Result | Percent Recovery | Recovery Limits | RPD | RPD Limit | Flags |
|----------------|-------|-------|-------|-------|------------------|---------------------|--------------------|-----|--------------|-------|
| DUPLICATE | | | | | | | | | | |
| Laboratory ID: | 11-28 | 34-20 | | | | | | | | |
| | ORIG | DUP | | | | | | | | |
| Gasoline | ND | ND | NA | NA | | NA | NA | NA | 30 | |
| Surrogate: | | | | | | | | | | |
| Fluorobenzene | | | | | | 90 104 | 62-134 | | | |

Laboratory Reference: 2411-342

Project: 02-0266-A

DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx

Matrix: Soil

Units: mg/Kg (ppm)

| | | | | Date | Date | |
|-------------------------|------------------|----------------|----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| Client ID: | B10-31 | | | | | |
| Laboratory ID: | 11-342-09 | | | | | |
| Diesel Range Organics | ND | 26 | NWTPH-Dx | 11-27-24 | 11-27-24 | |
| Lube Oil Range Organics | ND | 53 | NWTPH-Dx | 11-27-24 | 11-27-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| o-Terphenyl | 79 | 50-150 | | | | |
| | | | | | | |
| Client ID: | B10-35 | | | | | |
| Laboratory ID: | 11-342-10 | | | | | |
| Diesel Range Organics | ND | 28 | NWTPH-Dx | 11-27-24 | 11-27-24 | |
| Lube Oil Range Organics | ND | 57 | NWTPH-Dx | 11-27-24 | 11-27-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| o-Terphenyl | 85 | 50-150 | | | | |
| | | | | | | |
| Client ID: | GMW13-5 | | | | | |
| Laboratory ID: | 11-342-11 | | | | | |
| Diesel Range Organics | ND | 27 | NWTPH-Dx | 11-27-24 | 11-27-24 | |
| Lube Oil Range Organics | ND | 55 | NWTPH-Dx | 11-27-24 | 11-27-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| o-Terphenyl | 86 | 50-150 | | | | |
| | | | | | | |
| Client ID: | GMW13-22 | | | | | |
| Laboratory ID: | 11-342-18 | | | | | |
| Diesel Fuel #2 | 540 | 28 | NWTPH-Dx | 11-27-24 | 11-27-24 | |
| Lube Oil Range Organics | ND | 56 | NWTPH-Dx | 11-27-24 | 11-27-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| o-Terphenyl | 91 | 50-150 | | | | |
| | | | | | | |

Laboratory Reference: 2411-342

Project: 02-0266-A

DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx QUALITY CONTROL

Matrix: Soil

Units: mg/Kg (ppm)

| | | | | Date | Date | |
|-------------------------|------------------|----------------|----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| METHOD BLANK | | | | | | _ |
| Laboratory ID: | MB1127S2 | | | | | |
| Diesel Range Organics | ND | 25 | NWTPH-Dx | 11-27-24 | 11-27-24 | |
| Lube Oil Range Organics | ND | 50 | NWTPH-Dx | 11-27-24 | 11-27-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| o-Terphenyl | 86 | 50-150 | | | | |

| | | | | | Source | Perd | cent | Recovery | | RPD | |
|----------------|-------|-------|-------|-------|--------|------|------|----------|-----|-------|-------|
| Analyte | Res | sult | Spike | Level | Result | Reco | very | Limits | RPD | Limit | Flags |
| DUPLICATE | | | | | | | | | | | |
| Laboratory ID: | 11-34 | 10-08 | | | | | | | | | |
| | ORIG | DUP | | | | | | | | | |
| Diesel Range | ND | ND | NA | NA | | N | Α | NA | NA | 40 | |
| Lube Oil Range | ND | ND | NA | NA | | N | Α | NA | NA | 40 | |
| Surrogate: | | | | | | | | | | | |
| o-Terphenyl | | | | | | 81 | 75 | 50-150 | | | |

Laboratory Reference: 2411-342

Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D

| Onits. mg/kg | | | | Date | Date | |
|----------------------------|------------------|----------------|-----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| Client ID: | B10-31 | | | | | |
| Laboratory ID: | 11-342-09 | | | | | |
| Vinyl Chloride | ND | 0.0010 | EPA 8260D | 12-2-24 | 12-2-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.0010 | EPA 8260D | 12-2-24 | 12-2-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.0010 | EPA 8260D | 12-2-24 | 12-2-24 | |
| 1,2-Dichloroethane | ND | 0.0010 | EPA 8260D | 12-2-24 | 12-2-24 | |
| Trichloroethene | ND | 0.0010 | EPA 8260D | 12-2-24 | 12-2-24 | |
| Tetrachloroethene | ND | 0.0010 | EPA 8260D | 12-2-24 | 12-2-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 107 | 69-124 | | | | |
| Toluene-d8 | 100 | 80-118 | | | | |
| 4-Bromofluorobenzene | 104 | 75-123 | | | | |
| | | | | | | |
| Client ID: | GMW13-5 | | | | | |
| Laboratory ID: | 11-342-11 | | | | | |
| Vinyl Chloride | ND | 0.0011 | EPA 8260D | 12-2-24 | 12-2-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.0011 | EPA 8260D | 12-2-24 | 12-2-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.0011 | EPA 8260D | 12-2-24 | 12-2-24 | |
| 1,2-Dichloroethane | ND | 0.0011 | EPA 8260D | 12-2-24 | 12-2-24 | |
| Trichloroethene | ND | 0.0011 | EPA 8260D | 12-2-24 | 12-2-24 | |
| Tetrachloroethene | ND | 0.0011 | EPA 8260D | 12-2-24 | 12-2-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 106 | 69-124 | | | | |
| Toluene-d8 | 99 | 80-118 | | | | |
| 4-Bromofluorobenzene | 103 | 75-123 | | | | |
| | | | | | | |
| Client ID: | GMW13-22 | | | | | |
| Laboratory ID: | 11-342-18 | | | | | |
| Vinyl Chloride | ND | 0.056 | EPA 8260D | 12-3-24 | 12-3-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.056 | EPA 8260D | 12-3-24 | 12-3-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.056 | EPA 8260D | 12-3-24 | 12-3-24 | |
| 1,2-Dichloroethane | ND | 0.056 | EPA 8260D | 12-3-24 | 12-3-24 | |
| Trichloroethene | ND | 0.056 | EPA 8260D | 12-3-24 | 12-3-24 | |
| Tetrachloroethene | ND | 0.056 | EPA 8260D | 12-3-24 | 12-3-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 88 | 69-124 | | | | |
| Toluene-d8 | 99 | 80-118 | | | | |
| 4-Bromofluorobenzene | 101 | 75-123 | | | | |
| | | | | | | |

Laboratory Reference: 2411-342

Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D

| | | | | Date | Date | |
|----------------------------|------------------|----------------|-----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| Client ID: | GMW13-65 | | | | | |
| Laboratory ID: | 11-342-28 | | | | | |
| Vinyl Chloride | ND | 0.0014 | EPA 8260D | 12-2-24 | 12-2-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.0014 | EPA 8260D | 12-2-24 | 12-2-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.0014 | EPA 8260D | 12-2-24 | 12-2-24 | |
| 1,2-Dichloroethane | ND | 0.0014 | EPA 8260D | 12-2-24 | 12-2-24 | |
| Trichloroethene | ND | 0.0014 | EPA 8260D | 12-2-24 | 12-2-24 | |
| Tetrachloroethene | ND | 0.0014 | EPA 8260D | 12-2-24 | 12-2-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 102 | 69-124 | | | | |
| Toluene-d8 | 100 | 80-118 | | | | |
| 4-Bromofluorobenzene | 104 | 75-123 | | | | |

Laboratory Reference: 2411-342

Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

| | | | | Date | Date | |
|----------------------------|------------------|----------------|-----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| METHOD BLANK | | | | | | _ |
| Laboratory ID: | MB1202S1 | | | | | |
| Vinyl Chloride | ND | 0.0010 | EPA 8260D | 12-2-24 | 12-2-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.0010 | EPA 8260D | 12-2-24 | 12-2-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.0010 | EPA 8260D | 12-2-24 | 12-2-24 | |
| 1,2-Dichloroethane | ND | 0.0010 | EPA 8260D | 12-2-24 | 12-2-24 | |
| Trichloroethene | ND | 0.0010 | EPA 8260D | 12-2-24 | 12-2-24 | |
| Tetrachloroethene | ND | 0.0010 | EPA 8260D | 12-2-24 | 12-2-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 106 | 69-124 | | | | |
| Toluene-d8 | 99 | 80-118 | | | | |
| 4-Bromofluorobenzene | 102 | 75-123 | | | | |
| | | | | | | |
| Laboratory ID: | MB1203S1 | | | | | |
| Vinyl Chloride | ND | 0.0010 | EPA 8260D | 12-3-24 | 12-3-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.0010 | EPA 8260D | 12-3-24 | 12-3-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.0010 | EPA 8260D | 12-3-24 | 12-3-24 | |
| 1,2-Dichloroethane | ND | 0.0010 | EPA 8260D | 12-3-24 | 12-3-24 | |
| Trichloroethene | ND | 0.0010 | EPA 8260D | 12-3-24 | 12-3-24 | |
| Tetrachloroethene | ND | 0.0010 | EPA 8260D | 12-3-24 | 12-3-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 95 | 69-124 | | | | |
| Toluene-d8 | 102 | 80-118 | | | | |
| 4-Bromofluorobenzene | 107 | 75-123 | | | | |

Laboratory Reference: 2411-342

Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

| | | | | | Per | cent | Recovery | | RPD | |
|----------------------------|--------|--------|--------|--------|------|-------|----------|-----|-------|-------|
| Analyte | Res | sult | Spike | Level | Reco | overy | Limits | RPD | Limit | Flags |
| SPIKE BLANKS | | | | | | | | | | |
| Laboratory ID: | SB12 | 02S1 | | | | | | | | |
| | SB | SBD | SB | SBD | SB | SBD | | | | |
| Vinyl Chloride | 0.0510 | 0.0501 | 0.0500 | 0.0500 | 102 | 100 | 52-141 | 2 | 20 | |
| (trans) 1,2-Dichloroethene | 0.0542 | 0.0542 | 0.0500 | 0.0500 | 108 | 108 | 74-131 | 0 | 15 | |
| (cis) 1,2-Dichloroethene | 0.0557 | 0.0548 | 0.0500 | 0.0500 | 111 | 110 | 71-136 | 2 | 15 | |
| 1,2-Dichloroethane | 0.0573 | 0.0560 | 0.0500 | 0.0500 | 115 | 112 | 70-133 | 2 | 15 | |
| Trichloroethene | 0.0539 | 0.0558 | 0.0500 | 0.0500 | 108 | 112 | 80-130 | 3 | 15 | |
| Tetrachloroethene | 0.0556 | 0.0571 | 0.0500 | 0.0500 | 111 | 114 | 80-130 | 3 | 15 | |
| Surrogate: | | | | | | | | | | |
| Dibromofluoromethane | | | | | 106 | 104 | 69-124 | | | |
| Toluene-d8 | | | | | 100 | 98 | 80-118 | | | |
| 4-Bromofluorobenzene | | | | | 103 | 103 | 75-123 | | | |
| Laboratory ID: | SB12 | 03S1 | | | | | | | | |
| | SB | SBD | SB | SBD | SB | SBD | | | | |
| Vinyl Chloride | 0.0551 | 0.0531 | 0.0500 | 0.0500 | 110 | 106 | 52-141 | 4 | 20 | |
| (trans) 1,2-Dichloroethene | 0.0505 | 0.0488 | 0.0500 | 0.0500 | 101 | 98 | 74-131 | 3 | 15 | |
| (cis) 1,2-Dichloroethene | 0.0510 | 0.0500 | 0.0500 | 0.0500 | 102 | 100 | 71-136 | 2 | 15 | |
| 1,2-Dichloroethane | 0.0481 | 0.0480 | 0.0500 | 0.0500 | 96 | 96 | 70-133 | 0 | 15 | |
| Trichloroethene | 0.0536 | 0.0520 | 0.0500 | 0.0500 | 107 | 104 | 80-130 | 3 | 15 | |
| Tetrachloroethene | 0.0526 | 0.0525 | 0.0500 | 0.0500 | 105 | 105 | 80-130 | 0 | 15 | |
| Surrogate: | | | | | | | | | | |
| Dibromofluoromethane | | | | | 96 | 96 | 69-124 | | | |
| Toluene-d8 | | | | | 102 | 100 | 80-118 | | | |
| 4-Bromofluorobenzene | | | | | 107 | 104 | 75-123 | | | |

Laboratory Reference: 2411-342 Project: 02-0266-A

% MOISTURE

| Client ID | Lab ID | % Moisture | Date Analyzed |
|-----------|-----------|------------|------------------|
| B10-31 | 11-342-09 | 5 | 11-27-24 |
| B10-35 | 11-342-10 | 12 | 11-27-24 |
| GMW13-5 | 11-342-11 | 8 | 11-27-24 |
| GMW13-22 | 11-342-18 | 10 | 11-27-24 |
| GMW13-65 | 11-342-28 | 23 | 11-27-24 |



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



Environmental Inc. Analytical Laboratory Testing Services 14648 NE 95th Street • Redmond, WA 98052

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| Reviewed/Date | Received | Relinquished | Received | Relinquished | Received | Relinquished SAMALOWA | Signature | B10-35 | 9 GMM 2-3+ 70-31 | 8 PHAT2-30 \$10-80 | 7 SMMHZ 21 80-27 | 6 GMM2 - 25 \$10-25 | 5 GMW17-22 2710-22 | 9 BANNIT-18 BIC-20 | 3 GANDAN \$10-12 | 2 GAMMIZ-6 Kio-Q | 1 GARAGE - 2-210-7 = | ition | Kuth mag are | Project Manager: Megan Poysnick, Liz Radhman | Bellewe Way Chenners | 02-0266-A | Period Number | Phone: (425) 883-3881 • www.onsite-env.com |
|---|---|--------------|---------------------|--------------|---------------|-----------------------|-------------------------------|------------|------------------|--------------------|------------------|---------------------|--------------------|--------------------|------------------|------------------|----------------------|--|---|--|--|----------------|----------------|--|
| Reviewed/Date | | | | Mode | Span | Alles | Company | A 1301 A A | 1259 | 1257 | 1255 | 1244 | 1241 | 1236 | 1233 | 1222 | 11/22 1219 8 5 | Date Time Esampled Sampled Matrix N | (other) | Containe | Standard (7 Days) | 2 Days 3 Days | Same Day 1 Day | (Check One) |
| | | | 11/2/m pas | 1/25/24 1255 | 11/25/24 1454 | 11/25/24 0954 | Date Time | 8 | 8 | | | | | | | | | NWTP NWTP Volatile Haloge | H-Gx/ H-Gx H-Dx es 826 | BTEX (80 | in-up □ | (A) | | |
| Chromatograms with final report \$\forall Electronic Data Deliverables (EDDs) \$\forall T\$ | Data Package: Standard X Level III ☐ Level IV ☐ | | of hider illary (A) | | NC 1/2/XH | 0 | Comments/Special Instructions | | | | | | | | • | | | Semive (with le PAHs & PCBs Organe Organe Chlorin Total R Total M TCLP M | polatiles ow-lev- 3270/S 8082 pochlori ated A CCRA M TCA M | 8270/Siel PAHs) IM (low- ne Pesti ohorus P Acid Heri | iM level) cides 86 esticides bicides | 081 es 8270 | /SIM | |
| s (EDDs) X | | | | | | 72 | | (×) | 8 | | | | | | | | | % Mois | sture | | | | | |



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| Chromatograms with final report \ Electronic Data Deliverables (EDDs) | | Reviewed/Date | пемемедиате |
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| Data Package: Standard 🖳 Level III 🗆 Level IV 🗆 | | | Doublesod Train |
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| Comments/Special Instructions | Date Time | Company | Signature M |
| | | W 11431 V. L | 30 6MW 13-27 |
| | | 1434 | 19 GMW 13-25 |
| | (S) (S) | 1428 | 6 MW 13. |
| | | lylo | 17 GMW13-20 |
| | | 8041 | 0 |
| | | 1405 | 6MW 13 |
| | | 1352 4 | 14 BMW 13-10 |
| | | 1550 | 13 GMW 13-9 |
| | | 1348 | 2 GMW 13-6 |
| | S S S | 11/12 1346 5 5 | |
| Organo | NWTPI NWTPI NWTPI Volatile Haloge | Time Sampled Matrix | Identification |
| ww-leve i270/Si i270/S | H-HCIE H-Gx/E H-Gx H-Dx (Ses 8260 | (other) | Buth Nagoria. |
| I PAHs) M (low- ne Pesti norus P cid Herl etals etals | BTEX (8 | ontain | Megan Paysinick, Liz Rachiman |
| esticides 80 | 021 8 an-up] | Standard (7 Days) | Project Manager Bellevive Way Clowners |
| s 8270/ | | 2 Days 3 Days | 62-0766-A |
| /SIM | | Same Day 1 Day | Atlas Reosciences NW |
| | | (Check One) | Company: |
| 11-342 | Laboratory Number: | Turnaround Request (in working days) | Analytical Laboratory lesting Services 14648 NE 95th Street • Redmond, WA 98052 |



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| noviewed Edite | Reviewed/Date | Received | Relinquished | Position | Heceived , C | Relinquished | Signature | | | | 2012 3-155 | 27 GMW 13-61 | 16 GMW 13 - 60 | 5 MW 1 | 7 PMW13-50 | 3 8 MW 13-45 | SMW 1 | 21 Gow 13-36 | Lab ID Sample Identification | Ruthilageure | Meyon Polysnick, Liz Rown man | Project Manager: BELLEVILE WOW) She owners | 02-0266-A | Project Number: | 14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com |
|---|---|----------|----------------|---------------|--|--------------|-------------------------------|---|----|-------|------------|--------------|----------------|--------|------------|--------------|-------|----------------|--|---|---|--|---------------|--|---|
| Reviewed/Date | | | 180 | 2000 | The state of the s | AH as | Company | 4 | ~~ | 7.194 | 11:10 | 1624 | 1604 | 1542 | 1524 | 1807 | 1505 | 11/22 1455 5 5 | Date Time Sampled Sampled Matrix | (other) | ontain | Standard (7 Days) | 2 Days 3 Days | Same Day 1 Day | (Check One) |
| 0 | | | 11/espay 1/288 | 11/25/24 /255 | 11/85/24 10954 | 172924 0954 | Date Time | | | 8 | 3 | | | | | | | | NWTP NWTP NWTP Volatile Haloge | H-HCIU H-Gx/E H-Gx H-Dx (\$es 8260 enated PA 801 | BTEX (8 BG Clean | 021 82 8n-up () s 8260 (rs Only) | | 300 S (00) S (00 | Laboratory Number: |
| Chromatograms with final report 🗓 Electronic Data Deliverables (EDDs) | Data Package: Standard 🕅 Level III 🗆 Level IV 🗆 | | | | | | Comments/Special Instructions | | | (X | | | | | | | | | (with lo PAHs 8 PCBs 8 Organo | w-leve leve leve leve leve leve leve leve | M (low- e Pestionorus P cid Hert etals | level) cides 80 esticides bicides 8 | 8270/ | SIM | 11-342 |

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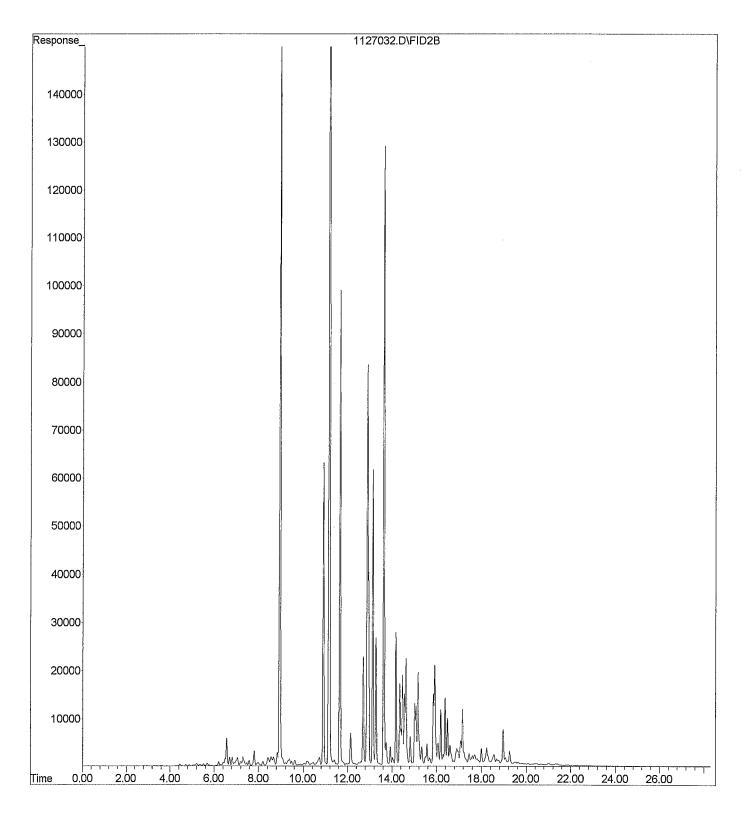
Operator

Acquired: 28 Nov 2024 6:49 using AcqMethod 241025S.M

Instrument : Daryl

Sample Name: 11-342-18s 1:500

Misc Info : Vial Number: 32

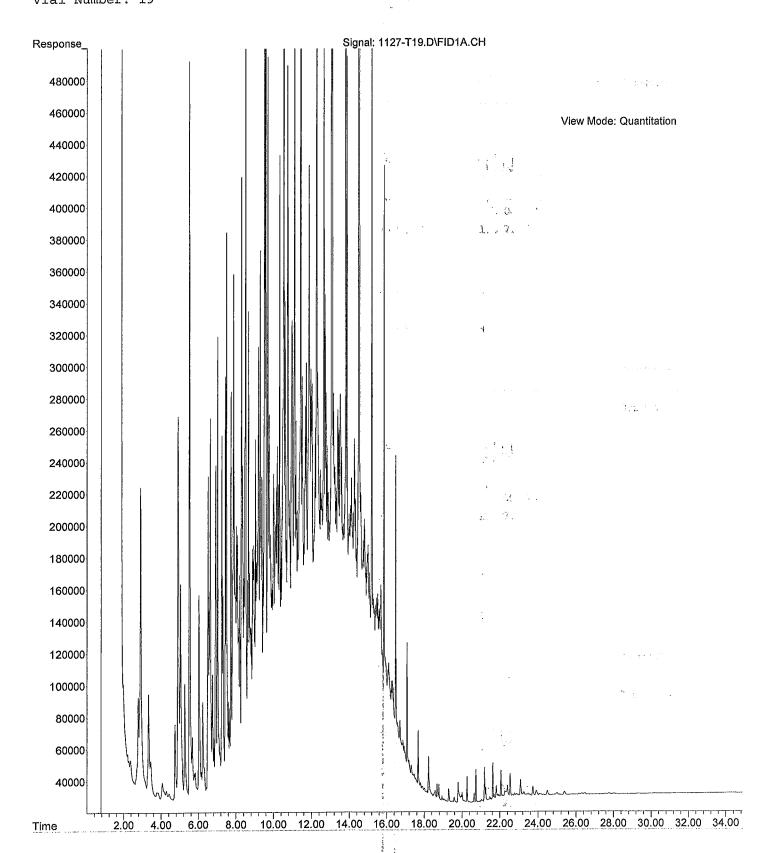


File :X:\DIESELS\Teri\Data\T241127\1127-T19.D

Operator : LW

Acquired : 27 Nov 2024 22:19 using AcqMethod T231127F.M

Instrument: Teri
Sample Name: 11-342-18
Misc Info: Sample
Vial Number: 19





December 12, 2024

Megan Poysnick Atlas GeoSciences NW PO Box 1009 Sumner, WA 98390

Re: Analytical Data for Project 02-0266-A Laboratory Reference No. 2412-053

Dear Megan:

Enclosed are the analytical results and associated quality control data for samples submitted on December 5, 2024.

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

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

Sincerely,

David Baumeister Project Manager

Enclosures

Project: 02-0266-A

Case Narrative

Samples were collected on December 3 and 4, 2024 and received by the laboratory on December 5, 2024. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below. However the soil results for the QA/QC samples are reported on a wet-weight basis.

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

Project: 02-0266-A

GASOLINE RANGE ORGANICS NWTPH-Gx

Matrix: Water Units: ug/L (ppb)

| | | | | Date | Date | |
|----------------|------------------|----------------|----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| Client ID: | GMW13 | | | | | |
| Laboratory ID: | 12-053-04 | | | | | |
| Gasoline | 510 | 100 | NWTPH-Gx | 12-9-24 | 12-9-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Fluorobenzene | 84 | 61-122 | | | | |

Laboratory Reference: 2412-053

Project: 02-0266-A

GASOLINE RANGE ORGANICS NWTPH-Gx QUALITY CONTROL

Matrix: Water Units: ug/L (ppb)

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|----------------|------------------|----------------|----------|------------------|------------------|-------|
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB1209W1 | | | | | |
| Gasoline | ND | 100 | NWTPH-Gx | 12-9-24 | 12-9-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Fluorobenzene | 104 | 61-122 | | | | |

| Analyte | Res | sult | Spike | Level | Source Result | Percent Recovery | Recovery Limits | RPD | RPD Limit | Flags |
|----------------|-------|-------|-------|-------|------------------|---------------------|--------------------|-----|--------------|-------|
| DUPLICATE | | | | | | | | | | |
| Laboratory ID: | 11-27 | 77-04 | | | | | | | | |
| | ORIG | DUP | | | | | | | | |
| Gasoline | ND | ND | NA | NA | | NA | NA | NA | 30 | |
| Surrogate: | | | | | | | | | | |
| Fluorobenzene | | | | | | 108 103 | 61-122 | | | |

Fluorobenzene

Laboratory Reference: 2412-053

Project: 02-0266-A

DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx

Matrix: Water Units: ug/L (ppb)

| | | | | Date | Date | |
|-------------------------|------------------|----------------|----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| Client ID: | GMW13 | | | | | |
| Laboratory ID: | 12-053-04 | | | | | |
| Diesel Range Organics | ND | 200 | NWTPH-Dx | 12-6-24 | 12-9-24 | _ |
| Lube Oil Range Organics | ND | 200 | NWTPH-Dx | 12-6-24 | 12-9-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| o-Terphenyl | 97 | 50-150 | | | | |

Laboratory Reference: 2412-053

Project: 02-0266-A

DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx QUALITY CONTROL

Matrix: Water Units: ug/L (ppb)

| | | | | Date | Date | |
|-------------------------|------------------|----------------|----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB1206W1 | | | | | |
| Diesel Range Organics | ND | 150 | NWTPH-Dx | 12-6-24 | 12-6-24 | |
| Lube Oil Range Organics | ND | 150 | NWTPH-Dx | 12-6-24 | 12-6-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| o-Terphenyl | 126 | 50-150 | | | | |

| | | | | | Source | Percent | Recovery | | RPD | |
|----------------|------|------|----------|-------------|--------|----------|----------|-----|-------|-------|
| Analyte | Res | sult | Spike Le | Spike Level | | Recovery | Limits | RPD | Limit | Flags |
| DUPLICATE | | | | | | | | | | |
| Laboratory ID: | SB12 | 06W1 | | | | | | | | |
| | ORIG | DUP | | | | | | | | |
| Diesel Fuel #2 | 516 | 470 | NA | NA | | NA | NA | 9 | 40 | |
| Surrogate: | | | | | | | | | | |

o-Terphenyl 110 110 50-150

Laboratory Reference: 2412-053

Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D

Matrix: Water Units: ug/L

| Offics. ug/L | | | | Date | Date | |
|----------------------------|------------------|----------------|-----------|----------|--------------------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| Client ID: | GMW7 | | | - | | |
| Laboratory ID: | 12-053-01 | | | | | |
| Vinyl Chloride | ND | 1.0 | EPA 8260D | 12-9-24 | 12-9-24 | |
| (trans) 1,2-Dichloroethene | ND | 1.0 | EPA 8260D | 12-9-24 | 12-9-24 | |
| (cis) 1,2-Dichloroethene | ND | 1.0 | EPA 8260D | 12-9-24 | 12-9-24 | |
| Trichloroethene | ND | 1.0 | EPA 8260D | 12-9-24 | 12-9-24 | |
| 1,1,2-Trichloroethane | ND | 1.0 | EPA 8260D | 12-9-24 | 12-9-24 | |
| Tetrachloroethene | 150 | 1.0 | EPA 8260D | 12-9-24 | 12-9-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 106 | 68-133 | | | | |
| Toluene-d8 | 100 | 79-123 | | | | |
| 4-Bromofluorobenzene | 92 | 78-117 | | | | |
| | | | | | | |
| | | | | | | |
| Client ID: | GMW5 | | | | | |
| Laboratory ID: | 12-053-02 | | | | | |
| Vinyl Chloride | ND | 1.0 | EPA 8260D | 12-9-24 | 12-9-24 | |
| (trans) 1,2-Dichloroethene | ND | 1.0 | EPA 8260D | 12-9-24 | 12-9-24 | |
| (cis) 1,2-Dichloroethene | ND | 1.0 | EPA 8260D | 12-9-24 | 12-9-24 | |
| Trichloroethene | ND | 1.0 | EPA 8260D | 12-9-24 | 12-9-24 | |
| 1,1,2-Trichloroethane | ND | 1.0 | EPA 8260D | 12-9-24 | 12-9-24 | |
| Tetrachloroethene | 160 | 1.0 | EPA 8260D | 12-9-24 | 12-9-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 108 | 68-133 | | | | |
| Toluene-d8 | 100 | 79-123 | | | | |
| 4-Bromofluorobenzene | 94 | 78-117 | | | | |
| | | | | | | |
| Client ID: | GMW8 | | | | | |
| Laboratory ID: | 12-053-03 | | | | | |
| Vinyl Chloride | ND | 1.0 | EPA 8260D | 12-9-24 | 12-9-24 | |
| (trans) 1,2-Dichloroethene | ND | 1.0 | EPA 8260D | 12-9-24 | 12-9-24 | |
| | ND ND | | | | 12-9-24 12-9-24 | |
| (cis) 1,2-Dichloroethene | | 1.0 | EPA 8260D | 12-9-24 | | |
| Trichloroethene | 1.2 | 1.0 | EPA 8260D | 12-9-24 | 12-9-24 | |
| 1,1,2-Trichloroethane | ND | 1.0 | EPA 8260D | 12-9-24 | 12-9-24 | |
| Tetrachloroethene | 270 | 2.0 | EPA 8260D | 12-11-24 | 12-11-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 113 | 68-133 | | | | |
| Toluene-d8 | 100 | 79-123 | | | | |
| 4-Bromofluorobenzene | 94 | 78-117 | | | | |

Laboratory Reference: 2412-053

Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D

Matrix: Water Units: ug/L

| | | | | Date | Date | |
|----------------------------|------------------|----------------|-----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| Client ID: | GMW13 | | | | | |
| Laboratory ID: | 12-053-04 | | | | | |
| Vinyl Chloride | ND | 1.0 | EPA 8260D | 12-9-24 | 12-9-24 | |
| (trans) 1,2-Dichloroethene | ND | 1.0 | EPA 8260D | 12-9-24 | 12-9-24 | |
| (cis) 1,2-Dichloroethene | ND | 1.0 | EPA 8260D | 12-9-24 | 12-9-24 | |
| Trichloroethene | ND | 1.0 | EPA 8260D | 12-9-24 | 12-9-24 | |
| 1,1,2-Trichloroethane | ND | 1.0 | EPA 8260D | 12-9-24 | 12-9-24 | |
| Tetrachloroethene | 150 | 1.0 | EPA 8260D | 12-9-24 | 12-9-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 108 | 68-133 | | | | |
| Toluene-d8 | 99 | 79-123 | | | | |
| 4-Bromofluorobenzene | 93 | 78-117 | | | | |

Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

Matrix: Water Units: ug/L

| | | | | Date | Date | |
|----------------------------|------------------|----------------|-----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB1209W1 | | | | | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 12-9-24 | 12-9-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 12-9-24 | 12-9-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 12-9-24 | 12-9-24 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 12-9-24 | 12-9-24 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 12-9-24 | 12-9-24 | |
| Tetrachloroethene | ND | 0.20 | EPA 8260D | 12-9-24 | 12-9-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 104 | 68-133 | | | | |
| Toluene-d8 | 100 | 79-123 | | | | |
| 4-Bromofluorobenzene | 92 | 78-117 | | | | |
| | | | | | | |
| Laboratory ID: | MB1211W1 | | | | | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 12-11-24 | 12-11-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 12-11-24 | 12-11-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 12-11-24 | 12-11-24 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 12-11-24 | 12-11-24 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 12-11-24 | 12-11-24 | |
| Tetrachloroethene | ND | 0.20 | EPA 8260D | 12-11-24 | 12-11-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 102 | 68-133 | | | | |
| Toluene-d8 | 100 | 79-123 | | | | |
| 4-Bromofluorobenzene | 96 | 78-117 | | | | |

Laboratory Reference: 2412-053

Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

Matrix: Water Units: ug/L

| | | | | | Source | Per | cent | Recovery | | RPD | |
|----------------------------|-------|-------|-------|-------|--------|-----|-------|----------|-----|-------|-------|
| Analyte | Res | sult | Spike | Level | Result | Rec | overy | Limits | RPD | Limit | Flags |
| MATRIX SPIKES | | | | | | | | | | | |
| Laboratory ID: | 12-11 | 15-01 | | | | | | | | | |
| | MS | MSD | MS | MSD | | MS | MSD | | | | |
| Vinyl Chloride | 10.3 | 10.3 | 10.0 | 10.0 | ND | 103 | 103 | 62-121 | 0 | 15 | |
| (trans) 1,2-Dichloroethene | 8.99 | 8.64 | 10.0 | 10.0 | ND | 90 | 86 | 79-120 | 4 | 16 | |
| (cis) 1,2-Dichloroethene | 9.01 | 8.88 | 10.0 | 10.0 | ND | 90 | 89 | 81-128 | 1 | 16 | |
| Trichloroethene | 9.32 | 8.97 | 10.0 | 10.0 | ND | 93 | 90 | 80-130 | 4 | 12 | |
| 1,1,2-Trichloroethane | 11.4 | 10.4 | 10.0 | 10.0 | ND | 114 | 104 | 76-126 | 9 | 16 | |
| Tetrachloroethene | 11.0 | 10.4 | 10.0 | 10.0 | ND | 110 | 104 | 84-126 | 6 | 19 | |
| Surrogate: | | | | | | | | | | | |
| Dibromofluoromethane | | | | | | 101 | 102 | 68-133 | | | |
| Toluene-d8 | | | | | | 101 | 101 | 79-123 | | | |
| 4-Bromofluorobenzene | | | | | | 98 | 98 | 78-117 | | | |
| SPIKE BLANKS | | | | | | | | | | | |
| Laboratory ID: | SB12 | 09W1 | | | | | | | | | |
| | SB | SBD | SB | SBD | | SB | SBD | | | | |
| Vinyl Chloride | 8.36 | 8.20 | 10.0 | 10.0 | | 84 | 82 | 67-130 | 2 | 15 | |
| (trans) 1,2-Dichloroethene | 8.27 | 8.48 | 10.0 | 10.0 | | 83 | 85 | 77-125 | 3 | 15 | |
| (cis) 1,2-Dichloroethene | 8.69 | 8.78 | 10.0 | 10.0 | | 87 | 88 | 78-130 | 1 | 15 | |
| Trichloroethene | 8.91 | 8.56 | 10.0 | 10.0 | | 89 | 86 | 80-126 | 4 | 15 | |
| 1,1,2-Trichloroethane | 10.7 | 10.6 | 10.0 | 10.0 | | 107 | 106 | 80-124 | 1 | 15 | |
| Tetrachloroethene | 11.1 | 10.8 | 10.0 | 10.0 | | 111 | 108 | 80-125 | 3 | 15 | |
| Surrogate: | | | | | | | | | | | |
| Dibromofluoromethane | | | | | | 100 | 104 | 68-133 | | | |
| Toluene-d8 | | | | | | 101 | 98 | 79-123 | | | |
| 4-Bromofluorobenzene | | | | | | 97 | 97 | 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



Environmental Inc. Analytical Laboratory Testing Services 14648 NE 95th Street • Redmond, WA 9805

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| | o, | STATE CO. |
| l | 1 | - |

| Reviewed/Date | Received | Relinquished | Received Shelow Til | Relinquished | Received | Relinquished | Signature | 2 | | | 4 GMW13 | 3 6MM8 | 2 GMWS | 1 61461 | Lab ID Sample Identification | sampled by: RIV r magana (a chasageanw-com | Megan Poysnick 1, 2 Bachman | Project Name: Reliance history cherchers | 2.0246-A | Project Number | Ferroce | 14648 NE 95th Street • Redmond, WA 98052 |
|---|--|--------------|---------------------|--------------|--------------------------------|---------------------|-------------------------------|---|--|--|------------------|---------------|------------------|---------------|---|--|---|---|----------------|----------------|-----------------|--|
| Reviewed/Date | | | el loss | mes my | Sec Sec | Atlas Geoccienes NW | Company | | | | 12/4 1039 warr | 142 1422 wave | 12/5 1135 Wester | 12/3 930 Wake | Date Time Sampled Sampled Matrix | W-COM (other) | lines | X Standard (7 Days) | 2 Days 3 Days | Same Day 1 Day | com (Check One) | 052 (in working days) |
| | | į | 14/9/24/1010 | 12/5/24 1010 | 12/5/24 0827 | 12/5/24 | Date Time | | | | 7 メ メ メ | X | 7 × | × | NWTP NWTP NWTP Volatile | PH-HCII PH-Gx/E PH-Gx PH-Dx (es 8260 enated | SG Clea | 021□ 8 an-up□ |) - L 1 € | ·- | | Laboratory Number: |
| Chromatograms with final report X Electronic Data Deliverables (EDDs) X | Data Package: Standard ※ Level Ⅲ ☐ Level Ⅳ ☐ | 1,2-10H. | Tage Transition | | X DCE. TCE. CIS.TRANS- 1.2 DCE | | Comments/Special Instructions | | | | | | | | Semiv (with Id PAHs Id PCBs Organd Organd Chlorin Total F Total M | olatiles ow-leve 8270/S 8082 ochlorin ophosp nated A RCRA M MTCA M Metals | 8270/S PAHs) IM (low- ne Pesti horus F cid Her | level) cides 80 Pesticides | 081 es 8270 | /SIM | | 12-053 |

File : X:\BTEX\HOPE\DATA\H241209\1209007.D

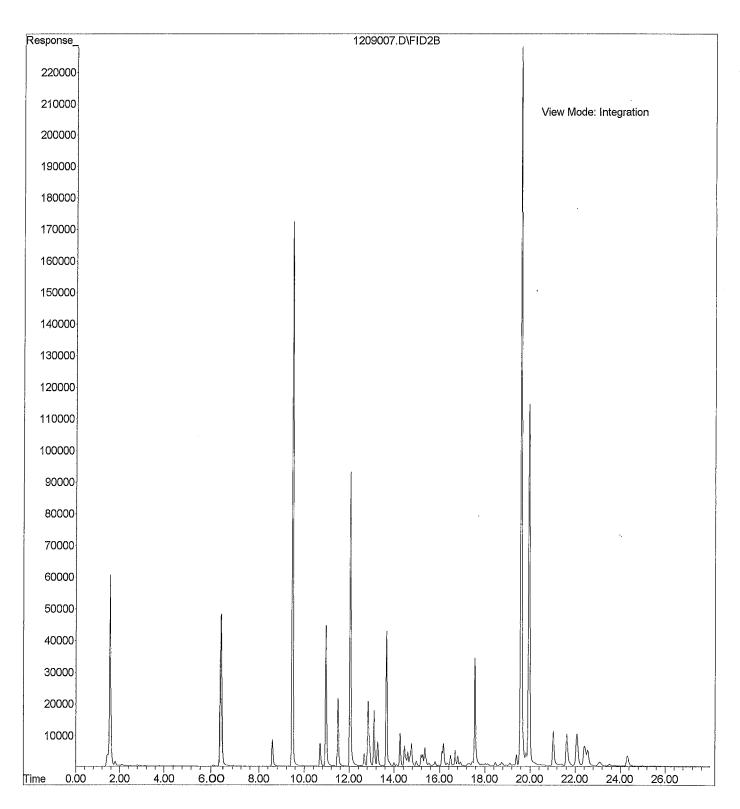
Operator

Acquired: 9 Dec 2024 14:47 using AcqMethod 241025SH.M

Instrument: Hope

Sample Name: $12 - 0\bar{5}3 - 04e$

Misc Info : Vial Number: 7





December 13, 2024

Megan Poysnick Atlas GeoSciences NW PO Box 1009 Sumner, WA 98390

Re: Analytical Data for Project 02-0266-A Laboratory Reference No. 2412-090

Dear Megan:

Enclosed are the analytical results and associated quality control data for samples submitted on December 6, 2024.

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

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

Sincerely,

David Baumeister Project Manager

Enclosures

Project: 02-0266-A

Case Narrative

Samples were collected on December 2, 2024 and received by the laboratory on December 6, 2024. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below. However the soil results for the QA/QC samples are reported on a wet-weight basis.

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

NWTPH-Gx Analysis

The gasoline result for sample GMW10 is attributed to a single peak (Tetrachloroethene).

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

Project: 02-0266-A

GASOLINE RANGE ORGANICS NWTPH-Gx

Matrix: Water Units: ug/L (ppb)

| | | | | Date | Date | |
|-------------------------|------------------|----------------|----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| Client ID: | GMW11 | | | | | |
| Laboratory ID: | 12-090-01 | | | | | |
| Gasoline | ND | 100 | NWTPH-Gx | 12-9-24 | 12-9-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Fluorobenzene | 82 | 61-122 | | | | |
| Client ID: | GMW10 | | | | | |
| Laboratory ID: | 12-090-04 | | | | | |
| Gasoline Range Organics | 200 | 100 | NWTPH-Gx | 12-9-24 | 12-9-24 | Z |
| Surrogate: | Percent Recovery | Control Limits | | · | | |
| Fluorobenzene | 110 | 61-122 | | | | |

Project: 02-0266-A

GASOLINE RANGE ORGANICS NWTPH-Gx QUALITY CONTROL

Matrix: Water Units: ug/L (ppb)

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|----------------|------------------|----------------|----------|------------------|------------------|-------|
| METHOD BLANK | | | | • | | |
| Laboratory ID: | MB1209W1 | | | | | |
| Gasoline | ND | 100 | NWTPH-Gx | 12-9-24 | 12-9-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Fluorobenzene | 104 | 61-122 | | | | |

| Analyte | Res | sult | Spike | Level | Source Result | Percent Recovery | Recovery Limits | RPD | RPD Limit | Flags |
|----------------|-------|-------|-------|-------|------------------|---------------------|--------------------|-----|--------------|-------|
| DUPLICATE | | | | | | | | | | |
| Laboratory ID: | 11-27 | 77-04 | | | | | | | | |
| | ORIG | DUP | | | | | | | | |
| Gasoline | ND | ND | NA | NA | | NA | NA | NA | 30 | |
| Surrogate: | | | | | | | | | | |
| Fluorobenzene | | | | | | 108 103 | 61-122 | | | |

Fluorobenzene

Project: 02-0266-A

DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx

Matrix: Water Units: ug/L (ppb)

| | | | | Date | Date | |
|-------------------------|------------------|----------------|----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| Client ID: | GMW11 | | | | | |
| Laboratory ID: | 12-090-01 | | | | | |
| Diesel Range Organics | ND | 220 | NWTPH-Dx | 12-12-24 | 12-12-24 | |
| Lube Oil Range Organics | ND | 220 | NWTPH-Dx | 12-12-24 | 12-12-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| o-Terphenyl | 94 | 50-150 | | | | |
| Client ID: | GMW10 | | | | | |
| Laboratory ID: | 12-090-04 | | | | | |
| Diesel Range Organics | ND | 220 | NWTPH-Dx | 12-12-24 | 12-12-24 | |
| Lube Oil Range Organics | ND | 220 | NWTPH-Dx | 12-12-24 | 12-12-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| o-Terphenyl | 100 | 50-150 | | | | |

Project: 02-0266-A

DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx QUALITY CONTROL

Matrix: Water Units: ug/L (ppb)

| | | | | Date | Date | |
|-------------------------|------------------|----------------|----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| METHOD BLANK | | | | | | _ |
| Laboratory ID: | MB1212W1 | | | | | |
| Diesel Range Organics | ND | 160 | NWTPH-Dx | 12-12-24 | 12-12-24 | _ |
| Lube Oil Range Organics | ND | 160 | NWTPH-Dx | 12-12-24 | 12-12-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| o-Terphenyl | 106 | 50-150 | | | | |

| | | | | | Source | Percent | Recovery | | RPD | |
|----------------|-------|--------|----|-------------|--------|----------|----------|-----------|-----|-------|
| Analyte | Res | Result | | Spike Level | | Recovery | Limits | RPD Limit | | Flags |
| DUPLICATE | | | | | | | | | | |
| Laboratory ID: | 12-09 | 90-01 | | | | | | | | |
| | ORIG | DUP | | | | | | | | |
| Diesel Range | ND | ND | NA | NA | | NA | NA | NA | 40 | |
| Lube Oil Range | ND | ND | NA | NA | | NA | NA | NA | 40 | |
| Surrogate: | | | | | | | | | | |
| o-Terphenyl | | | | | | 94 95 | 50-150 | | | |

Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D

Matrix: Water Units: ug/L

| | | | | Date | Date | |
|----------------------------|------------------|----------------|-----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| Client ID: | GMW11 | | | | | |
| Laboratory ID: | 12-090-01 | | | | | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 12-9-24 | 12-9-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 12-9-24 | 12-9-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 12-9-24 | 12-9-24 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 12-9-24 | 12-9-24 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 12-9-24 | 12-9-24 | |
| Tetrachloroethene | 1.3 | 0.20 | EPA 8260D | 12-9-24 | 12-9-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 107 | 68-133 | | | | |
| Toluene-d8 | 101 | 79-123 | | | | |
| 4-Bromofluorobenzene | 96 | 78-117 | | | | |
| Client ID: | GMW4 | | | | | |
| Laboratory ID: | 12-090-02 | | | | | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 12-9-24 | 12-9-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 12-9-24 | 12-9-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 12-9-24 | 12-9-24 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 12-9-24 | 12-9-24 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 12-9-24 | 12-9-24 | |
| Tetrachloroethene | 2.7 | 0.20 | EPA 8260D | 12-9-24 | 12-9-24 | |
| Surrogate: | Percent Recovery | Control Limits | 2.7.02002 | 12 0 21 | 12021 | |
| Dibromofluoromethane | 108 | 68-133 | | | | |
| Toluene-d8 | 100 | 79-123 | | | | |
| 4-Bromofluorobenzene | 93 | 78-117 | | | | |
| | | | | | | |
| Client ID: | GMW6 | | | | | |
| Laboratory ID: | 12-090-03 | | | | | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 12-9-24 | 12-9-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 12-9-24 | 12-9-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 12-9-24 | 12-9-24 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 12-9-24 | 12-9-24 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 12-9-24 | 12-9-24 | |
| Tetrachloroethene | 19 | 0.20 | EPA 8260D | 12-9-24 | 12-9-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 111 | 68-133 | | | | |
| Toluene-d8 | 100 | 79-123 | | | | |
| 4-Bromofluorobenzene | 93 | 78-117 | | | | |

Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D

Matrix: Water Units: ug/L

| | | | | Date | Date | |
|----------------------------|------------------|----------------|-----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| Client ID: | GMW10 | | | | | |
| Laboratory ID: | 12-090-04 | | | | | |
| Vinyl Chloride | ND | 1.0 | EPA 8260D | 12-9-24 | 12-9-24 | |
| (trans) 1,2-Dichloroethene | ND | 1.0 | EPA 8260D | 12-9-24 | 12-9-24 | |
| (cis) 1,2-Dichloroethene | ND | 1.0 | EPA 8260D | 12-9-24 | 12-9-24 | |
| Trichloroethene | ND | 1.0 | EPA 8260D | 12-9-24 | 12-9-24 | |
| 1,1,2-Trichloroethane | ND | 1.0 | EPA 8260D | 12-9-24 | 12-9-24 | |
| Tetrachloroethene | 200 | 1.0 | EPA 8260D | 12-9-24 | 12-9-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 107 | 68-133 | | | | |
| Toluene-d8 | 101 | 79-123 | | | | |
| 4-Bromofluorobenzene | 93 | 78-117 | | | | |
| | | | | | | |

Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

Matrix: Water Units: ug/L

| | | | | Date | Date | |
|----------------------------|------------------|----------------|-----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| METHOD BLANK | | | | | | _ |
| Laboratory ID: | MB1209W1 | | | | | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 12-9-24 | 12-9-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 12-9-24 | 12-9-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 12-9-24 | 12-9-24 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 12-9-24 | 12-9-24 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 12-9-24 | 12-9-24 | |
| Tetrachloroethene | ND | 0.20 | EPA 8260D | 12-9-24 | 12-9-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 104 | 68-133 | | | | |
| Toluene-d8 | 100 | 79-123 | | | | |
| 4-Bromofluorobenzene | 92 | 78-117 | | | | |

| | | | | | Per | cent | Recovery | | RPD | |
|----------------------------|-------|--------|------|-------------|-----|-------|----------|-----|-------|-------|
| Analyte | Res | Result | | Spike Level | | overy | Limits | RPD | Limit | Flags |
| SPIKE BLANKS | | | | | | | | | | |
| Laboratory ID: | SB120 | 09W1 | | | | | | | | |
| | SB | SBD | SB | SBD | SB | SBD | | | | |
| Vinyl Chloride | 8.36 | 8.20 | 10.0 | 10.0 | 84 | 82 | 67-130 | 2 | 15 | |
| (trans) 1,2-Dichloroethene | 8.27 | 8.48 | 10.0 | 10.0 | 83 | 85 | 77-125 | 3 | 15 | |
| (cis) 1,2-Dichloroethene | 8.69 | 8.78 | 10.0 | 10.0 | 87 | 88 | 78-130 | 1 | 15 | |
| Trichloroethene | 8.91 | 8.56 | 10.0 | 10.0 | 89 | 86 | 80-126 | 4 | 15 | |
| 1,1,2-Trichloroethane | 10.7 | 10.6 | 10.0 | 10.0 | 107 | 106 | 80-124 | 1 | 15 | |
| Tetrachloroethene | 11.1 | 10.8 | 10.0 | 10.0 | 111 | 108 | 80-125 | 3 | 15 | |
| Surrogate: | | | | | | | | | | |
| Dibromofluoromethane | | | | | 100 | 104 | 68-133 | | | |
| Toluene-d8 | | | | | 101 | 98 | 79-123 | | | |
| 4-Bromofluorobenzene | | | | | 97 | 97 | 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 The gasoline result is attributed to a single peak (Tetrachloroethene).
- ND Not Detected at PQL
- PQL Practical Quantitation Limit
- RPD Relative Percent Difference



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| est | 1 |
|--------------------|------|
| | |
| Laboratory Number: | |
| 10-000 | |
| | Page |
| | of |

| Reviewed/Date | Received | Relinquished | Received | Relinquished | Received | Relinquished W 11 | Signature | | | | r CMWID | 3 GMW6 | 2 GMWY | 1 GMWII | Lab ID Sample Identification | Sampled by: | Megan Pasnick Liz Kulhingen | Project Name: Bellevine Way Cleaners | 07-0766-A | At las cresciences NW | Phone: (425) 883-3881 • www.onsite-env.com | Analytical Laboratory Testing Services 14648 NE 95th Street • Redmond, WA 98052 |
|---|---|--------------|----------|--------------|----------|---------------------------------|-------------------------------|--|--|--|-------------|--------|--------|-----------------|--|--|--|--|---------------|-----------------------|--|---|
| Reviewed/Date | | | | | 100 P | Atlas | Company | | | < | 1 1831 | 855] | 1358 | 12/2 1129 water | Date Time Sampled Sampled Matrix | (other) | | X Standard (7 Days) | 2 Days 3 Days | Same Day 1 Day | (Check One) | Turnaround Request (in working days) |
| | | | | | 16/14 | 12/6/24 10:40am | Date Time | | | > | \ \ \ \ \ \ | | | X | NWTP NWTP NWTP Volatile Haloge | H-HCII H-Gx/E H-Gx H-Dx (i | STEX (80 SG Clea) | 021 <u> 8</u> 2 n-up <u> </u>) | | | | Laboratory Number: |
| Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐ | Data Package: Standard ☐ Level III ☐ Level IV ☐ | | | | | * YPCE, TCE, VC, DCE, 1.1.2 TCA | Comments/Special Instructions | | | >> >> >> >> >> >> >> >> >> >> >> >> >> | | ×× | X X | | Semiwe (with it PAHs & PCBs it Organo Organo Chlorin Total R Total M TCLP M HEM (c | polatiles ww-levewere as 270/S 8082 pochloring phosphated A CCRA MITCA M | 8270/SI I PAHs) IM (low- ne Pestic horus P cid Hert letals letals | M level) cides 80 esticide picides 8 | s 8270, | /SIM | | 12-090 |

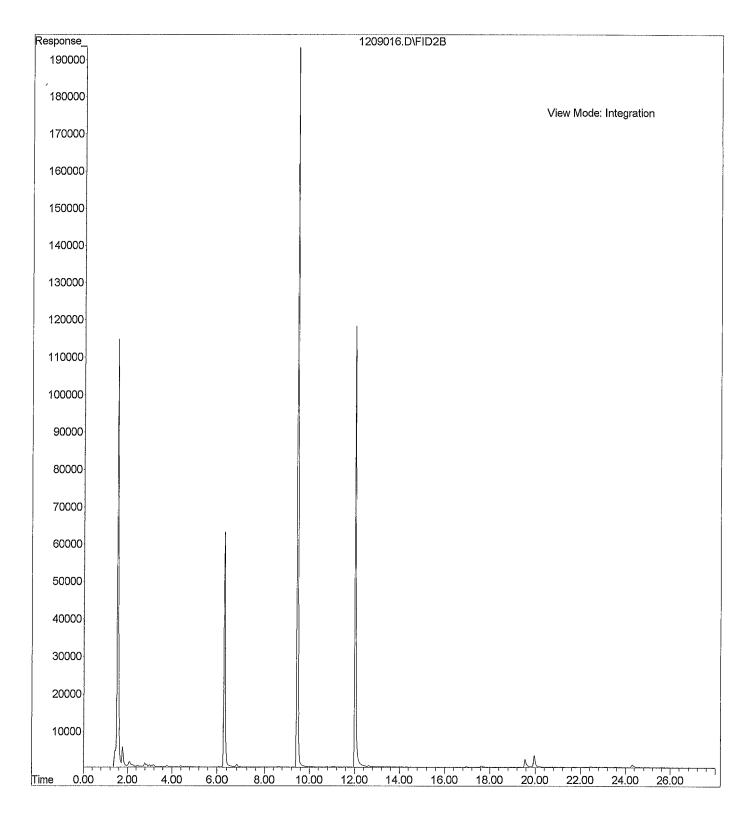
File : X:\BTEX\HOPE\DATA\H241209\1209016.D

Operator

Acquired: 9 Dec 2024 21:04 using AcqMethod 241025SH.M

Instrument: Hope Sample Name: 12-090-04e

Misc Info : Vial Number: 16





February 20, 2025

Megan Poysnick Atlas GeoSciences NW PO Box 1009 Sumner, WA 98390

Re: Analytical Data for Project 02-0266-A Laboratory Reference No. 2502-109

Dear Megan:

Enclosed are the analytical results and associated quality control data for samples submitted on February 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,

David Baumeister Project Manager

Enclosures

Project: 02-0266-A

Case Narrative

Samples were collected on February 10, 2025 and received by the laboratory on February 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. However the soil results for the QA/QC samples are reported on a wet-weight basis.

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

Project: 02-0266-A

GASOLINE RANGE ORGANICS NWTPH-Gx

Matrix: Soil

Units: mg/kg (ppm)

| | | | | Date | Date | |
|----------------|------------------|----------------|----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| Client ID: | GMW9-28 | | | | | |
| Laboratory ID: | 02-109-06 | | | | | |
| Gasoline | ND | 5.8 | NWTPH-Gx | 2-13-25 | 2-13-25 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |

Fluorobenzene 95 62-134

Project: 02-0266-A

GASOLINE RANGE ORGANICS NWTPH-Gx QUALITY CONTROL

Matrix: Soil

Units: mg/kg (ppm)

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|----------------|------------------|----------------|----------|------------------|------------------|-------|
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB0213S1 | | | | | |
| Gasoline | ND | 5.0 | NWTPH-Gx | 2-13-25 | 2-13-25 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Fluorobenzene | 93 | 62-134 | | | | |

| | | | | | Source | Percent | Recovery | | RPD | |
|----------------|-------|------|-------|-------|--------|----------|----------|-----|-------|-------|
| Analyte | Res | sult | Spike | Level | Result | Recovery | Limits | RPD | Limit | Flags |
| DUPLICATE | | | | | | | | | | |
| Laboratory ID: | 02-10 | 9-06 | | | | | | | | |
| | ORIG | DUP | | | | | | | | |
| Gasoline | ND | ND | NA | NA | | NA | NA | NA | 30 | |
| Surrogate: | | | | | | | | | | |
| Fluorobenzene | | | | | | 95 96 | 62-134 | | | |

Date of Report: February 20, 2025 Samples Submitted: February 11, 2025

Laboratory Reference: 2502-109

Project: 02-0266-A

DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx

Matrix: Soil

Units: mg/Kg (ppm)

| 5 5 , | | | | Date | Date | |
|-------------------------|------------------|----------------|----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| Client ID: | GMW9-28 | | | | | |
| Laboratory ID: | 02-109-06 | | | | | |
| Diesel Range Organics | ND | 28 | NWTPH-Dx | 2-13-25 | 2-13-25 | |
| Lube Oil Range Organics | ND | 56 | NWTPH-Dx | 2-13-25 | 2-13-25 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| o-Terphenyl | 70 | 50-150 | | | | |

Project: 02-0266-A

DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx QUALITY CONTROL

Matrix: Soil

Units: mg/Kg (ppm)

| | | | Date | Date | |
|------------------|---------------------------------|--|--|--|---|
| Result | PQL | Method | Prepared | Analyzed | Flags |
| | | | | | _ |
| MB0213S1 | | | | | |
| ND | 25 | NWTPH-Dx | 2-13-25 | 2-13-25 | |
| ND | 50 | NWTPH-Dx | 2-13-25 | 2-13-25 | |
| Percent Recovery | Control Limits | | | | |
| 75 | 50-150 | | | | |
| | MB0213S1 ND ND Percent Recovery | MB0213S1 ND 25 ND 50 Percent Recovery Control Limits | MB0213S1 ND 25 NWTPH-Dx ND 50 NWTPH-Dx Percent Recovery Control Limits | MB0213S1 ND 25 NWTPH-Dx 2-13-25 ND 50 NWTPH-Dx 2-13-25 Percent Recovery Control Limits | Result PQL Method Prepared Analyzed MB0213S1 ND 25 NWTPH-Dx 2-13-25 2-13-25 ND 50 NWTPH-Dx 2-13-25 2-13-25 Percent Recovery Control Limits Control Limits |

| | _ | • | | | Source | Percent | Recovery | | RPD | |
|----------------|-------|------|-------|-------|--------|----------|----------|-----|-------|-------|
| Analyte | Res | sult | Spike | Level | Result | Recovery | Limits | RPD | Limit | Flags |
| DUPLICATE | | | | | | | | | | |
| Laboratory ID: | 02-10 | 9-06 | | | | | | | | |
| | ORIG | DUP | | | | | | | | |
| Diesel Range | ND | ND | NA | NA | | NA | NA | NA | 40 | |
| Lube Oil Range | ND | ND | NA | NA | | NA | NA | NA | 40 | |
| Surrogate: | | | | | | | | | | |
| a Tarahanul | | | | | | 70 67 | E0 1E0 | | | |

o-Terphenyl 50-150

Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D

| | | | | Date | Date | |
|----------------------------|------------------|----------------|-----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| Client ID: | GMW9-28 | | | | | _ |
| Laboratory ID: | 02-109-06 | | | | | |
| Vinyl Chloride | ND | 0.0011 | EPA 8260D | 2-13-25 | 2-13-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.0011 | EPA 8260D | 2-13-25 | 2-13-25 | |
| (cis) 1,2-Dichloroethene | ND | 0.0011 | EPA 8260D | 2-13-25 | 2-13-25 | |
| Trichloroethene | ND | 0.0011 | EPA 8260D | 2-13-25 | 2-13-25 | |
| 1,1,2-Trichloroethane | ND | 0.0011 | EPA 8260D | 2-13-25 | 2-13-25 | |
| Tetrachloroethene | ND | 0.0011 | EPA 8260D | 2-13-25 | 2-13-25 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 116 | 69-124 | | | | |
| Toluene-d8 | 107 | 80-118 | | | | |
| 4-Bromofluorobenzene | 101 | 75-123 | | | | |

Date of Report: February 20, 2025 Samples Submitted: February 11, 2025

Laboratory Reference: 2502-109

Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

| | | | | Date | Date | |
|----------------------------|------------------|----------------|-----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| METHOD BLANK | | | | | | _ |
| Laboratory ID: | MB0213S1 | | | | | |
| Vinyl Chloride | ND | 0.0010 | EPA 8260D | 2-13-25 | 2-13-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.0010 | EPA 8260D | 2-13-25 | 2-13-25 | |
| (cis) 1,2-Dichloroethene | ND | 0.0010 | EPA 8260D | 2-13-25 | 2-13-25 | |
| Trichloroethene | ND | 0.0010 | EPA 8260D | 2-13-25 | 2-13-25 | |
| 1,1,2-Trichloroethane | ND | 0.0010 | EPA 8260D | 2-13-25 | 2-13-25 | |
| Tetrachloroethene | ND | 0.0010 | EPA 8260D | 2-13-25 | 2-13-25 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 117 | 69-124 | | | | |
| Toluene-d8 | 108 | 80-118 | | | | |
| 4-Bromofluorobenzene | 102 | 75-123 | | | | |

| | | | | | Per | cent | Recovery | | RPD | |
|----------------------------|--------|--------|--------|--------|-----|-------|----------|-----|-------|-------|
| Analyte | Res | sult | Spike | Level | Rec | overy | Limits | RPD | Limit | Flags |
| SPIKE BLANKS | | | | | | | | | | |
| Laboratory ID: | SB02 | 13S1 | | | | | | | | |
| | SB | SBD | SB | SBD | SB | SBD | | | | |
| Vinyl Chloride | 0.0502 | 0.0484 | 0.0500 | 0.0500 | 100 | 97 | 52-141 | 4 | 20 | |
| (trans) 1,2-Dichloroethene | 0.0493 | 0.0474 | 0.0500 | 0.0500 | 99 | 95 | 74-131 | 4 | 15 | |
| (cis) 1,2-Dichloroethene | 0.0493 | 0.0477 | 0.0500 | 0.0500 | 99 | 95 | 71-136 | 3 | 15 | |
| Trichloroethene | 0.0558 | 0.0529 | 0.0500 | 0.0500 | 112 | 106 | 80-130 | 5 | 15 | |
| 1,1,2-Trichloroethane | 0.0550 | 0.0494 | 0.0500 | 0.0500 | 110 | 99 | 80-123 | 11 | 15 | |
| Tetrachloroethene | 0.0567 | 0.0543 | 0.0500 | 0.0500 | 113 | 109 | 80-130 | 4 | 15 | |
| Surrogate: | | | | | | | | | | |
| Dibromofluoromethane | | | | | 110 | 107 | 69-124 | | | |
| Toluene-d8 | | | | | 105 | 101 | 80-118 | | | |
| 4-Bromofluorobenzene | | | | | 100 | 96 | 75-123 | | | |

% MOISTURE

| Client ID | Lab ID | % Moisture | Date Analyzed |
|-----------|-----------|------------|------------------|
| GMW9-28 | 02-109-06 | 11 | 2-12-25 |



Data Qualifiers and Abbreviations

- A Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B The analyte indicated was also found in the blank sample.
- C The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E The value reported exceeds the quantitation range and is an estimate.
- F Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I Compound recovery is outside of the control limits.
- J The value reported was below the practical quantitation limit. The value is an estimate.
- K Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L The RPD is outside of the control limits.
- M Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
- N Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 Hydrocarbons in diesel range are impacting lube oil range results.
- O Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P The RPD of the detected concentrations between the two columns is greater than 40.
- Q Surrogate recovery is outside of the control limits.
- S Surrogate recovery data is not available due to the necessary dilution of the sample.
- T The sample chromatogram is not similar to a typical
- U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 The practical quantitation limit is elevated due to interferences present in the sample.
- V Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X Sample extract treated with a mercury cleanup procedure.
- X1 Sample extract treated with a sulfuric acid/silica gel cleanup procedure.
- X2 Sample extract treated with a silica gel cleanup procedure.
- Y The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.
- Y1 Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL

PQL - Practical Quantitation Limit

RPD - Relative Percent Difference



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Chain of Custody

Page / of 2

| Reviewed/Date | Received | Relinquished | Received Water Piell | Relinquished | Received / Dam | Relinquished | Signature | 10 GMW9- 43 | 9 GMW9-31 | 8 GMW9-31 | 7 GMW9-35 | 6 GMW9-28 | 5 GMN9-25 | H CMMd-10 | 3 GMW9-13 | 2 GMW9-10 | 1 GMW9-5 | Lab ID Sample Identification | Sampled by: CAM | MEDAM POSMCK, LIZ Rachman | Project Name: Bellewe Way Cleaners | 02-0266-4 | Project Number Atlas Acoscumes Nin | Phone: (425) 883-3881 • www.onsite-env.com | Analytical Laboratory Testing Services 14648 NE 95th Street • Redmond, WA 98052 |
|--|---|--------------|---------------------------|---|-----------------------------|--------------|-------------------------------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------------|--|--|---|------------------------------------|---------------|------------------------------------|--|---|
| Reviewed/Date | | | 380 | 2 sport | Sport | Atlas | Company | 1336 | 1336 0 | 1248 | 1248 | 12:25 | 12:32 | 0h:11 | 11:42 | | 210/25 11:46 Soil | Date Time Sampled Sampled Matrix | (other) | | Standard (7 Days) | 2 Days 3 Days | Same Day 1 Day | (Check One) | Turnaround Request (in working days) |
| | | | 2/11/2025 1030 | 2/11/25 1830 | 211/25 836 | 2/11/25 836 | Date Time | Ç | | | | メメ | | | | | - Ch | NWTP NWTP NWTP Volatile Haloge | H-Gx H-Dx (Ses 8260 enated \ | STEX (8) | 021 8: an-up () | | st- | | Laboratory Number: |
| Chromatograms with final reportX Electronic Data Deliverables (EDDs) X | Data Package: Standard X Level III □ Level IV □ | | X-Added clicics and (sim) | 111111111111111111111111111111111111111 | X rcz, rz, comzans-ucb , uc | | Comments/Special Instructions | | | | | | | | | | | (with lot PAHs & PCBs or Organo Chlorin Total R Total M TCLP I | ochlorin ophospi nated Ar RCRA M ITCA M Metals oil and g | I PAHs) M (Iow- ne Pesti horus P cid Heri etals | cides 80 Pesticide bicides 8 | s 8270 | /SIM | | 02-109 |



Chain of Custody

Turnaround Request (in working days)

Laboratory Number:

Page 2 of 2

| Sampled Samp | Reviewed/Date Sampled Sampled | | | Dr. C - Junioralia | and Do | Relinquished | 1 1 NG | Relinquished | Signature | Cinnoha | | | | 6MW9-50 | 6MW 9-47 | Sample Identification | CAM | Negar Paysick / 42 Rachman | Project Manager Bellevie Wey Clearles | 02-0266-A | nber: |
|--|---|-------------------|--|--------------------|--------|--------------|------------|--------------|------------------|---------|--|--|--|---------|--------------|------------------------------------|--|-------------------------------|---------------------------------------|-----------|----------|
| Number of Containers NWTPH-HCID NWTPH-Gx/BTEX (8021 8260) NWTPH-Dx (SG Clean-up) Volatiles 8260 Halogenated Volatiles 8260 EDB EPA 8011 (Waters Only) | Number of Containers | Reviewed/Da | | | | S. | W : | Atlas | Company | | | | | | 2/10/25 1330 | | | PAL | | | Same Day |
| NWTPH-Gx NWTPH-Dx (SG Clean-up) Volatiles 8260 Halogenated Volatiles 8260 EDB EPA 8011 (Waters Only) | NWTPH-Gx NWTPH-Dx (SG Clean-up) | te . | | 7000 | 2/ | and a | pell si | S | Da | | | | | | 5 1:05 | Numb | H-HCII |) | ers | | 1 Day |
| Control of the contro | Chromatograms With final report Comments/Special Instructions Comments/Special Instructions Semivolatiles 8270/SIM (with low-level PAHs) PAHs 8270/SIM (low-level) PCBs 8082 Organophosphorus Pesticides 8081 Organophosphorus Pesticides 8270/SIM Chlorinated Acid Herbicides 8151 Total RCRA Metals | _ | | 17075 | 1 | 1 | 11/25 0536 | 111bs 0834 | | | | | | | | NWTP NWTP Volatile Haloge | H-Gx H-Dx (Ses 8260 enated ' | SG Clea | n-up []) | | |
| | O I | Chromatograms wit | | 0 | | > | | 6 | Comments/Special | | | | | | | Semivo (with lo PAHs 8 | olatiles ow-leve 3270/SI 3082 | 8270/SI I PAHs) M (low- | M level) | 81 | |



February 24, 2025

Megan Poysnick Atlas GeoSciences NW PO Box 1009 Sumner, WA 98390

Re: Analytical Data for Project 02-0266-A Laboratory Reference No. 2502-176

Dear Megan:

Enclosed are the analytical results and associated quality control data for samples submitted on February 14, 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,

David Baumeister Project Manager

Enclosures

Project: 02-0266-A

Case Narrative

Samples were collected on February 13, 2025 and received by the laboratory on February 14, 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. However the soil results for the QA/QC samples are reported on a wet-weight basis.

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

NWTPH-Gx Analysis

The result for sample GMW3 is attributed to a single peak (Tetrachloroethene).

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

Project: 02-0266-A

GASOLINE RANGE ORGANICS NWTPH-Gx

Matrix: Water Units: ug/L (ppb)

| | | | | Date | Date | | |
|-------------------------|------------------|----------------|----------|----------|----------|-------|--|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags | |
| Client ID: | GMW1 | | | | | | |
| Laboratory ID: | 02-176-01 | | | | | | |
| Gasoline | ND | 100 | NWTPH-Gx | 2-18-25 | 2-18-25 | | |
| Surrogate: | Percent Recovery | Control Limits | | | | | |
| Fluorobenzene | 85 | 61-122 | | | | | |
| Client ID: | GMW3 | | | | | | |
| Laboratory ID: | 02-176-02 | | | | | | |
| Gasoline Range Organics | ND | 550 | NWTPH-Gx | 2-18-25 | 2-18-25 | Z | |
| Surrogate: | Percent Recovery | Control Limits | | | | | |
| Fluorobenzene | 85 | 61-122 | | | | | |
| Client ID: | GMW9 | | | | | | |
| Laboratory ID: | 02-176-03 | | | | | | |
| Gasoline | ND | 100 | NWTPH-Gx | 2-18-25 | 2-18-25 | | |
| Surrogate: | Percent Recovery | Control Limits | | | | | |
| Fluorobenzene | 87 | 61-122 | | | | | |
| | | | | | | | |

Project: 02-0266-A

GASOLINE RANGE ORGANICS NWTPH-Gx QUALITY CONTROL

Matrix: Water Units: ug/L (ppb)

| | | | | Date | Date | |
|----------------|------------------|----------------|----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB0218W1 | | | | | |
| Gasoline | ND | 100 | NWTPH-Gx | 2-18-25 | 2-18-25 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Fluorobenzene | 84 | 61-122 | | | | |

Fluorobenzene 61-122

| Analyte | Res | sult | Spike | Level | Source Result | Percent Recovery | Recovery Limits | RPD | RPD Limit | Flags |
|----------------|-------|-------|-------|-------|------------------|---------------------|--------------------|-----|--------------|-------|
| DUPLICATE | | | | | | | | | | |
| Laboratory ID: | 02-18 | 32-01 | | | | | | | | |
| | ORIG | DUP | | | | | | | | |
| Gasoline | ND | ND | NA | NA | | NA | NA | NA | 30 | |
| Surrogate: | | | | | | | | | | |
| Fluorobenzene | | | | | | 91 81 | 61-122 | | | |

Project: 02-0266-A

DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx

Matrix: Water Units: ug/L (ppb)

| | | | | Date | Date | |
|-------------------------|------------------|----------------|----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| Client ID: | GMW1 | | | | | |
| Laboratory ID: | 02-176-01 | | | | | |
| Diesel Range Organics | ND | 210 | NWTPH-Dx | 2-18-25 | 2-18-25 | |
| Lube Oil Range Organics | ND | 210 | NWTPH-Dx | 2-18-25 | 2-18-25 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| o-Terphenyl | 123 | 50-150 | | | | |
| | | | | | | |
| Oli a LID | 014140 | | | | | |
| Client ID: | GMW3 | | | | | |
| Laboratory ID: | 02-176-02 | | | | | |
| Diesel Range Organics | ND | 210 | NWTPH-Dx | 2-18-25 | 2-18-25 | |
| Lube Oil Range Organics | ND | 210 | NWTPH-Dx | 2-18-25 | 2-18-25 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| o-Terphenyl | 115 | 50-150 | | | | |
| | | | | | | |
| Client ID: | GMW9 | | | | | |
| Laboratory ID: | 02-176-03 | | | | | |
| | ND | 210 | NWTPH-Dx | 2-18-25 | 2-18-25 | |
| Diesel Range Organics | | | | | | |
| Lube Oil Range Organics | ND | 210 | NWTPH-Dx | 2-18-25 | 2-18-25 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| o-Terphenyl | 127 | 50-150 | | | | |

Date of Report: February 24, 2025 Samples Submitted: February 14, 2025

Laboratory Reference: 2502-176

Project: 02-0266-A

DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx QUALITY CONTROL

Matrix: Water Units: ug/L (ppb)

| | | | | Date | Date | |
|-------------------------|------------------|----------------|----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB0218W1 | | | | | |
| Diesel Range Organics | ND | 160 | NWTPH-Dx | 2-18-25 | 2-18-25 | _ |
| Lube Oil Range Organics | ND | 160 | NWTPH-Dx | 2-18-25 | 2-18-25 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| o-Terphenyl | 107 | 50-150 | | | | |

| | | | | Sc | ource | Percent | Recovery | | RPD | |
|----------------|------|--------|----|-------|-------|----------|----------|-----|-------|-------|
| Analyte | Res | Result | | vel R | esult | Recovery | Limits | RPD | Limit | Flags |
| DUPLICATE | | | | | | | | | | |
| Laboratory ID: | SB02 | 18W1 | | | | | | | | |
| | ORIG | DUP | | | | | | | | |
| Diesel Fuel #2 | 387 | 370 | NA | NA | | NA | NA | 4 | 40 | |
| Surrogate: | | | | | | | | | | |

o-Terphenyl 114 111 50-150 Date of Report: February 24, 2025 Samples Submitted: February 14, 2025 Laboratory Reference: 2502-176

Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D

Matrix: Water Units: ug/L

| Offits. ug/L | | | | Date | Date | |
|-------------------------------|------------------|----------------|-----------|--------------------|--------------------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| Client ID: | GMW1 | | | | | |
| Laboratory ID: | 02-176-01 | | | | | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 2-19-25 | 2-19-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 2-19-25 | 2-19-25 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 2-19-25 | 2-19-25 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 2-19-25 | 2-19-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 2-19-25 | 2-19-25 | |
| Tetrachloroethene | 0.21 | 0.20 | EPA 8260D | 2-19-25 | 2-19-25 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 102 | 68-133 | | | | |
| Toluene-d8 | 101 | 79-123 | | | | |
| 4-Bromofluorobenzene | 101 | 78-117 | | | | |
| | | | | | | |
| Client ID: | GMW3 | | | | | |
| | 02-176-02 | | | | | |
| Laboratory ID: Vinyl Chloride | ND | 4.0 | EPA 8260D | 2-19-25 | 2-19-25 | |
| • | | | | | | |
| (trans) 1,2-Dichloroethene | ND ND | 4.0 4.0 | EPA 8260D | 2-19-25 2-19-25 | 2-19-25 2-19-25 | |
| (cis) 1,2-Dichloroethene | | | EPA 8260D | | | |
| Trichloroethene | ND | 4.0 | EPA 8260D | 2-19-25 | 2-19-25 | |
| 1,1,2-Trichloroethane | ND | 4.0 | EPA 8260D | 2-19-25 | 2-19-25 | |
| Tetrachloroethene | 580 | 4.0 | EPA 8260D | 2-19-25 | 2-19-25 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 102 | 68-133 | | | | |
| Toluene-d8 | 100 | 79-123 | | | | |
| 4-Bromofluorobenzene | 103 | 78-117 | | | | |
| | | | | | | |
| Client ID: | GMW9 | | | | | |
| Laboratory ID: | 02-176-03 | | | | | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 2-19-25 | 2-19-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 2-19-25 | 2-19-25 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 2-19-25 | 2-19-25 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 2-19-25 | 2-19-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 2-19-25 | 2-19-25 | |
| Tetrachloroethene | ND | 0.20 | EPA 8260D | 2-19-25 | 2-19-25 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 101 | 68-133 | | | | |
| Toluene-d8 | 100 | 79-123 | | | | |
| 4-Bromofluorobenzene | 102 | 78-117 | | | | |
| | | | | | | |

Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

Matrix: Water Units: ug/L

| | | | | Date | Date | |
|----------------------------|------------------|----------------|-----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| METHOD BLANK | | | | | | _ |
| Laboratory ID: | MB0219W1 | | | | | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 2-19-25 | 2-19-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 2-19-25 | 2-19-25 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 2-19-25 | 2-19-25 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 2-19-25 | 2-19-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 2-19-25 | 2-19-25 | |
| Tetrachloroethene | ND | 0.20 | EPA 8260D | 2-19-25 | 2-19-25 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 102 | 68-133 | | | | |
| Toluene-d8 | 101 | 79-123 | | | | |
| 4-Bromofluorobenzene | 102 | 78-117 | | | | |

| | | | | | Per | cent | Recovery | | RPD | | |
|----------------------------|--------|------|-------------|------|----------|------|----------|-----|-------|-------|--|
| Analyte | Result | | Spike Level | | Recovery | | Limits | RPD | Limit | Flags | |
| SPIKE BLANKS | | | | | | | | | | | |
| Laboratory ID: | SB02 | 19W1 | | | | | | | | | |
| | SB | SBD | SB | SBD | SB | SBD | | | | | |
| Vinyl Chloride | 10.7 | 10.4 | 10.0 | 10.0 | 107 | 104 | 67-130 | 3 | 15 | | |
| (trans) 1,2-Dichloroethene | 9.68 | 9.61 | 10.0 | 10.0 | 97 | 96 | 77-125 | 1 | 15 | | |
| (cis) 1,2-Dichloroethene | 9.92 | 9.86 | 10.0 | 10.0 | 99 | 99 | 78-130 | 1 | 15 | | |
| Trichloroethene | 9.72 | 9.47 | 10.0 | 10.0 | 97 | 95 | 80-126 | 3 | 15 | | |
| 1,1,2-Trichloroethane | 9.26 | 9.08 | 10.0 | 10.0 | 93 | 91 | 80-124 | 2 | 15 | | |
| Tetrachloroethene | 9.55 | 9.54 | 10.0 | 10.0 | 96 | 95 | 80-125 | 0 | 15 | | |
| Surrogate: | | | | | | | | | | | |
| Dibromofluoromethane | | | | | 102 | 100 | 68-133 | | | | |
| Toluene-d8 | | | | | 103 | 102 | 79-123 | | | | |
| 4-Bromofluorobenzene | | | | | 104 | 103 | 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 The result is attributed to a single peak (Tetrachloroethene).
- ND Not Detected at PQL
- PQL Practical Quantitation Limit
- RPD Relative Percent Difference





Chain of Cuctody

| Reviewed/Date | Received | Relinquished | Helinquished | Received | Relinquished | | | | | | | | | 3 GIMMA | 2 GMW 3 | 1 amin | Lab ID | Sampled by: RF | MARONN POUSINICK, | Project Name: PRURMW WWW | 02-6266-1 | Project Number | |
|---|-----------|--------------|--------------|----------|-------------------|-------------------------------|---|---|---|----------|---|---|---|----------|----------|---------|-----------------------|----------------|----------------------|--------------------------|-----------|----------------|---|
| | | | Van | Van | | Signature | | | | | | | | 20 | 2 | 01 | Sample Identification | ANN MAK | ysnick, Liz Rachpian | I wan Cleanell | 4 | Energiences Nu | 14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com |
| | | | | | | | | | | | | | | 2/13/25 | 2/13/25 | 2/13/15 | Date Sampled | [| | TX St | 2 | S | |
| Reviewed/Date | | (| 8 | 80 | Atas | Company | | | | | | | | 5 1142 | 1941 S | 5 1258 | Time d Sampled | (other) | | Standard (7 Days) | 2 Days | Same Day | (Check One) |
| Date | | Car | No. | S. C. | CHARGING CONTROLL | | | | | | | | | GW | 33 | CW | Matrix | 3 | | s) | 3 Days | 1 Day | fays) |
| | | VI | | | Near | | | | | | | | | 7 | L | 7 | Numb | er of C | ontain | ers | | | |
| | | | R | 8 | 8 | | | | | | | | | | | | THE RESERVOISE | PH-HCI | | | | 9 | _ [a |
| | | 12 | 17 | 2/2 | 2 | Date | | | | | | | | | | | | H-Gx/I | BTEX | | | | Laboratory N |
| | | Z | 23 | 12 | 25 | (a vi | | | | - | | | | × | × | × | NWTF | | □ Acid | / SG Cle | 220 110 | v | aro |
| | | X | | 7 | 31 | 1 | _ | - | | - | - | | | X | \times | × | | es 8260 | | 7 00 01 | sair-up | <i>t</i> : | |
| | | 2 | 83 | B | 835 | Time | | - | - | - | - | - | | | | | | | | s 8260D | | | |
| | | 13 | 9 | 30 | 5 | | | | - | - | - | | | | | | 17.76-27.129.300 | | or 194900 eds. 0400 | ers Only) | | | umber: |
| 0 | 0 | | | Щ | | - | | | - | - | 1 | - | | | | | | | 8270E | 1007 (1007 850) | | | - " |
| hrom | Data F | | | | 1 | omm | | | | - | - | - | | 1 | | | | | PAHS |) w-level) | | | |
| atogr | Package: | | | | | ents/ | | | - | \vdash | 1 | | | | | | PCBs | 8082A | | | | | - 0 |
| ams v | 1.00 | | | | | Specia | | | | 1 | + | | + | | | | Organ | ochlori | ne Pest | icides 80 | 081B | | |
| with fi | Standard | | | | | Comments/Special Instructions | | | | | 1 | | | | | | Organ | ophosp | horus I | Pesticide | s 8270 | E/SIM | |
| nal re | ard 📈 | | | | | tructi | | | | | | | | | | | Chlori | nated A | cid He | bicides | 8151A | | |
| port. | | | | | | SUG | | | | | | | | | | | Total F | RCRA N | fetals | | | | 1 |
| | Level III | | | | | | | | | | | | | | | | Total f | ATCA N | /letals | | | | |
| ectror | | | | | | | | | | | | | | | | | TCLP | Metals | | | | | |
| iic Dat | Level IV | | | | | | | | | | | | | | | | HEM (| oil and | grease) | 1664A | | | |
| Chromatograms with final report X Electronic Data Deliverables (EDDs) N | □ N □ | | | | | | | | | | | | | \times | \times | X | RE | /TCE | /DC(| ENC | 1.1.2 | TCA | |
| (EDDs) N | | | | | | | | | | | | | | | | | % Moi | sture | | | | | |

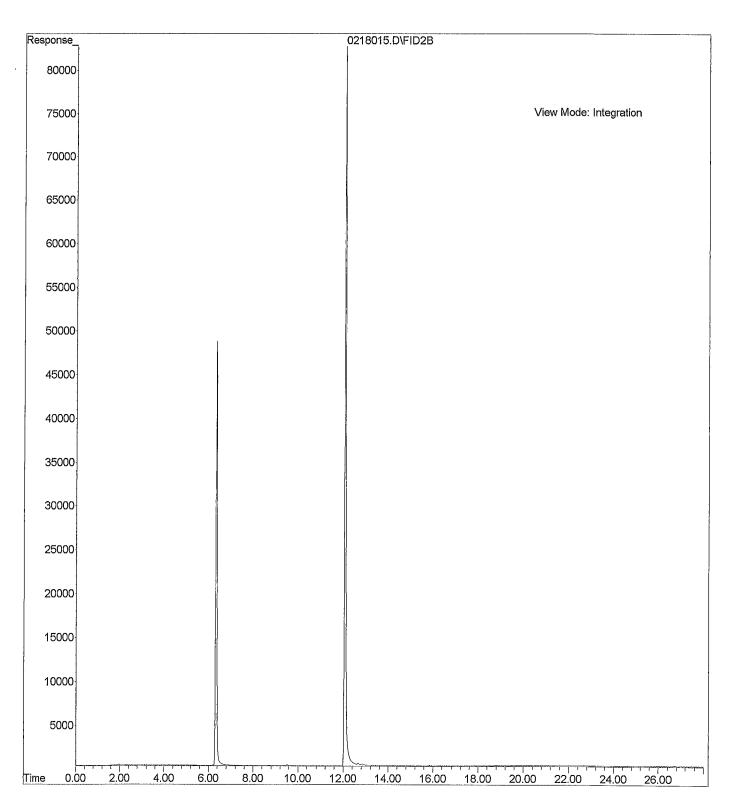
File : X:\BTEX\HOPE\DATA\H250218\0218015.D

Operator

Acquired : 18 Feb 2025 18:36 using AcqMethod 241227BH.M

Instrument: Hope Sample Name: 02-176-01d

Misc Info Vial Number: 15



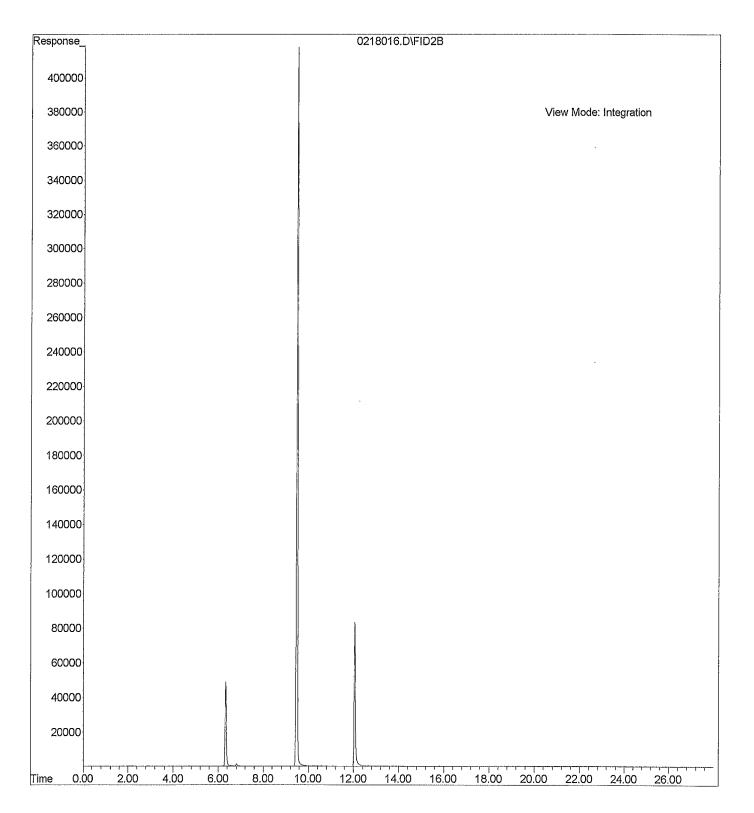
File : X:\BTEX\HOPE\DATA\H250218\0218016.D

Operator :

Acquired: 18 Feb 2025 19:06 using AcqMethod 241227BH.M

Instrument: Hope Sample Name: 02-176-02d

Misc Info : Vial Number: 16



File : X:\BTEX\HOPE\DATA\H250218\0218017.D

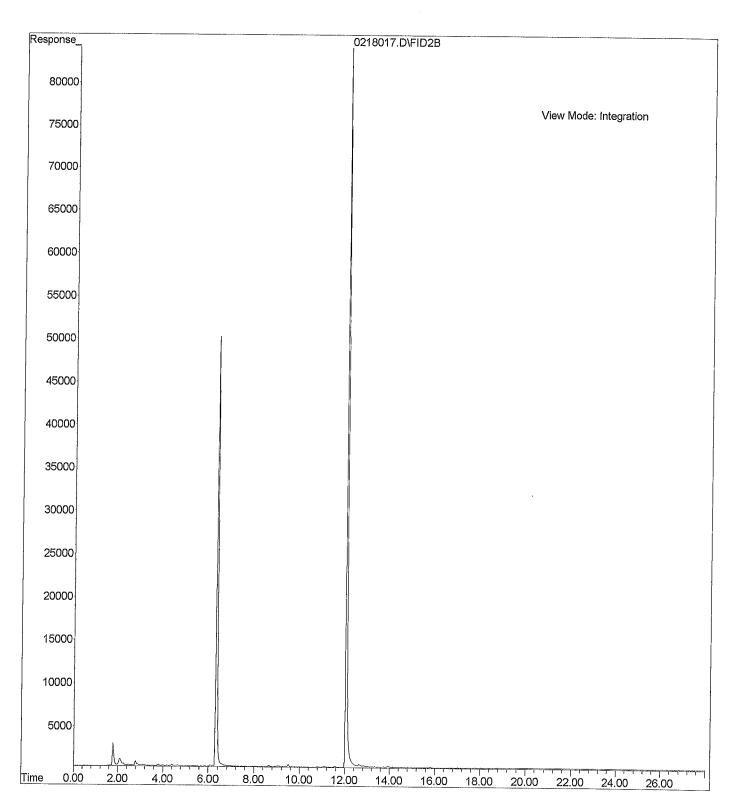
Operator

Acquired: 18 Feb 2025 19:36 using AcqMethod 241227BH.M

Instrument : Hope

Sample Name: 02-176-03d Misc Info :

Misc Info : Vial Number: 17



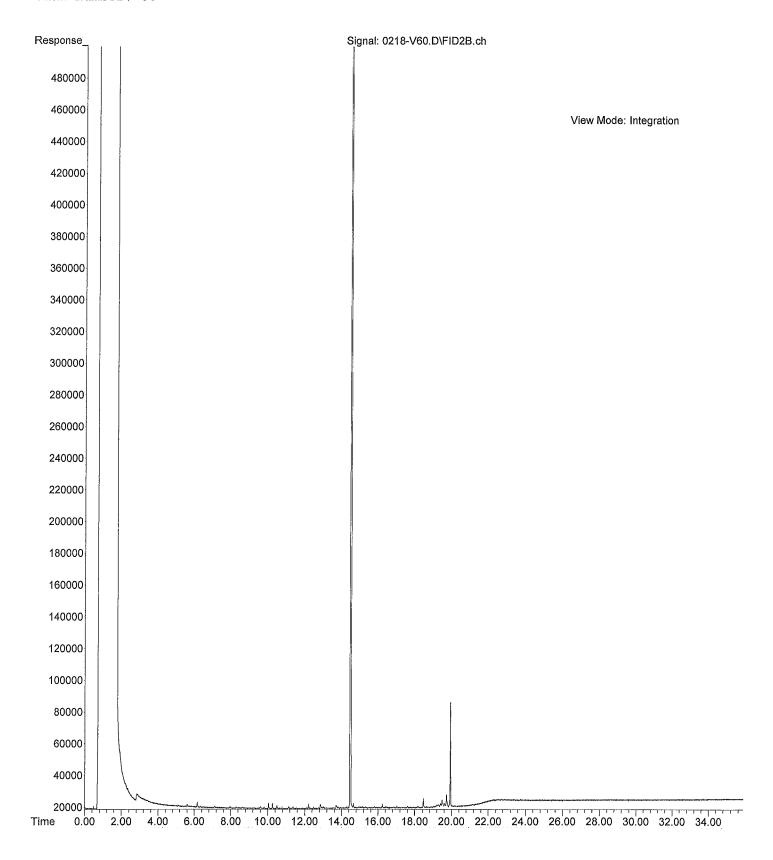
File :X:\DIESELS\Vigo\Data\V250218.SEC\0218-V60.D

Operator : LW

Acquired: 18 Feb 2025 15:32 using AcqMethod V241115F.M

Instrument : Vigo Sample Name: 02-176-01 Misc Info : RearSamp

Vial Number: 60



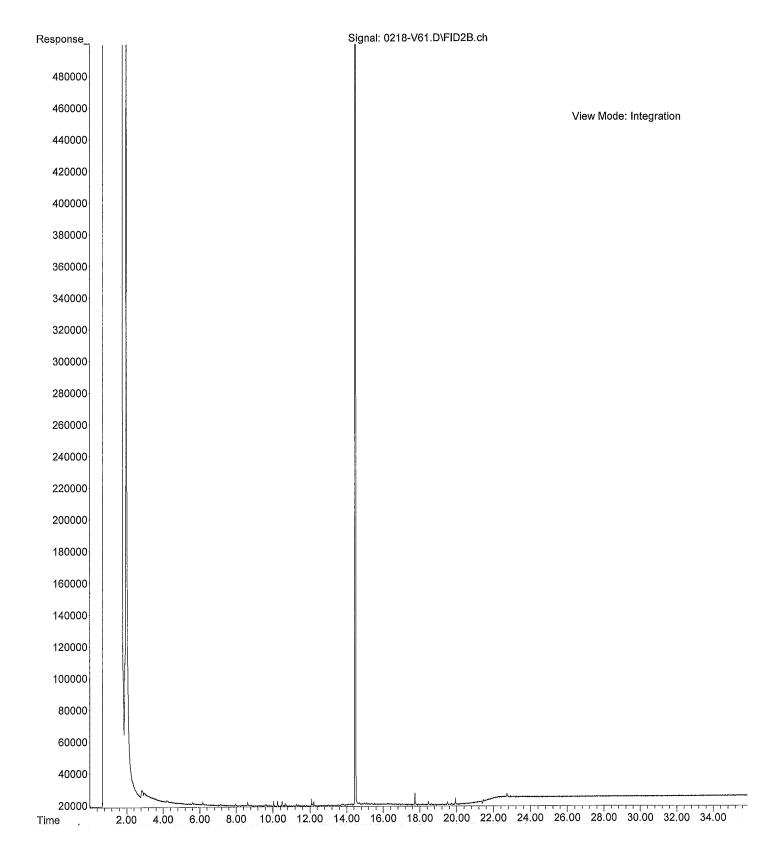
File :X:\DIESELS\Vigo\Data\V250218.SEC\0218-V61.D

Operator : LW

Acquired: 18 Feb 2025 16:13 using AcqMethod V241115F.M

Instrument: Vigo Sample Name: 02-176-02 Misc Info: RearSamp

Vial Number: 61

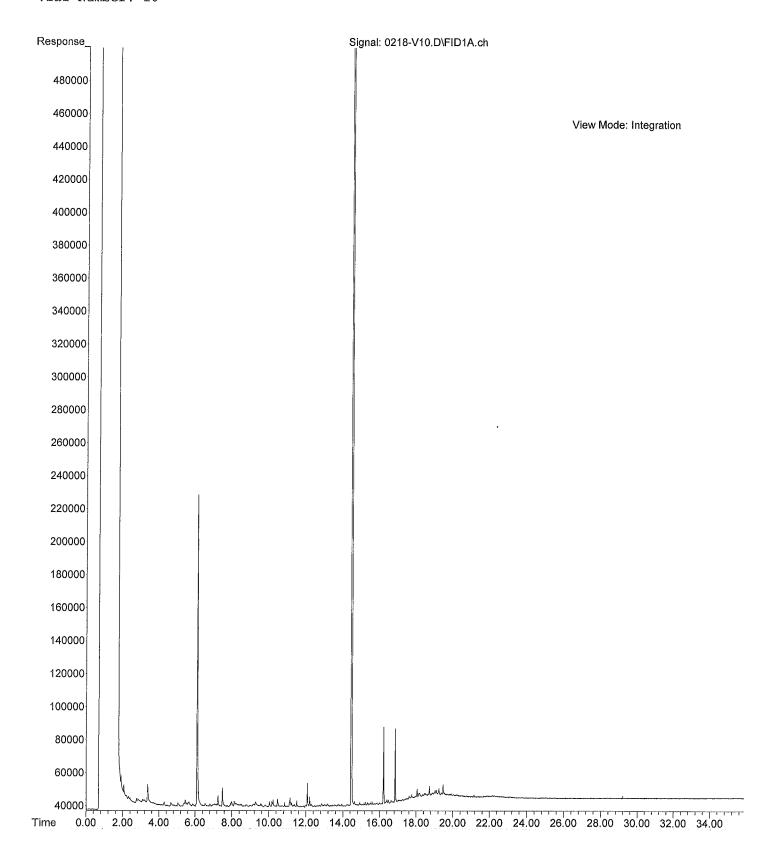


File :X:\DIESELS\Vigo\Data\V250218\0218-V10.D

Operator : LW

Acquired: 18 Feb 2025 15:32 using AcqMethod V241115F.M

Instrument: Vigo Sample Name: 02-176-03 Misc Info: Sample Vial Number: 10





December 4, 2024

Megan Poysnick Atlas GeoSciences NW PO Box 1009 Sumner, WA 98390

Re: Analytical Data for Project 02-0266-A Laboratory Reference No. 2411-259

Dear Megan:

Enclosed are the analytical results and associated quality control data for samples submitted on November 19, 2024.

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

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

Sincerely,

David Baumeister Project Manager

Enclosures

Laboratory Reference: 2411-259

Project: 02-0266-A

Case Narrative

Samples were collected on November 18, 2024 and received by the laboratory on November 19, 2024. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below. However the soil results for the QA/QC samples are reported on a wet-weight basis.

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

Laboratory Reference: 2411-259

Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D

| Offits. Hig/kg | | | | Date | Date | |
|----------------------------|------------------|----------------|-----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| Client ID: | GMW4-25 | | | | | |
| Laboratory ID: | 11-259-08 | | | | | |
| Vinyl Chloride | ND | 0.0011 | EPA 8260D | 11-27-24 | 11-27-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.0011 | EPA 8260D | 11-27-24 | 11-27-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.0011 | EPA 8260D | 11-27-24 | 11-27-24 | |
| 1,2-Dichloroethane | ND | 0.0011 | EPA 8260D | 11-27-24 | 11-27-24 | |
| Trichloroethene | ND | 0.0011 | EPA 8260D | 11-27-24 | 11-27-24 | |
| Tetrachloroethene | 0.0022 | 0.0011 | EPA 8260D | 11-27-24 | 11-27-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 95 | 69-124 | | | | |
| Toluene-d8 | 100 | 80-118 | | | | |
| 4-Bromofluorobenzene | 101 | 75-123 | | | | |
| | | | | | | |
| | | | | | | |
| Client ID: | GMW4-50 | | | | | |
| Laboratory ID: | 11-259-13 | | | | | |
| Vinyl Chloride | ND | 0.00094 | EPA 8260D | 11-27-24 | 11-27-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.00094 | EPA 8260D | 11-27-24 | 11-27-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.00094 | EPA 8260D | 11-27-24 | 11-27-24 | |
| 1,2-Dichloroethane | ND | 0.00094 | EPA 8260D | 11-27-24 | 11-27-24 | |
| Trichloroethene | ND | 0.00094 | EPA 8260D | 11-27-24 | 11-27-24 | |
| Tetrachloroethene | ND | 0.00094 | EPA 8260D | 11-27-24 | 11-27-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 102 | 69-124 | | | | |
| Toluene-d8 | 100 | 80-118 | | | | |
| 4-Bromofluorobenzene | 103 | 75-123 | | | | |
| | | | | | | |
| | | | | | | |
| Client ID: | GMW5-6 | | | | | |
| Laboratory ID: | 11-259-15 | | | | | |
| Vinyl Chloride | ND | 0.0011 | EPA 8260D | 11-27-24 | 11-27-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.0011 | EPA 8260D | 11-27-24 | 11-27-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.0011 | EPA 8260D | 11-27-24 | 11-27-24 | |
| 1,2-Dichloroethane | ND | 0.0011 | EPA 8260D | 11-27-24 | 11-27-24 | |
| Trichloroethene | ND | 0.0011 | EPA 8260D | 11-27-24 | 11-27-24 | |
| Tetrachloroethene | 0.013 | 0.0011 | EPA 8260D | 11-27-24 | 11-27-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 103 | 69-124 | | | | |
| Toluene-d8 | 100 | 80-118 | | | | |
| 4-Bromofluorobenzene | 106 | 75-123 | | | | |
| | | | | | | |

Laboratory Reference: 2411-259

Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D

| | | | | Date | Date | |
|----------------------------|------------------|----------------|-----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| Client ID: | GMW5-30 | | | | | _ |
| Laboratory ID: | 11-259-22 | | | | | |
| Vinyl Chloride | ND | 0.0012 | EPA 8260D | 11-27-24 | 11-27-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.0012 | EPA 8260D | 11-27-24 | 11-27-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.0012 | EPA 8260D | 11-27-24 | 11-27-24 | |
| 1,2-Dichloroethane | ND | 0.0012 | EPA 8260D | 11-27-24 | 11-27-24 | |
| Trichloroethene | ND | 0.0012 | EPA 8260D | 11-27-24 | 11-27-24 | |
| Tetrachloroethene | 0.031 | 0.0012 | EPA 8260D | 11-27-24 | 11-27-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 102 | 69-124 | | | | |
| Toluene-d8 | 100 | 80-118 | | | | |
| 4-Bromofluorobenzene | 102 | 75-123 | | | | |
| | | | | | | |
| | | | | | | |
| Client ID: | GMW5-50 | | | | | |
| Laboratory ID: | 11-259-27 | | | | | |
| Vinyl Chloride | ND | 0.0012 | EPA 8260D | 11-27-24 | 11-27-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.0012 | EPA 8260D | 11-27-24 | 11-27-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.0012 | EPA 8260D | 11-27-24 | 11-27-24 | |
| 1,2-Dichloroethane | ND | 0.0012 | EPA 8260D | 11-27-24 | 11-27-24 | |
| Trichloroethene | ND | 0.0012 | EPA 8260D | 11-27-24 | 11-27-24 | |
| Tetrachloroethene | ND | 0.0012 | EPA 8260D | 11-27-24 | 11-27-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 99 | 69-124 | | | | |
| Toluene-d8 | 101 | 80-118 | | | | |
| 4-Bromofluorobenzene | 93 | 75-123 | | | | |

Laboratory Reference: 2411-259

Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

| | | | | Date | Date | |
|----------------------------|------------------|----------------|-----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB1127S1 | | | | | |
| Vinyl Chloride | ND | 0.0010 | EPA 8260D | 11-27-24 | 11-27-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.0010 | EPA 8260D | 11-27-24 | 11-27-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.0010 | EPA 8260D | 11-27-24 | 11-27-24 | |
| 1,2-Dichloroethane | ND | 0.0010 | EPA 8260D | 11-27-24 | 11-27-24 | |
| Trichloroethene | ND | 0.0010 | EPA 8260D | 11-27-24 | 11-27-24 | |
| Tetrachloroethene | ND | 0.0010 | EPA 8260D | 11-27-24 | 11-27-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 101 | 69-124 | | | | |
| Toluene-d8 | 100 | 80-118 | | | | |
| 4-Bromofluorobenzene | 105 | 75-123 | | | | |

| | | | | | Per | cent | Recovery | | | |
|----------------------------|--------|--------|--------|--------|-----|----------|----------|-----|-------|-------|
| Analyte | Res | ult | Spike | Level | Rec | Recovery | | RPD | Limit | Flags |
| SPIKE BLANKS | | | | | | | | | | |
| Laboratory ID: | SB11: | 27S1 | | | | | | | | |
| | SB | SBD | SB | SBD | SB | SBD | | | | |
| Vinyl Chloride | 0.0558 | 0.0568 | 0.0500 | 0.0500 | 112 | 114 | 52-141 | 2 | 20 | |
| (trans) 1,2-Dichloroethene | 0.0555 | 0.0568 | 0.0500 | 0.0500 | 111 | 114 | 74-131 | 2 | 15 | |
| (cis) 1,2-Dichloroethene | 0.0561 | 0.0579 | 0.0500 | 0.0500 | 112 | 116 | 71-136 | 3 | 15 | |
| 1,2-Dichloroethane | 0.0543 | 0.0535 | 0.0500 | 0.0500 | 109 | 107 | 70-133 | 1 | 15 | |
| Trichloroethene | 0.0556 | 0.0569 | 0.0500 | 0.0500 | 111 | 114 | 80-130 | 2 | 15 | |
| Tetrachloroethene | 0.0513 | 0.0577 | 0.0500 | 0.0500 | 103 | 115 | 80-130 | 12 | 15 | |
| Surrogate: | | | | | | | | | | |
| Dibromofluoromethane | | | | | 102 | 102 | 69-124 | | | |
| Toluene-d8 | | | | | 101 | 101 | 80-118 | | | |
| 4-Bromofluorobenzene | | | | | 108 | 89 | 75-123 | | | |

Laboratory Reference: 2411-259 Project: 02-0266-A

% MOISTURE

| Client ID | Lab ID | % Moisture | Date Analyzed |
|-----------|-----------|------------|------------------|
| GMW4-25 | 11-259-08 | 8 | 11-27-24 |
| GMW4-50 | 11-259-13 | 18 | 11-27-24 |
| GMW5-6 | 11-259-15 | 5 | 11-27-24 |
| GMW5-30 | 11-259-22 | 8 | 11-27-24 |
| GMW5-50 | 11-259-27 | 24 | 11-27-24 |



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



Environmental Inc. Analytical Laboratory Testing Services 14648, NF Ooth Street - Redmond WA 98

Chain of Custody

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| | | () | Nimber & Jane | Van | Jan | Nameter | Signature, | MWH-35 | 3 MW4-30 | GMNH-25 | 6 MW4-20 | BMWH-15 | BMMH-IO | 14-9 | リーナ | H-6 | 4-5 | Sample Identification | | Liz Rochman | Way | Jaiolo-A | grasciences NM | 14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com |
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Environmental Inc. Analytical Laboratory Testing Services 14648 NE 95th Street - Redmond, WA 9808

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| | Phone: (425) 883-3881 • www.onsite-env.com | |



November 26, 2024

Liz Rachman Atlas GeoSciences NW PO Box 1009 Sumner, WA 98390

Re: Analytical Data for Project 02-0266-C

Laboratory Reference No. 2411-260

Dear Liz:

Enclosed are the analytical results and associated quality control data for samples submitted on November 19, 2024.

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

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

Sincerely,

David Baumeister Project Manager

Enclosures

Project: 02-0266-C

Case Narrative

Samples were collected on November 18, 2024 and received by the laboratory on November 19, 2024. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below. However the soil results for the QA/QC samples are reported on a wet-weight basis.

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

Laboratory Reference: 2411-260

Project: 02-0266-C

GASOLINE RANGE ORGANICS/BTEX NWTPH-Gx/EPA 8021B

Matrix: Soil

Units: mg/kg (ppm)

| ome. mg/ng (ppm) | | | | Date | Date | |
|------------------|------------------|----------------|-----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| Client ID: | B6-4-5 | | | | | |
| Laboratory ID: | 11-260-02 | | | | | |
| Benzene | ND | 0.020 | EPA 8021B | 11-25-24 | 11-25-24 | |
| Toluene | ND | 0.063 | EPA 8021B | 11-25-24 | 11-25-24 | |
| Ethylbenzene | ND | 0.063 | EPA 8021B | 11-25-24 | 11-25-24 | |
| m,p-Xylene | ND | 0.063 | EPA 8021B | 11-25-24 | 11-25-24 | |
| o-Xylene | ND | 0.063 | EPA 8021B | 11-25-24 | 11-25-24 | |
| Gasoline | ND | 6.3 | NWTPH-Gx | 11-25-24 | 11-25-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Fluorobenzene | 110 | 62-134 | | | | |
| Client ID: | B6-9-10 | | | | | |
| Laboratory ID: | 11-260-04 | | | | | |
| Benzene | ND | 0.020 | EPA 8021B | 11-25-24 | 11-25-24 | |
| Toluene | ND | 0.058 | EPA 8021B | 11-25-24 | 11-25-24 | |
| Ethylbenzene | ND | 0.058 | EPA 8021B | 11-25-24 | 11-25-24 | |
| m,p-Xylene | ND | 0.058 | EPA 8021B | 11-25-24 | 11-25-24 | |
| o-Xylene | ND | 0.058 | EPA 8021B | 11-25-24 | 11-25-24 | |
| Gasoline | ND | 5.8 | NWTPH-Gx | 11-25-24 | 11-25-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Fluorobenzene | 109 | 62-134 | | | | |
| Client ID: | B8-4-5 | | | | | |
| Laboratory ID: | 11-260-11 | | | | | |
| Benzene | ND | 0.020 | EPA 8021B | 11-25-24 | 11-25-24 | |
| Toluene | ND | 0.055 | EPA 8021B | 11-25-24 | 11-25-24 | |
| Ethylbenzene | ND | 0.055 | EPA 8021B | 11-25-24 | 11-25-24 | |
| m,p-Xylene | ND | 0.055 | EPA 8021B | 11-25-24 | 11-25-24 | |
| o-Xylene | ND | 0.055 | EPA 8021B | 11-25-24 | 11-25-24 | |
| Gasoline | ND | 5.5 | NWTPH-Gx | 11-25-24 | 11-25-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Fluorobenzene | 99 | 62-134 | | | | |

Laboratory Reference: 2411-260

Project: 02-0266-C

GASOLINE RANGE ORGANICS/BTEX NWTPH-Gx/EPA 8021B

Matrix: Soil

Units: mg/kg (ppm)

| | | | | Date | Date | |
|----------------|------------------|----------------|-----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| Client ID: | B8-10-11 | | | | | |
| Laboratory ID: | 11-260-13 | | | | | |
| Benzene | ND | 0.020 | EPA 8021B | 11-25-24 | 11-25-24 | |
| Toluene | ND | 0.057 | EPA 8021B | 11-25-24 | 11-25-24 | |
| Ethylbenzene | ND | 0.057 | EPA 8021B | 11-25-24 | 11-25-24 | |
| m,p-Xylene | ND | 0.057 | EPA 8021B | 11-25-24 | 11-25-24 | |
| o-Xylene | ND | 0.057 | EPA 8021B | 11-25-24 | 11-25-24 | |
| Gasoline | ND | 5.7 | NWTPH-Gx | 11-25-24 | 11-25-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Fluorobenzene | 101 | 62-134 | | | | |
| Client ID: | B9-5-6 | | | | | |
| Laboratory ID: | 11-260-16 | | | | | |
| Benzene | ND | 0.020 | EPA 8021B | 11-25-24 | 11-25-24 | |
| Toluene | ND | 0.054 | EPA 8021B | 11-25-24 | 11-25-24 | |
| Ethylbenzene | ND | 0.054 | EPA 8021B | 11-25-24 | 11-25-24 | |
| m,p-Xylene | ND | 0.054 | EPA 8021B | 11-25-24 | 11-25-24 | |
| o-Xylene | ND | 0.054 | EPA 8021B | 11-25-24 | 11-25-24 | |
| Gasoline | ND | 5.4 | NWTPH-Gx | 11-25-24 | 11-25-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Fluorobenzene | 87 | 62-134 | | | | |

87 Fluorobenzene 62-134

Laboratory Reference: 2411-260

Project: 02-0266-C

GASOLINE RANGE ORGANICS/BTEX NWTPH-Gx/EPA 8021B QUALITY CONTROL

Matrix: Soil

Units: mg/kg (ppm)

| | | | | Date | Date | |
|----------------|------------------|----------------|-----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB1126S1 | | | | | |
| Benzene | ND | 0.020 | EPA 8021B | 11-25-24 | 11-25-24 | |
| Toluene | ND | 0.050 | EPA 8021B | 11-25-24 | 11-25-24 | |
| Ethylbenzene | ND | 0.050 | EPA 8021B | 11-25-24 | 11-25-24 | |
| m,p-Xylene | ND | 0.050 | EPA 8021B | 11-25-24 | 11-25-24 | |
| o-Xylene | ND | 0.050 | EPA 8021B | 11-25-24 | 11-25-24 | |
| Gasoline | ND | 5.0 | NWTPH-Gx | 11-25-24 | 11-25-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | • |

Surrogate: Percent Recovery Control Limits Fluorobenzene 100 62-134

| Analyte | Res | sult | Spike | Level | Source Result | Percent Recovery | Recovery Limits | RPD | RPD Limit | Flags |
|----------------|-------|-------|-------|-------|------------------|---------------------|--------------------|-----|--------------|-------|
| DUPLICATE | | | | | | | | | | |
| Laboratory ID: | 11-26 | 60-02 | | | | | | | | |
| | ORIG | DUP | | | | | | | | |
| Benzene | ND | ND | NA | NA | | NA | NA | NA | 30 | |
| Toluene | ND | ND | NA | NA | | NA | NA | NA | 30 | |
| Ethylbenzene | ND | ND | NA | NA | | NA | NA | NA | 30 | |
| m,p-Xylene | ND | ND | NA | NA | | NA | NA | NA | 30 | |
| o-Xylene | ND | ND | NA | NA | | NA | NA | NA | 30 | |
| Gasoline | ND | ND | NA | NA | | NA | NA | NA | 30 | |
| Surrogate: | | | | | | | | | | |
| Fluorobenzene | | | | | | 110 103 | 62-134 | | | |
| SPIKE BLANKS | | | | | | | | | | |
| l -ltID- | 0044 | 0004 | | | | | | | | |

| O | | | | | | | | | | |
|----------------|-------|-------|------|------|----|-----|--------|---|----|--|
| Laboratory ID: | SB11 | I26S1 | | | | | | | | |
| | SB | SBD | SB | SBD | SB | SBD | | | | |
| Benzene | 0.834 | 0.890 | 1.00 | 1.00 | 83 | 89 | 72-119 | 6 | 10 | |
| Toluene | 0.869 | 0.927 | 1.00 | 1.00 | 87 | 93 | 75-122 | 6 | 10 | |
| Ethylbenzene | 0.885 | 0.944 | 1.00 | 1.00 | 89 | 94 | 75-121 | 6 | 10 | |
| m,p-Xylene | 0.890 | 0.945 | 1.00 | 1.00 | 89 | 95 | 76-122 | 6 | 11 | |
| o-Xylene | 0.886 | 0.938 | 1.00 | 1.00 | 89 | 94 | 77-122 | 6 | 11 | |
| Surrogate: | | | | | | | | | | |

62-134

Surrogate:
Fluorobenzene 91 97

Laboratory Reference: 2411-260

Project: 02-0266-C

DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx

Matrix: Soil

Units: mg/Kg (ppm)

| | | | | Date | Date | |
|-------------------------|------------------|----------------|----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| Client ID: | B6-4-5 | | | | | |
| Laboratory ID: | 11-260-02 | | | | | |
| Diesel Range Organics | ND | 30 | NWTPH-Dx | 11-26-24 | 11-26-24 | |
| Lube Oil Range Organics | ND | 60 | NWTPH-Dx | 11-26-24 | 11-26-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| o-Terphenyl | 66 | 50-150 | | | | |
| Client ID: | B6-9-10 | | | | | |
| Laboratory ID: | 11-260-04 | | | | | |
| Diesel Range Organics | ND | 27 | NWTPH-Dx | 11-26-24 | 11-26-24 | |
| Lube Oil Range Organics | ND | 54 | NWTPH-Dx | 11-26-24 | 11-26-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| o-Terphenyl | 74 | 50-150 | | | | |

Laboratory Reference: 2411-260

Project: 02-0266-C

DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx QUALITY CONTROL

Matrix: Soil

Units: mg/Kg (ppm)

| | | | | Date | Date | |
|-------------------------|------------------|----------------|----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| METHOD BLANK | | | | | | _ |
| Laboratory ID: | MB1126S1 | | | | | |
| Diesel Range Organics | ND | 25 | NWTPH-Dx | 11-26-24 | 11-26-24 | _ |
| Lube Oil Range Organics | ND | 50 | NWTPH-Dx | 11-26-24 | 11-26-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | _ |
| o-Terphenyl | 84 | 50-150 | | | | |

| | | | | | Source | Per | cent | Recovery | | RPD | |
|----------------|-------|-------|-------|-------|--------|------|------|----------|-----|-------|-------|
| Analyte | Res | sult | Spike | Level | Result | Reco | very | Limits | RPD | Limit | Flags |
| DUPLICATE | | | | | | | | | | | |
| Laboratory ID: | 11-26 | 60-02 | | | | | | | | | |
| | ORIG | DUP | | | | | | | | | |
| Diesel Range | ND | ND | NA | NA | | N | Α | NA | NA | 40 | |
| Lube Oil Range | ND | ND | NA | NA | | N | Α | NA | NA | 40 | |
| Surrogate: | | | | | | | | | | | |
| o-Terphenyl | | | | | | 66 | 69 | 50-150 | | | |

Laboratory Reference: 2411-260

Project: 02-0266-C

% MOISTURE

| Client ID | Lab ID | % Moisture | Date Analyzed |
|-----------|-----------|------------|------------------|
| B6-4-5 | 11-260-02 | 16 | 11-25-24 |
| B6-9-10 | 11-260-04 | 8 | 11-25-24 |
| B8-4-5 | 11-260-11 | 4 | 11-25-24 |
| B8-10-11 | 11-260-13 | 9 | 11-25-24 |
| B9-5-6 | 11-260-16 | 8 | 11-25-24 |



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 980

Chain of Custody

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| Chromatograms with final reportX Electronic Data Deliverables (EDDs) | | Reviewed/Date | Reviewed/Date | "D |
|--|----------------------------|---|---|-----|
| Data Package: Standard X Level III □ Level IV □ | | | Received | 20 |
| | | | Relinquished | 23 |
| | 11/19/24/1040 | 086 | Received Nichala Black | 20 |
| A second second | 11/11/24 1040 | more | Relinquished | 77 |
| V-Added Wig/24 DR (STA) | 1/19/24 0852 | y Soly | Received | Į " |
| Megan: mpoysnicke attasgeonw.com | 1/19/21 0857 | 17/10/500 | Relinquished Hans | Į, |
| Comments/Special Instructions | Date Time | Company | Signature | 0.3 |
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| | | 1035 | 3 86-5-6 | (n) |
| × | × × | 1 1019 1 5 | 2 Bb-4-5 | 2 |
| | | 11/18/24/10/17 Soil E | 1 Bb-0-1 | _ |
| (with let PAHs and PA | NWTP NWTP Volatile Haloge | Date Time Sampled Matrix | Lab ID Sample Identification | Lab |
| ochlorine ophosph nated Aci RCRA Me MTCA Me Metals oil and gr | PH-Dx (Soes 8260 enated Vo | (other) | | Sar |
| PAHs) I (low- Pestic orus P id Hert stals | G Clea | ntaine | Project Manager: | Pro |
| level) cides 80 esticides | n-up [] | Standard (7 Days) | Project Name: Bellyvule Way | 770 |
| es 8270 |) | 2 Days 3 Days | 02-03UC-C | , |
| D/SIM | | Same Day 1 Day | Atlas beosciences NW | Pro |
| | | (Check One) | Company: | ဂ္ဂ |
| 11-260 | Laboratory Number: | Turnaround Request (in working days) | Analytical Laboratory Testing Services 14648 NE 95th Street • Redmond, WA 98052 | |

INC. OnSite Environmental Inc. Analytical Laboratory Testing Services 14648 NE 95th Street - Redmond, WA 98052

Chain of Custody

| | ->50 | Laboratory Number: | Turnaround Request (in working days) | ratory Testing Services th Street • Redmond, WA 98052 |
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| in San | | | | |

| Reviewed/Date | Received | Relinquished | Received | Relinquished | Received | Relinquished | | П | 20 | 5 | 16 | 2 | F | 5 | 2 | = | Lab ID | Sampled by: | Project Manager | Project Name: | Project Number: |
|--------------------------------------|----------------------|--------------|--------------|---------------------------------------|----------|--------------|-------------------------------|---|----------|---------|--------|--------|----------|----------|---------|-----------|--|---|-----------------------|---------------|-------------------------|
| d/Date | 6. | shed | Mounty Sylvi | shed |) am | Agricul X | Signature | 1 | 89-14-15 | B9-9-10 | B9-5-6 | B9-4-5 | B8-12-13 | B8-10-11 | B8-9-10 | B8-4-5 | Sample Identification | AN POYSMICK LIZ RACHUMAN | Bellevue May | 02-0244-A | HATIUS CAEOSCIENCES NIN |
| 20 | | | | am | | 5 | Con | | 4 | | | | | 1 202 | _ | 11/18/24 | Date Sampled | | Standard (7 Days) | ☐ 2 Days | Same Day |
| Reviewed/Date | | | 8 | S S S S S S S S S S S S S S S S S S S | Solu | Atlas fred | Company | | 1240 V | 1235 | 232 | 1225 | 1206 | 1202 | 1150 | 1142 Soil | Time Sampled Matrix | (other) | ard (7 Days) | 3 Days | Day 1 Day |
| | | | | | | | 1 | | 101 | 2 | 5 | N | U | 5 | a | N | | er of Contain | ners | | |
| | | | 11/19/24 | 11/19/24 | U/M/24 | 11/19/24 | Date | | | | | | | | | | NWTP | H-Gx/BTEX (H-Gx H-Dx (SG Ck | | |) |
| | | | 1040 | 1040 | 0852 | 0850 | Time | | | | | | | | | | J. Christian C. | es 8260 enated Volatil PA 8011 (Wa | | Λ. | |
| Chromatograms with final report X | Data Package: S | | | | LX | 100 | Comments/Special Instructions | | | | | | | | | | Semivo (with lo PAHs & PCBs & | olatiles 8270/ ow-level PAH: 3270/SIM (lov | SIM s) v-level) | 70: | |
| | Standard X Level III | | | | | | Instructions | | | | | | | | | | Chlorin Total R | ophosphorus nated Acid He CRA Metals ITCA Metals | | | D/SIM |
| Electronic Data [| III □ Level IV | | | | | | | | | | | | | | | | TCLP N | Metals bil and grease | e) 1664 | | |
| Electronic Data Deliverables (EDDs)X | N | | | | | | | | | | * | | | X | | × | 37 | EX E | EPA | ୫୯ | 21 |
| Ds | | | | | | | | | | | 7 | | | ., | | 7 | % Mois | ture | | 18-71 | |

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Page of 2



December 2, 2024

Liz Rachman Atlas GeoSciences NW PO Box 1009 Sumner, WA 98390

Re: Analytical Data for Project 02-0266-C

Laboratory Reference No. 2411-260B

Dear Liz:

Enclosed are the analytical results and associated quality control data for samples submitted on November 19, 2024.

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

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

Sincerely,

David Baumeister Project Manager

Enclosures

Project: 02-0266-C

Case Narrative

Samples were collected on November 18, 2024 and received by the laboratory on November 19, 2024. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below. However the soil results for the QA/QC samples are reported on a wet-weight basis.

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

Project: 02-0266-C

GASOLINE RANGE ORGANICS NWTPH-Gx

Matrix: Soil

Units: mg/kg (ppm)

| | | | | Date | Date | |
|----------------|------------------|----------------|----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| Client ID: | B9-5-6 | | | | | |
| Laboratory ID: | 11-260-16 | | | | | |
| Gasoline | ND | 5.4 | NWTPH-Gx | 11-25-24 | 11-25-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Fluorobenzene | 87 | 62-134 | | | | |

Project: 02-0266-C

GASOLINE RANGE ORGANICS NWTPH-Gx QUALITY CONTROL

Matrix: Soil

Units: mg/kg (ppm)

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|----------------|------------------|----------------|----------|------------------|------------------|-------|
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB1126S1 | | | | | |
| Gasoline | ND | 5.0 | NWTPH-Gx | 11-25-24 | 11-25-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Fluorobenzene | 100 | 62-134 | | | | |

| Analyte | Res | sult | Spike | Level | Source Result | Percent Recovery | Recovery Limits | RPD | RPD Limit | Flags |
|----------------|-------|-------|-------|-------|------------------|---------------------|--------------------|-----|--------------|-------|
| DUPLICATE | | | | | | | | | | |
| Laboratory ID: | 11-26 | 60-02 | | | | | | | | |
| | ORIG | DUP | | | | | | | | |
| Gasoline | ND | ND | NA | NA | | NA | NA | NA | 30 | |
| Surrogate: | | | | | | | | | | |
| Fluorobenzene | | | | | | 110 103 | 62-134 | | | |

Project: 02-0266-C

TOTAL METALS EPA 6010D/7471B

Matrix: Soil

Units: mg/Kg (ppm)

| | | | | Date | Date | |
|----------------|-----------|------|-----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| Client ID: | B7-5-6 | | | | | |
| Laboratory ID: | 11-260-08 | | | | | |
| Arsenic | ND | 11 | EPA 6010D | 12-2-24 | 12-2-24 | _ |
| Barium | 26 | 2.7 | EPA 6010D | 12-2-24 | 12-2-24 | |
| Cadmium | ND | 0.54 | EPA 6010D | 12-2-24 | 12-2-24 | |
| Chromium | 16 | 0.54 | EPA 6010D | 12-2-24 | 12-2-24 | |
| Lead | ND | 5.4 | EPA 6010D | 12-2-24 | 12-2-24 | |
| Mercury | ND | 0.27 | EPA 7471B | 12-2-24 | 12-2-24 | |
| Selenium | ND | 11 | EPA 6010D | 12-2-24 | 12-2-24 | |
| Silver | ND | 1.1 | EPA 6010D | 12-2-24 | 12-2-24 | |

Project: 02-0266-C

TOTAL METALS EPA 6010D/7471B QUALITY CONTROL

Matrix: Soil

Units: mg/Kg (ppm)

| | | | | Date | Date | |
|----------------|-----------|------|-----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB1202SM1 | | | | | |
| Arsenic | ND | 10 | EPA 6010D | 12-2-24 | 12-2-24 | |
| Barium | ND | 2.5 | EPA 6010D | 12-2-24 | 12-2-24 | |
| Cadmium | ND | 0.50 | EPA 6010D | 12-2-24 | 12-2-24 | |
| Chromium | ND | 0.50 | EPA 6010D | 12-2-24 | 12-2-24 | |
| Lead | ND | 5.0 | EPA 6010D | 12-2-24 | 12-2-24 | |
| Selenium | ND | 10 | EPA 6010D | 12-2-24 | 12-2-24 | |
| Silver | ND | 1.0 | EPA 6010D | 12-2-24 | 12-2-24 | |
| Laboratory ID: | MB1202S1 | | | | | |
| Mercury | ND | 0.25 | EPA 7471B | 12-2-24 | 12-2-24 | |

| | | | | | Source | Pe | rcent | Recovery | | RPD | |
|----------------|-------|-------|-------|-------|--------|------------|-------|------------------|----------|-------|-------|
| Analyte | Res | sult | Spike | Level | Result | Rec | overy | Limits | RPD | Limit | Flags |
| DUPLICATE | | | | | | | | | | | |
| Laboratory ID: | 11-26 | 80-08 | | | | | | | | | |
| | ORIG | DUP | | | | | | | | | |
| Arsenic | ND | ND | NA | NA | | | NA | NA | NA | 20 | |
| Barium | 23.9 | 25.4 | NA | NA | | | NA | NA | 6 | 20 | |
| Cadmium | ND | ND | NA | NA | | | NA | NA | NA | 20 | |
| Chromium | 14.6 | 17.2 | NA | NA | | | NA | NA | 16 | 20 | |
| Lead | ND | ND | NA | NA | | | NA | NA | NA | 20 | |
| Selenium | ND | ND | NA | NA | | | NA | NA | NA | 20 | |
| Silver | ND | ND | NA | NA | | | NA | NA | NA | 20 | |
| | | | | | | | | | | | |
| Laboratory ID: | 10-40 | 05-21 | | | | | | | | | |
| Mercury | ND | ND | NA | NA | | | NA | NA | NA | 20 | |
| MATRIX SPIKES | | | | | | | | | | | |
| Laboratory ID: | 11 20 | 60-08 | | | | | | | | | |
| Laboratory ID. | MS | MSD | MS | MSD | | MS | MSD | | | | |
| Arsenic | 85.4 | 84.5 | | | ND | 85 | 85 | 75 405 | 4 | 20 | |
| | | | 100 | 100 | ND | | | 75-125 75-425 | 1 | 20 | |
| Barium | 112 | 110 | 100 | 100 | 23.9 | 89 | 86 | 75-125 | 2 | 20 | |
| Cadmium | 41.9 | 41.2 | 50.0 | 50.0 | ND | 84 | 82 | 75-125 | 2 | 20 | |
| Chromium | 107 | 104 | 100 | 100 | 14.6 | 92 | 89 | 75-125 | 3 | 20 | |
| Lead | 226 | 222 | 250 | 250 | ND | 90 | 89 | 75-125 | 2 | 20 | |
| Selenium | 88.2 | 85.6 | 100 | 100 | ND | 88 | 86 | 75-125 | 3 | 20 | |
| Silver | 19.7 | 19.6 | 25.0 | 25.0 | ND | 79 | 78 | 75-125 | 1 | 20 | |
| Laboratory ID: | 10-40 | 05-21 | | | | | | | | | |
| Mercury | 0.514 | 0.518 | 0.500 | 0.500 | 0.0174 | 99 | 100 | 80-120 | 1 | 20 | |
| ivier cur y | 0.514 | 0.010 | 0.500 | 0.300 | 0.0174 | <i>J J</i> | 100 | 00-120 | <u> </u> | 20 | |

% MOISTURE

| | | | Date |
|-----------|-----------|------------|----------|
| Client ID | Lab ID | % Moisture | Analyzed |
| B7-5-6 | 11-260-08 | 7 | 12-2-24 |
| B9-5-6 | 11-260-16 | 8 | 11-25-24 |



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



Environmental Inc. Analytical Laboratory Testing Services 14648 NE 95th Street - Redmond, WA 98052

Chain of Custody

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| Reviewed/Date | Received | Relinquished | Received | Relinquished | Received | Relinquished | | 10 | هـ | ∞ | 7 | 6 | N | ح | m | 2 | - | Lab ID | Sampled by H | Project Name: | | Project Number | Company: | |
|---|--------------------------------|--------------|--------------|------------------|-----------------------|----------------------------------|-------------------------------|----------|--------|--------------|--------|----------|-------------------|-----------------------|--------|--------|--------------------|-------------------------------------|---|------------------------|-------------------|---------------------|---|---|
| 166 | | | Di Chulu Bli | Vain | \/a | Donde | Signature | 87-14-15 | B7-8-9 | 37-5-6 | B7-4-5 | Bb-14-15 | Bb-10-12 Bb-10-11 | Bu-9-10 | B6-5-6 | Bu-4-5 | B6-0-1 | Sample Identification | an Poysince Lit Zachman | HOUSE WAY | 02-02100-C | las beosciences NIN | Prione: (425) 883-3881 • www.onsite-env.com | Analytical Laboratory Testing Services 14648 NE 95th Street • Redmond, WA 98052 |
| Reviewed/Date | | 3 | 086 | mode | W Soly | A40 60 | Company | W 1125 V |) IIIO | 2011 | 1100 | 1275 | 123 | 1030 | 1035 | 1019 | 11/18/24/10/7 Soil | Date Time Sampled Sampled Matrix | (other) | Standard (7 Days) | ☐ 2 Days ☐ 3 Days | Same Day 1 Day | (Check One) | Turnaround Request (in working days) |
| | | • | 11/19/24 | 11/19/24 | 11/19/24 | 11/19/24 | Date 1 | 5 | 5 | \(\sigma \) | 9 | S | S | \ \ \ \ \ | 5 | 5 × × | 0 | NWTP NWTP NWTP | PH-HCID PH-Gx/BTEX (80 PH-Gx PH-Gx PH-Gx PH-Dx (SG Cleaners 8260 | 021 82 | 260□) | 20 (1) | | Laboratory N |
| Chromatograms | Data Package: | | NOVO (1) | 040 | 1852 Y-01 | 357 Megan: mi | Time Comments/Sper | | | | | | | | | | | EDB E Semiv (with le | enated Volatiles PA 8011 (Wate olatiles 8270/SI bw-level PAHs) 8270/SIM (low- | rs Only) | 04 | | | Number: $11-2$ |
| Chromatograms with final reportX ☐ Electronic Data Deliverables (EDDs) [文 | Standard X Level III Level IV | | | 11-d 1/07/24. DR | Anded Wigler DR (STA) | Megan: mpoysnicke attasgeonw.com | Comments/Special Instructions | | | 8 | | | | | | | | Organo Chlorin Total F Total M TCLP | ochlorine Pesticophosphorus Penated Acid Herlace Acid Herlace Acid Herlace Acid Herlace Acid Metals Acid Metals Metals Dill and grease) | esticides picides 8 | s 8270 | /SIM | | 60 |
|) (S) | | | | | | | | | | (X) | | | | X | | _ | | % Mois | sture | | | | - | |

Analytical Laboratory Testing Services 14648 NE 95th Street - Redmond, WA 98052

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| Reviewed/Date | Received | Relinquished | Received | Relinquished | Heceived | nemiquismed | Dolling | | 18 BC | 17 B9 | 14 B9 | 15 B9 | d _{v,1} | 3 | | 11 BS | Lab ID | Med an Poysnick Sampled by: HVS | Project Manager: Bellev | 02-0 | Atlas Grasciences | Company: |
|--|------------------------------------|--------------|---------------|---------------|--------------|---------------|--|-----------|----------|-------|--------|-------|------------------|----------|---------|-------------------|--|---|----------------------------|-------------------|-------------------|--|
| | | | Nowth Rules | /am |) am | Januar Xp | A Constitution of the Cons | Signature | 9-14-15 | | 9-5-6 | 9-4-5 | B8-12-13 | 11-01-88 | B8-9-10 | B8-4-8 | Sample Identification | CK LIZ ROCHMAIN | Bellevue Way | 02-021ULA | easciences NIM | Phone: (425) 883-3881 • www.onsite-env.com |
| Reviewed/Date | | 000 | | N Social | Som | Atlas fred | Lompany | Commen | ₩ 1240 W | 1235 | 1,23,2 | 1225 | 1200 | 1302 | | 11/18/24/142 Soil | Date Time Sampled Sampled Matrix | (other) | Standard (7 Days) | ☐ 2 Days ☐ 3 Days | Same Day 1 Day | (Check One) |
| | | | יוופוט ופוויי | 11/19/24 /n4n | W/19/24 0852 | 1980 19/11/11 | Date Time | | | 5 | 5 (X) | 5 | | | | | NWTPI NWTPI NWTPI Volatile Haloge | er of Containe H-HCID H-Gx/BTEX (80 H-Gx H-Dx (SG Clea es 8260 enated Volatiles | 02 1 82 n-up □) 8260 | 260 🗌) | | |
| Chromatograms with final report XI Flectronic Data Deliverables (EDDs-XII) | Data Package: Standard X Level III | | | | | | Comments/Special Instructions | | | | | | | | | | Semivo (with lo PAHs 8 Organo Organo Chlorina | olatiles 8270/SI w-level PAHs) 270/SIM (low-l | evel) ides 808 | 8270/ | SIM | |
| ectronic Data Deliverables (EDDs) | I 🗆 Level IV 🗆 | | | | | | | | | | * | | | × | | * | | letals I and grease) 1 | | 204 | 1 | |
| 7 | | | | | | | | | | 1 | * | |) | × | | × | % Moist | ure | | | | |



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

December 4, 2024

Megan Poysnick Atlas GeoSciences NW PO Box 1009 Sumner, WA 98390

Re: Analytical Data for Project 02-0266-A

Laboratory Reference No. 2411-284

Dear Megan:

Enclosed are the analytical results and associated quality control data for samples submitted on November 20, 2024.

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

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

Sincerely,

David Baumeister Project Manager

Enclosures



Laboratory Reference: 2411-284

Project: 02-0266-A

Case Narrative

Samples were collected on November 19, 2024 and received by the laboratory on November 20, 2024. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below. However the soil results for the QA/QC samples are reported on a wet-weight basis.

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

Volatiles EPA 8260D Analysis

All four internal standards did not meet acceptance criteria for sample GMW6-35. The sample was re-analyzed with similar results. Leaks in the sealed VOA environment caused by grit between the VOA lip and VOA cap septum have been shown to cause low internal standard recovery. Method 5035A states that for low-level VOC analysis the purge-and-trap system employed must be capable of agitating the sealed sample during the purging process. The purge-and-trap system that OnSite Environmental utilizes for the analysis of low-level VOCs has a stir motor that spins a magnetic stir bar within the sample thereby agitating the sample and providing more efficient purging. Due to the aforementioned failed analyses, a VOA vial without a stir bar was analyzed and reported for the low-level VOC analysis.

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

Laboratory Reference: 2411-284

Project: 02-0266-A

GASOLINE RANGE ORGANICS NWTPH-Gx

Matrix: Soil

Units: mg/kg (ppm)

| | | | | Date | Date | |
|----------------|------------------|----------------|----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| Client ID: | GMW7-7 | | | | | |
| Laboratory ID: | 11-284-20 | | | | | |
| Gasoline | ND | 5.5 | NWTPH-Gx | 11-27-24 | 11-27-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Fluorobenzene | 90 | 62-134 | | | | |

Laboratory Reference: 2411-284

Project: 02-0266-A

GASOLINE RANGE ORGANICS NWTPH-Gx QUALITY CONTROL

Matrix: Soil

Units: mg/kg (ppm)

| | | | | Date | Date | |
|----------------|------------------|----------------|----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB1127S1 | | | | | |
| Gasoline | ND | 5.0 | NWTPH-Gx | 11-27-24 | 11-27-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Fluorobenzene | 104 | 62-134 | | | | |

| Analyte | Res | sult | Spike | Level | Source Result | Percent Recovery | Recovery Limits | RPD | RPD Limit | Flags |
|----------------|-------|-------|-------|-------|------------------|---------------------|--------------------|-----|--------------|-------|
| DUPLICATE | | | | | | | | | | |
| Laboratory ID: | 11-28 | 34-20 | | | | | | | | |
| - | ORIG | DUP | | | | | | | | |
| Gasoline | ND | ND | NA | NA | | NA | NA | NA | 30 | |
| Surrogate: | | | | | | | | | | |
| Fluorobenzene | | | | | | 90 104 | 62-134 | | | |

M

Laboratory Reference: 2411-284

Project: 02-0266-A

DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx

Matrix: Soil

Units: mg/Kg (ppm)

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-------------------------|------------------|----------------|----------|------------------|------------------|-------|
| Client ID: | GMW7-7 | · | | • | • | |
| Laboratory ID: | 11-284-20 | | | | | |
| Diesel Range Organics | ND | 27 | NWTPH-Dx | 11-27-24 | 11-27-24 | |
| Lube Oil Range Organics | ND | 54 | NWTPH-Dx | 11-27-24 | 11-27-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| | | | | | | |

o-Terphenyl 84 50-150

Laboratory Reference: 2411-284

Project: 02-0266-A

DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx QUALITY CONTROL

Matrix: Soil

Units: mg/Kg (ppm)

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-------------------------|------------------|----------------|----------|------------------|------------------|-------|
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB1127S2 | | | | | |
| Diesel Range Organics | ND | 25 | NWTPH-Dx | 11-27-24 | 11-27-24 | _ |
| Lube Oil Range Organics | ND | 50 | NWTPH-Dx | 11-27-24 | 11-27-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| o-Terphenyl | 86 | 50-150 | | | | |

| | | | | | Source | Perc | ent | Recovery | | RPD | |
|----------------|-------|-------|-------|-------|--------|------|------|----------|-----|-------|-------|
| Analyte | Res | sult | Spike | Level | Result | Reco | very | Limits | RPD | Limit | Flags |
| DUPLICATE | | | | | | | | | | | |
| Laboratory ID: | 11-34 | 10-08 | | | | | | | | | |
| | ORIG | DUP | | | | | | | | | _ |
| Diesel Range | ND | ND | NA | NA | | N/ | 4 | NA | NA | 40 | |
| Lube Oil Range | ND | ND | NA | NA | | N/ | 4 | NA | NA | 40 | |
| Surrogate: | | | | | | | | | | | |
| o-Terphenyl | | | | | | 81 | 75 | 50-150 | | | |

Laboratory Reference: 2411-284

Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D

Date

Date

| | | | | Date | Date | |
|----------------------------|------------------|----------------|-----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| Client ID: | GMW6-35 | | | | | |
| Laboratory ID: | 11-284-11 | | | | | |
| Vinyl Chloride | ND | 0.0011 | EPA 8260D | 12-2-24 | 12-2-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.0011 | EPA 8260D | 12-2-24 | 12-2-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.0011 | EPA 8260D | 12-2-24 | 12-2-24 | |
| 1,2-Dichloroethane | ND | 0.0011 | EPA 8260D | 12-2-24 | 12-2-24 | |
| Trichloroethene | ND | 0.0011 | EPA 8260D | 12-2-24 | 12-2-24 | |
| Tetrachloroethene | 0.0029 | 0.0011 | EPA 8260D | 12-2-24 | 12-2-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 105 | 69-12 <i>4</i> | | | | |
| Toluene-d8 | 100 | 80-118 | | | | |
| 4-Bromofluorobenzene | 102 | 75-123 | | | | |
| | | | | | | |
| Client ID: | GMW6-55 | | | | | |
| Laboratory ID: | 11-284-16 | | | | | |
| Vinyl Chloride | ND | 0.0011 | EPA 8260D | 11-27-24 | 11-27-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.0011 | EPA 8260D | 11-27-24 | 11-27-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.0011 | EPA 8260D | 11-27-24 | 11-27-24 | |
| 1,2-Dichloroethane | ND | 0.0011 | EPA 8260D | 11-27-24 | 11-27-24 | |
| Trichloroethene | ND | 0.0011 | EPA 8260D | 11-27-24 | 11-27-24 | |
| Tetrachloroethene | ND | 0.0011 | EPA 8260D | 11-27-24 | 11-27-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 99 | 69-124 | | | | |
| Toluene-d8 | 100 | 80-118 | | | | |
| 4-Bromofluorobenzene | 103 | 75-123 | | | | |
| | | | | | | |
| Client ID: | GMW7-7 | | | | | |
| Laboratory ID: | 11-284-20 | | | | | |
| Vinyl Chloride | ND | 0.0010 | EPA 8260D | 11-27-24 | 11-27-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.0010 | EPA 8260D | 11-27-24 | 11-27-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.0010 | EPA 8260D | 11-27-24 | 11-27-24 | |
| 1,2-Dichloroethane | ND | 0.0010 | EPA 8260D | 11-27-24 | 11-27-24 | |
| Trichloroethene | ND | 0.0010 | EPA 8260D | 11-27-24 | 11-27-24 | |
| Tetrachloroethene | 0.015 | 0.0010 | EPA 8260D | 11-27-24 | 11-27-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 103 | 69-124 | | | | |
| Toluene-d8 | 103 | 80-118 | | | | |
| 4-Bromofluorobenzene | 105 | 75-123 | | | | |
| | . 50 | | | | | |

Laboratory Reference: 2411-284

Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D

| | | | | Date | Date | |
|----------------------------|------------------|----------------|-----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| Client ID: | GMW7-22 | | | | | |
| Laboratory ID: | 11-284-26 | | | | | |
| Vinyl Chloride | ND | 0.00074 | EPA 8260D | 11-27-24 | 11-27-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.00074 | EPA 8260D | 11-27-24 | 11-27-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.00074 | EPA 8260D | 11-27-24 | 11-27-24 | |
| 1,2-Dichloroethane | ND | 0.00074 | EPA 8260D | 11-27-24 | 11-27-24 | |
| Trichloroethene | ND | 0.00074 | EPA 8260D | 11-27-24 | 11-27-24 | |
| Tetrachloroethene | 0.035 | 0.00074 | EPA 8260D | 11-27-24 | 11-27-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 101 | 69-124 | | | | |
| Toluene-d8 | 103 | 80-118 | | | | |
| 4-Bromofluorobenzene | 104 | 75-123 | | | | |
| | | | | | | |
| | | | | | | |
| Client ID: | GMW7-50 | | | | | |
| Laboratory ID: | 11-284-33 | | | | | |
| Vinyl Chloride | ND | 0.00090 | EPA 8260D | 11-30-24 | 11-30-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.00090 | EPA 8260D | 11-30-24 | 11-30-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.00090 | EPA 8260D | 11-30-24 | 11-30-24 | |
| 1,2-Dichloroethane | ND | 0.00090 | EPA 8260D | 11-30-24 | 11-30-24 | |
| Trichloroethene | ND | 0.00090 | EPA 8260D | 11-30-24 | 11-30-24 | |
| Tetrachloroethene | ND | 0.00090 | EPA 8260D | 11-30-24 | 11-30-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 106 | 69-124 | | | | |
| Toluene-d8 | 100 | 80-118 | | | | |
| 4-Bromofluorobenzene | 103 | 75-123 | | | | |

Laboratory Reference: 2411-284

Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

| onits. Hig/kg | | | | Date | Date | |
|----------------------------|------------------|----------------|-----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB1127S1 | | | | | |
| Vinyl Chloride | ND | 0.0010 | EPA 8260D | 11-27-24 | 11-27-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.0010 | EPA 8260D | 11-27-24 | 11-27-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.0010 | EPA 8260D | 11-27-24 | 11-27-24 | |
| 1,2-Dichloroethane | ND | 0.0010 | EPA 8260D | 11-27-24 | 11-27-24 | |
| Trichloroethene | ND | 0.0010 | EPA 8260D | 11-27-24 | 11-27-24 | |
| Tetrachloroethene | ND | 0.0010 | EPA 8260D | 11-27-24 | 11-27-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 101 | 69-124 | | | | |
| Toluene-d8 | 100 | 80-118 | | | | |
| 4-Bromofluorobenzene | 105 | 75-123 | | | | |
| Laboratory ID: | MB1130S1 | | | | | |
| Vinyl Chloride | ND | 0.0010 | EPA 8260D | 11-30-24 | 11-30-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.0010 | EPA 8260D | 11-30-24 | 11-30-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.0010 | EPA 8260D | 11-30-24 | 11-30-24 | |
| 1,2-Dichloroethane | ND | 0.0010 | EPA 8260D | 11-30-24 | 11-30-24 | |
| Trichloroethene | ND | 0.0010 | EPA 8260D | 11-30-24 | 11-30-24 | |
| Tetrachloroethene | ND | 0.0010 | EPA 8260D | 11-30-24 | 11-30-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 105 | 69-124 | | | | |
| Toluene-d8 | 99 | 80-118 | | | | |
| 4-Bromofluorobenzene | 101 | 75-123 | | | | |
| Laboratory ID: | MB1202S1 | | | | | |
| Vinyl Chloride | ND ND | 0.0010 | EPA 8260D | 12-2-24 | 12-2-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.0010 | EPA 8260D | 12-2-24 | 12-2-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.0010 | EPA 8260D | 12-2-24 | 12-2-24 | |
| 1,2-Dichloroethane | ND | 0.0010 | EPA 8260D | 12-2-24 | 12-2-24 | |
| Trichloroethene | ND | 0.0010 | EPA 8260D | 12-2-24 | 12-2-24 | |
| Tetrachloroethene | ND | 0.0010 | EPA 8260D | 12-2-24 | 12-2-24 | |
| Surrogate: | Percent Recovery | Control Limits | | <u> </u> | · · | |
| Dibromofluoromethane | 106 | 69-124 | | | | |
| Toluene-d8 | 99 | 80-118 | | | | |
| 4-Bromofluorobenzene | 102 | 75-123 | | | | |
| - DIOINGIAGIODENZENE | 102 | 10-123 | | | | |

Laboratory Reference: 2411-284

Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

| 3 3 | | | | | Per | cent | Recovery | | RPD | |
|----------------------------|--------|--------|--------|--------|------|-------|----------|-----|-------|-------|
| Analyte | Res | sult | Spike | Level | Reco | overy | Limits | RPD | Limit | Flags |
| SPIKE BLANKS | | | | | | | | | | |
| Laboratory ID: | SB11 | 27S1 | | | | | | | | |
| | SB | SBD | SB | SBD | SB | SBD | | | | |
| Vinyl Chloride | 0.0558 | 0.0568 | 0.0500 | 0.0500 | 112 | 114 | 52-141 | 2 | 20 | |
| (trans) 1,2-Dichloroethene | 0.0555 | 0.0568 | 0.0500 | 0.0500 | 111 | 114 | 74-131 | 2 | 15 | |
| (cis) 1,2-Dichloroethene | 0.0561 | 0.0579 | 0.0500 | 0.0500 | 112 | 116 | 71-136 | 3 | 15 | |
| 1,2-Dichloroethane | 0.0543 | 0.0535 | 0.0500 | 0.0500 | 109 | 107 | 70-133 | 1 | 15 | |
| Trichloroethene | 0.0556 | 0.0569 | 0.0500 | 0.0500 | 111 | 114 | 80-130 | 2 | 15 | |
| Tetrachloroethene | 0.0513 | 0.0577 | 0.0500 | 0.0500 | 103 | 115 | 80-130 | 12 | 15 | |
| Surrogate: | | | | | | | | | | |
| Dibromofluoromethane | | | | | 102 | 102 | 69-124 | | | |
| Toluene-d8 | | | | | 101 | 101 | 80-118 | | | |
| 4-Bromofluorobenzene | | | | | 108 | 89 | 75-123 | | | |
| | | | | | | | | | | |
| Laboratory ID: | SB11 | | | | | | | | | |
| | SB | SBD | SB | SBD | SB | SBD | | | | |
| Vinyl Chloride | 0.0483 | 0.0471 | | 0.0500 | 97 | 94 | 52-141 | 3 | 20 | |
| (trans) 1,2-Dichloroethene | 0.0529 | 0.0526 | | 0.0500 | 106 | 105 | 74-131 | 1 | 15 | |
| (cis) 1,2-Dichloroethene | 0.0542 | 0.0535 | | 0.0500 | 108 | 107 | 71-136 | 1 | 15 | |
| 1,2-Dichloroethane | 0.0536 | 0.0531 | 0.0500 | 0.0500 | 107 | 106 | 70-133 | 1 | 15 | |
| Trichloroethene | 0.0552 | 0.0545 | 0.0500 | 0.0500 | 110 | 109 | 80-130 | 1 | 15 | |
| Tetrachloroethene | 0.0574 | 0.0577 | 0.0500 | 0.0500 | 115 | 115 | 80-130 | 11 | 15 | |
| Surrogate: | | | | | | | | | | |
| Dibromofluoromethane | | | | | 101 | 103 | 69-124 | | | |
| Toluene-d8 | | | | | 98 | 98 | 80-118 | | | |
| 4-Bromofluorobenzene | | | | | 101 | 102 | 75-123 | | | |
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| Laboratory ID: | SB12 | | | | | | | | | |
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| Vinyl Chloride | 0.0510 | 0.0501 | | 0.0500 | 102 | 100 | 52-141 | 2 | 20 | |
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| (cis) 1,2-Dichloroethene | 0.0557 | 0.0548 | | 0.0500 | 111 | 110 | 71-136 | 2 | 15 | |
| 1,2-Dichloroethane | 0.0573 | 0.0560 | | 0.0500 | 115 | 112 | 70-133 | 2 | 15 | |
| Trichloroethene | 0.0539 | 0.0558 | | 0.0500 | 108 | 112 | 80-130 | 3 | 15 | |
| Tetrachloroethene | 0.0556 | 0.0571 | 0.0500 | 0.0500 | 111 | 114 | 80-130 | 3 | 15 | |
| Surrogate: | | | | | | | | | | |
| Dibromofluoromethane | | | | | 106 | 104 | 69-124 | | | |
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| 4-Bromofluorobenzene | | | | | 103 | 103 | 75-123 | | | |

Laboratory Reference: 2411-284

Project: 02-0266-A

% MOISTURE

| Client ID | Lab ID | % Moisture | Date Analyzed |
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| GMW6-35 | 11-284-11 | 7 | 11-27-24 |
| GMW6-55 | 11-284-16 | 16 | 11-27-24 |
| GMW7-7 | 11-284-20 | 7 | 11-27-24 |
| GMW7-22 | 11-284-26 | 12 | 11-27-24 |
| GMW7-50 | 11-284-33 | 18 | 11-27-24 |



Data Qualifiers and Abbreviations

- A Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B The analyte indicated was also found in the blank sample.
- C The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E The value reported exceeds the quantitation range and is an estimate.
- F Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I Compound recovery is outside of the control limits.
- J The value reported was below the practical quantitation limit. The value is an estimate.
- K Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L The RPD is outside of the control limits.
- M Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
- N Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 Hydrocarbons in diesel range are impacting lube oil range results.
- O Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P The RPD of the detected concentrations between the two columns is greater than 40.
- Q Surrogate recovery is outside of the control limits.
- S Surrogate recovery data is not available due to the necessary dilution of the sample.
- T The sample chromatogram is not similar to a typical .
- U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 The practical quantitation limit is elevated due to interferences present in the sample.
- V Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X Sample extract treated with a mercury cleanup procedure.
- X1 Sample extract treated with a sulfuric acid/silica gel cleanup procedure.
- X2 Sample extract treated with a silica gel cleanup procedure.
- Y The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.
- Y1 Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL

PQL - Practical Quantitation Limit

RPD - Relative Percent Difference



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

December 4, 2024

Megan Poysnick Atlas GeoSciences NW PO Box 1009 Sumner, WA 98390

Re: Analytical Data for Project 02-0266-A

Laboratory Reference No. 2411-303

Dear Megan:

Enclosed are the analytical results and associated quality control data for samples submitted on November 21, 2024.

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

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

Sincerely,

David Baumeister Project Manager

Enclosures



Laboratory Reference: 2411-303

Project: 02-0266-A

Case Narrative

Samples were collected on November 20, 2024 and received by the laboratory on November 21, 2024. They were maintained at the laboratory at a temperature of 2° C to 6° C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below. However the soil results for the QA/QC samples are reported on a wet-weight basis.

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

NWTPH Dx Analysis

The duplicate RPD is outside of the control limits due to sample inhomogeneity.

Volatiles EPA 8260D Analysis

All four internal standards did not meet acceptance criteria for sample GMW8-22. The sample was re-analyzed with similar results. Leaks in the sealed VOA environment caused by grit between the VOA lip and VOA cap septum have been shown to cause low internal standard recovery. Method 5035A states that for low-level VOC analysis the purge-and-trap system employed must be capable of agitating the sealed sample during the purging process. The purge-and-trap system that OnSite Environmental utilizes for the analysis of low-level VOCs has a stir motor that spins a magnetic stir bar within the sample thereby agitating the sample and providing more efficient purging. Due to the aforementioned failed analyses, a VOA vial without a stir bar was analyzed and reported for the low-level VOC analysis.

Please note that any other QA/QC issues associated with these extractions and analyses will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Laboratory Reference: 2411-303

Project: 02-0266-A

GASOLINE RANGE ORGANICS NWTPH-Gx

Matrix: Soil

Units: mg/kg (ppm)

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|----------------|------------------|----------------|----------|------------------|------------------|-------|
| Client ID: | B11-8 | | | - | | |
| Laboratory ID: | 11-303-25 | | | | | |
| Gasoline | ND | 5.1 | NWTPH-Gx | 11-27-24 | 11-27-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Fluorobenzene | 93 | 62-134 | | | | |

Laboratory Reference: 2411-303

Project: 02-0266-A

GASOLINE RANGE ORGANICS NWTPH-Gx QUALITY CONTROL

Matrix: Soil

Units: mg/kg (ppm)

| | | | | Date | Date | |
|----------------|------------------|----------------|----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB1127S1 | | | | | |
| Gasoline | ND | 5.0 | NWTPH-Gx | 11-27-24 | 11-27-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Fluorobenzene | 104 | 62-134 | | | | |

| Analyte | Res | sult | Spike | Level | Source Result | Percent Recovery | Recovery Limits | RPD | RPD Limit | Flags |
|----------------|-------|-------|-------|-------|------------------|---------------------|--------------------|-----|--------------|-------|
| DUPLICATE | | | • | | | | | | | |
| Laboratory ID: | 11-28 | 34-20 | | | | | | | | |
| | ORIG | DUP | | | | | | | | |
| Gasoline | ND | ND | NA | NA | | NA | NA | NA | 30 | |
| Surrogate: | | | | | | | | | | |
| Fluorobenzene | | | | | | 90 104 | 62-134 | | | |

Laboratory Reference: 2411-303

Project: 02-0266-A

DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx

Matrix: Soil

Units: mg/Kg (ppm)

| | | | | Date | Date | |
|-------------------------|------------------|----------------|----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| Client ID: | B11-8 | | | | | |
| Laboratory ID: | 11-303-25 | | | | | |
| Diesel Range Organics | ND | 27 | NWTPH-Dx | 12-2-24 | 12-2-24 | |
| Lube Oil Range Organics | ND | 54 | NWTPH-Dx | 12-2-24 | 12-2-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| o-Terphenyl | 94 | 50-150 | | | | |

Laboratory Reference: 2411-303

Project: 02-0266-A

DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx QUALITY CONTROL

Matrix: Soil

Units: mg/Kg (ppm)

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-------------------------|------------------|----------------|----------|------------------|------------------|-------|
| METHOD BLANK | | | | • | • | |
| Laboratory ID: | MB1202S2 | | | | | |
| Diesel Range Organics | ND | 25 | NWTPH-Dx | 12-2-24 | 12-2-24 | _ |
| Lube Oil Range Organics | ND | 50 | NWTPH-Dx | 12-2-24 | 12-2-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| o-Terphenyl | 89 | 50-150 | | | | |

| Analyte | Res | sult | Spike | Level | Source Result | Pero Reco | | Recovery Limits | RPD | RPD Limit | Flags |
|----------------|-------|-------|-------|-------|------------------|--------------|----|--------------------|-----|--------------|----------|
| DUPLICATE | | | | | | | | | | | <u>~</u> |
| Laboratory ID: | 12-00 | 05-01 | | | | | | | | | |
| | ORIG | DUP | | | | | | | | | |
| Diesel Range | ND | ND | NA | NA | | N. | A | NA | NA | 40 | |
| Lube Oil | 102 | 56.7 | NA | NA | | N. | Α | NA | 57 | 40 | L |
| Surrogate: | | | | | | | | | | | |
| o-Terphenyl | | | | | | 83 | 73 | 50-150 | | | |

Laboratory Reference: 2411-303

Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D

| | | | | Date | Date | |
|----------------------------|------------------|----------------|-----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| Client ID: | GMW8-1 | | | | | |
| Laboratory ID: | 11-303-03 | | | | | |
| Vinyl Chloride | ND | 0.00074 | EPA 8260D | 12-2-24 | 12-2-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.00074 | EPA 8260D | 12-2-24 | 12-2-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.00074 | EPA 8260D | 12-2-24 | 12-2-24 | |
| 1,2-Dichloroethane | ND | 0.00074 | EPA 8260D | 12-2-24 | 12-2-24 | |
| Trichloroethene | ND | 0.00074 | EPA 8260D | 12-2-24 | 12-2-24 | |
| Tetrachloroethene | 0.00081 | 0.00074 | EPA 8260D | 12-2-24 | 12-2-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 107 | 69-124 | | | | |
| Toluene-d8 | 98 | 80-118 | | | | |
| 4-Bromofluorobenzene | 103 | 75-123 | | | | |
| Client ID: | GMW8-22 | | | | | |
| Laboratory ID: | 11-303-08 | | | | | |
| Vinyl Chloride | ND | 0.00085 | EPA 8260D | 12-2-24 | 12-2-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.00085 | EPA 8260D | 12-2-24 | 12-2-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.00085 | EPA 8260D | 12-2-24 | 12-2-24 | |
| 1,2-Dichloroethane | ND | 0.00085 | EPA 8260D | 12-2-24 | 12-2-24 | |
| Trichloroethene | ND | 0.00085 | EPA 8260D | 12-2-24 | 12-2-24 | |
| Tetrachloroethene | ND | 0.00085 | EPA 8260D | 12-2-24 | 12-2-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 112 | 69-124 | | | | |
| Toluene-d8 | 98 | 80-118 | | | | |
| 4-Bromofluorobenzene | 103 | 75-123 | | | | |
| Client ID: | GMW8-60 | | | | | |
| Laboratory ID: | 11-303-21 | | | | | |
| Vinyl Chloride | ND | 0.0010 | EPA 8260D | 11-30-24 | 11-30-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.0010 | EPA 8260D | 11-30-24 | 11-30-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.0010 | EPA 8260D | 11-30-24 | 11-30-24 | |
| 1,2-Dichloroethane | ND | 0.0010 | EPA 8260D | 11-30-24 | 11-30-24 | |
| Trichloroethene | ND | 0.0010 | EPA 8260D | 11-30-24 | 11-30-24 | |
| Tetrachloroethene | ND | 0.0010 | EPA 8260D | 11-30-24 | 11-30-24 | |
| Surrogate: | Percent Recovery | Control Limits | | 110021 | 00 27 | |
| Dibromofluoromethane | 106 | 69-124 | | | | |
| Toluene-d8 | 100 | 80-118 | | | | |
| 4-Bromofluorobenzene | 103 | 75-123 | | | | |
| . D. OTTORIGOTODETIZETIE | 700 | 10 120 | | | | |

Laboratory Reference: 2411-303

Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D

| Offits. Hig/kg | | | | Date | Date | |
|----------------------------|------------------|----------------|-----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| Client ID: | B11-8 | | | • | <u>-</u> | - |
| Laboratory ID: | 11-303-25 | | | | | |
| Vinyl Chloride | ND | 0.00095 | EPA 8260D | 11-30-24 | 11-30-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.00095 | EPA 8260D | 11-30-24 | 11-30-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.00095 | EPA 8260D | 11-30-24 | 11-30-24 | |
| 1,2-Dichloroethane | ND | 0.00095 | EPA 8260D | 11-30-24 | 11-30-24 | |
| Trichloroethene | ND | 0.00095 | EPA 8260D | 11-30-24 | 11-30-24 | |
| Tetrachloroethene | 0.0017 | 0.00095 | EPA 8260D | 11-30-24 | 11-30-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 108 | 69-124 | | | | |
| Toluene-d8 | 99 | 80-118 | | | | |
| 4-Bromofluorobenzene | 103 | 75-123 | | | | |
| | | | | | | |
| | | | | | | |
| Client ID: | B11-25 | | | | | |
| Laboratory ID: | 11-303-31 | | | | | |
| Vinyl Chloride | ND | 0.00068 | EPA 8260D | 11-30-24 | 11-30-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.00068 | EPA 8260D | 11-30-24 | 11-30-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.00068 | EPA 8260D | 11-30-24 | 11-30-24 | |
| 1,2-Dichloroethane | ND | 0.00068 | EPA 8260D | 11-30-24 | 11-30-24 | |
| Trichloroethene | ND | 0.00068 | EPA 8260D | 11-30-24 | 11-30-24 | |
| Tetrachloroethene | 0.0023 | 0.00068 | EPA 8260D | 11-30-24 | 11-30-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 106 | 69-124 | | | | |
| Toluene-d8 | 99 | 80-118 | | | | |
| 4-Bromofluorobenzene | 101 | 75-123 | | | | |
| | | | | | | |
| Oli I ID | D44 | | | | | |
| Client ID: | B11-55 | | | | | |
| Laboratory ID: | 11-303-38 | 0.0040 | EDA COCCE | 44.00.04 | 44.00.04 | |
| Vinyl Chloride | ND | 0.0012 | EPA 8260D | 11-30-24 | 11-30-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.0012 | EPA 8260D | 11-30-24 | 11-30-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.0012 | EPA 8260D | 11-30-24 | 11-30-24 | |
| 1,2-Dichloroethane | ND | 0.0012 | EPA 8260D | 11-30-24 | 11-30-24 | |
| Trichloroethene | ND | 0.0012 | EPA 8260D | 11-30-24 | 11-30-24 | |
| Tetrachloroethene | ND | 0.0012 | EPA 8260D | 11-30-24 | 11-30-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 108 | 69-124 | | | | |
| Toluene-d8 | 99 | 80-118 | | | | |
| 4-Bromofluorobenzene | 102 | 75-123 | | | | |

Laboratory Reference: 2411-303

Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

| | | | | Date | Date | |
|----------------------------|------------------|----------------|-----------|----------|----------|-------|
| Analyte | Result | PQL | Method | Prepared | Analyzed | Flags |
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB1130S1 | | | | | |
| Vinyl Chloride | ND | 0.0010 | EPA 8260D | 11-30-24 | 11-30-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.0010 | EPA 8260D | 11-30-24 | 11-30-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.0010 | EPA 8260D | 11-30-24 | 11-30-24 | |
| 1,2-Dichloroethane | ND | 0.0010 | EPA 8260D | 11-30-24 | 11-30-24 | |
| Trichloroethene | ND | 0.0010 | EPA 8260D | 11-30-24 | 11-30-24 | |
| Tetrachloroethene | ND | 0.0010 | EPA 8260D | 11-30-24 | 11-30-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 105 | 69-124 | | | | |
| Toluene-d8 | 99 | 80-118 | | | | |
| 4-Bromofluorobenzene | 101 | 75-123 | | | | |
| | | | | | | |
| Laboratory ID: | MB1202S1 | | | | | |
| Vinyl Chloride | ND | 0.0010 | EPA 8260D | 12-2-24 | 12-2-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.0010 | EPA 8260D | 12-2-24 | 12-2-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.0010 | EPA 8260D | 12-2-24 | 12-2-24 | |
| 1,2-Dichloroethane | ND | 0.0010 | EPA 8260D | 12-2-24 | 12-2-24 | |
| Trichloroethene | ND | 0.0010 | EPA 8260D | 12-2-24 | 12-2-24 | |
| Tetrachloroethene | ND | 0.0010 | EPA 8260D | 12-2-24 | 12-2-24 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| Dibromofluoromethane | 106 | 69-124 | | | | |
| Toluene-d8 | 99 | 80-118 | | | | |
| 4-Bromofluorobenzene | 102 | 75-123 | | | | |

Laboratory Reference: 2411-303

Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

| | | | | | Per | cent | Recovery | | RPD | |
|----------------------------|--------|--------|--------|--------|------|-------|----------|-----|-------|-------|
| Analyte | Res | ult | Spike | Level | Reco | overy | Limits | RPD | Limit | Flags |
| SPIKE BLANKS | | | | | | | | | | |
| Laboratory ID: | SB11 | 30S1 | | | | | | | | |
| | SB | SBD | SB | SBD | SB | SBD | | | | |
| Vinyl Chloride | 0.0483 | 0.0471 | 0.0500 | 0.0500 | 97 | 94 | 52-141 | 3 | 20 | |
| (trans) 1,2-Dichloroethene | 0.0529 | 0.0526 | 0.0500 | 0.0500 | 106 | 105 | 74-131 | 1 | 15 | |
| (cis) 1,2-Dichloroethene | 0.0542 | 0.0535 | 0.0500 | 0.0500 | 108 | 107 | 71-136 | 1 | 15 | |
| 1,2-Dichloroethane | 0.0536 | 0.0531 | 0.0500 | 0.0500 | 107 | 106 | 70-133 | 1 | 15 | |
| Trichloroethene | 0.0552 | 0.0545 | 0.0500 | 0.0500 | 110 | 109 | 80-130 | 1 | 15 | |
| Tetrachloroethene | 0.0574 | 0.0577 | 0.0500 | 0.0500 | 115 | 115 | 80-130 | 1 | 15 | |
| Surrogate: | | | | | | | | | | |
| Dibromofluoromethane | | | | | 101 | 103 | 69-124 | | | |
| Toluene-d8 | | | | | 98 | 98 | 80-118 | | | |
| 4-Bromofluorobenzene | | | | | 101 | 102 | 75-123 | | | |
| Laboratory ID: | SB12 | 02S1 | | | | | | | | |
| | SB | SBD | SB | SBD | SB | SBD | | | | |
| Vinyl Chloride | 0.0510 | 0.0501 | 0.0500 | 0.0500 | 102 | 100 | 52-141 | 2 | 20 | |
| (trans) 1,2-Dichloroethene | 0.0542 | 0.0542 | 0.0500 | 0.0500 | 108 | 108 | 74-131 | 0 | 15 | |
| (cis) 1,2-Dichloroethene | 0.0557 | 0.0548 | 0.0500 | 0.0500 | 111 | 110 | 71-136 | 2 | 15 | |
| 1,2-Dichloroethane | 0.0573 | 0.0560 | 0.0500 | 0.0500 | 115 | 112 | 70-133 | 2 | 15 | |
| Trichloroethene | 0.0539 | 0.0558 | 0.0500 | 0.0500 | 108 | 112 | 80-130 | 3 | 15 | |
| Tetrachloroethene | 0.0556 | 0.0571 | 0.0500 | 0.0500 | 111 | 114 | 80-130 | 3 | 15 | |
| Surrogate: | | | | | | | | | | |
| Dibromofluoromethane | | | | | 106 | 104 | 69-124 | | | |
| Toluene-d8 | | | | | 100 | 98 | 80-118 | | | |
| 4-Bromofluorobenzene | | | | | 103 | 103 | 75-123 | | | |

Laboratory Reference: 2411-303

Project: 02-0266-A

% MOISTURE

| Client ID | Lab ID | % Moisture | Date Analyzed |
|-----------|-----------|------------|------------------|
| GMW8-1 | 11-303-03 | 5 | 12-2-24 |
| GMW8-22 | 11-303-08 | 6 | 12-2-24 |
| GMW8-60 | 11-303-21 | 23 | 12-2-24 |
| B11-8 | 11-303-25 | 8 | 12-2-24 |
| B11-25 | 11-303-31 | 9 | 12-2-24 |
| B11-55 | 11-303-38 | 23 | 12-2-24 |



Data Qualifiers and Abbreviations

- A Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B The analyte indicated was also found in the blank sample.
- C The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E The value reported exceeds the quantitation range and is an estimate.
- F Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I Compound recovery is outside of the control limits.
- J The value reported was below the practical quantitation limit. The value is an estimate.
- K Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L The RPD is outside of the control limits.
- M Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
- N Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 Hydrocarbons in diesel range are impacting lube oil range results.
- O Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P The RPD of the detected concentrations between the two columns is greater than 40.
- Q Surrogate recovery is outside of the control limits.
- S Surrogate recovery data is not available due to the necessary dilution of the sample.
- T The sample chromatogram is not similar to a typical .
- U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 The practical quantitation limit is elevated due to interferences present in the sample.
- V Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X Sample extract treated with a mercury cleanup procedure.
- X1 Sample extract treated with a sulfuric acid/silica gel cleanup procedure.
- X2 Sample extract treated with a silica gel cleanup procedure.
- Y The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.
- Y1 Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL

PQL - Practical Quantitation Limit

RPD - Relative Percent Difference





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| Reviewed/Date | Received | Relinquished | Received | Relinquished | Received | Relinquished | Signature | 10 CMW8-28 | 9 CMW8-30 | 8 CMW8-22 | 7 CMW8-16 | 6 CMW8-13 | 5 CMW8-15 | 4 CMW8-19 | 3 CMW8-1 | 01-8MM3 2 | 1 C-MW 8-5 | Lab ID Sample Identification | RM | NEADY POYSMICK LIZ | bellevile Way | 02-02106-A | Project Number: Project Number: | Phone: (425) 883-3881 • www.onsite-env.com | Analytical Laboratory Testing Services 14648 NE 95th Street • Redmond, WA 98052 |
|---|------------------------|-----------------|----------|----------------|---------------------|--------------|-------------------------------|------------|------------|-----------|-----------|-----------|-----------|-----------|----------|-----------|-------------------|---|---|---|--|---------------|---------------------------------|--|---|
| | | | N V | dy that | for mother | AROM! | \$ | | <i>S</i> . | | | | | | | | - | | | Rachman | | | 6NC62 212 | www.onsite-env.com | g Services Redmond, WA 98052 |
| Reviewed/Date | | 4 | 788 | 11 11 | Apha/sp | 225 | Company | J 924 Y | 444 | 907 | 306 | 900 | 903 | 658 | 578 | 1 842 | 11/20/24 835 Spil | Date Time Sampled Sampled Matrix | (other) | | X Standard (7 Days) | 2 Days 3 Days | Same Day 1 Day | (Check One) | Turnaround Request (in working days) |
| | | -44- | 11/2 | 11/2/ | 2/11 (1000 | 11/21/24 | Date | 7 | SI | 57 | CN | N | 31 | S. | S | N | S | Stock | H-HCI H-Gx/ | | ers | | | | Labora |
| | | | 1/2/435 | 12 × 2 × 2 × 2 | 1/2/12/12 | 100000 | Time | | | 8 | | | | | (X) | | | NWTP Volatile Haloge | H-Dx (es 826 enated | OD Volatiles | 8260D | |) | | Laboratory Number: |
| Chromatograms with final report ☑ Electronic Data Deliverables (EDDs) ☑ | Data Package: Standard | Atdaga Illustra | 57.0 | AND IN NO | A RETER COSTEAS RE, | Vogs Frozen | Comments/Special Instructions | | | | | | | | | | | (with keep PAHs & PCBs & Organo Organo Chlorin Total R Total M TCLP N | ow-leving 270E, 18082A pochlori pphospinated A CRA MITCA Metals | ne Pesti phorus P Acid Heri Metals Metals | v-level) cides 80 esticides bicides | es 8270 | | | 11-303 |
|) | | | | | | | | | - | 2 | | | | | 8 | | | % Mois | ture | | | | | - | |



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| Chart Company Compan | Standard XV Level III Level IV | | | sceived | Re |
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| Change C | | 11/2/14/435 | 02K | Sceived | Re |
| Change C | | 11/61/6/11 | " " 1.1 MV | alinquished MM, MANN | Re |
| The part of Company (Check One) Sample Identification Sample Ident | | 21:24/2/12 | MIA ha Kneedy | sceived IMA IMA | Re |
| Transper | VOOS Prozer | ~ | 24/05 | hed | Re |
| 10 10 10 10 10 10 10 10 | Comments/Special Instructions | | Company | Signature | |
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