ATLAS GEOSCIENCES NW

July 3, 2025
Project Number 02-0266-A

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

klee@okleedevelopment.com

Subject: Data Gap Investigation
Bellevue Way Cleaners/Unocal 4384
1624 Bellevue Way Southeast
Bellevue, Washington
Cleanup Site ID: 5107
Facility Site ID: 2458

Dear Ms. Lee:

Atlas Geosciences NW, LLC (Atlas) is pleased to provide Oklee Development LLC (Client) with this report presenting the results of our Data Gap Investigation (Phase II) at the Unocal 4384 property at 1624 Bellevue Way Southeast in Bellevue, Washington (subject property). The subject property consists of one parcel totaling approximately 1.09 acres improved with a gravel and asphalt parking lot (King County tax parcel number 532610-0075). The purpose of this subsurface investigation was to resolve data gaps associated with previous subsurface investigations and cleanup activities that were performed at the subject property by others between 1990 and 1995.

This investigation was performed concurrently with a Supplemental Phase II Subsurface Investigation at the north-adjoining Kevik Cleaners property addressed 1606 and 1614 Bellevue Way Southeast in Bellevue, Washington (Cleanup Site ID: 2983, Facility Site ID: 2457). The methods and findings discussed herein are focused on the release(s) previously identified on the former Unocal 4384 facility and the parcel on which it is situated, and the portions of the investigation not associated with the former fueling facility release(s) are not discussed in this report. An expanded discussion of the results for the subsurface investigation at north-adjoining Kevik Cleaners property beyond the data presented in this report will be 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 a gasoline service station (Unocal station 4384) from 1957 to 1994. The original first-generation gas station included 4,000-

gallon, 5,000-gallon and 6,000-gallon gasoline underground storage tanks (USTs), a 350-gallon heating oil UST, and a 280-gallon waste oil UST. In 1971, three 10,000-gallon heating oil USTs and a loading rack were installed on the east-central portion of subject property, at the base of the embankment located along its eastern boundary. In 1979, the original gasoline USTs were replaced with the second-generation station including three 10,000-gallon gasoline USTs. In 1983, the facility was redeveloped with the third-generation station, at which time some of the first- and second-generation station improvements were removed and replaced with a new UST system and an associated oil-water separator. Some of the third-generation station improvements were removed in 1992 and some additional third-generation improvements were removed in 1994.

Various subsurface investigations performed between August 1990 and July 1995 identified petroleum-contaminated soils (PCS) on the southern portion of the subject property. At least approximately 1,054 tons of PCS were excavated and removed from the former heating oil UST area in the east-central portion of the subject property; however, excavation activities were halted along its eastern boundary so as not to compromise the embankment, leaving PCS approximately 10 to 30 feet below ground surface (bgs) along eastern portion of the subject property. During groundwater monitoring performed from April 1993 to July 1995, gasoline, diesel or oil-range total petroleum hydrocarbons (TPH) and/or benzene, toluene, ethylbenzene, and xylene (BTEX) concentrations were identified to be below their current applicable cleanup levels. In 2009, a 1,000-gallon waste oil UST, hoists and a sump were removed from this portion of the subject property, and impacts to soil were not identified in the soil confirmation samples collected at the time.

In 2023, a boring (B4) was advanced by others to 25 feet bgs at the location of the remaining PCS at the eastern portion of the subject property. The soil sample submitted for laboratory analysis collect at 20 feet bgs from boring B4 did not have concentrations of gasoline, diesel or oil-range TPH above laboratory report limits. However, regulatory closure has not yet been achieved for the previously identified impacts, and Atlas has identified perceived data gaps associated with the previous environmental investigation and remedial action performed in association with this former on-property gasoline service station. Specific perceived data gaps identified included the following:

- Absence of TPH data related to the pump islands associated with a former on-property UST system on the west-central portion of the subject property.
- Absence of analysis for BTEX associated with former on-property pump islands on the southern portion of the former gas station property.
- The diesel-range TPH data associated with the remedial excavation for the former on-property heating oil USTs did not appear to extend to a depth adequate to assess the vertical extent of the residual petroleum in soils, if any.
- The soil confirmation samples associated with a former on-property sump were analyzed for Resource Conservation and Recovery Act metals using the Toxicity Characteristic Leaching Procedure, rather than total metals analyses.

- The soils in the vicinity of the oil-water separator associated with the most recent on-property former UST system were not assessed for the presence of gasoline-range TPH or BTEX, despite its association with the retail gasoline fueling operations.

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

Pursuant to Client request, Atlas performed this additional investigation to address the perceived data gaps associated with the previous investigations and remediation at the former gasoline service station on the subject property and inform potential soil handling requirements associated with future development of the subject property.

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. The purpose of this investigation was to resolve perceived data gaps associated with previous subsurface investigations performed at the former gasoline service station. Figure 2 shows the approximate locations of the soil borings, monitoring wells, and relevant subject property features.

2.1 Soil Borings and Monitoring Well Installation

Between November 18 and 22, 2024, and on February 10, 2025, Atlas oversaw the advancement of 11 soil borings (GMW8 through GMW11, GMW13, and B6 through B11) in the vicinity of the former a gasoline service station on the subject property to a maximum depth of 65 feet bgs. Five of the soil borings were completed as permanent monitoring wells (GMW8 through GMW11 and GMW13). The soil borings were drilled using a direct push rig 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 (GMW8 through GMW11 and GMW13) 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 (PID) 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 on the subject property parcel but approximately 100 feet cross-gradient of the former Unocal operations. The groundwater sampling procedure consisted of inserting a temporary 5-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 through 4, 2024 and February 13, 2025, Atlas collected groundwater samples from monitoring wells GMW8 through GMW11, and GMW13. 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 TPH by Northwest Method NWTPH-Gx.
- Diesel- and oil-range TPH by Northwest Method NWTPH-Dx.
- BTEX by USEPA Method 8021B.
- Resource Conservation and Recovery Act metals (including arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver) using USEPA 6000 and 7000 series methods.

Additionally, soil and groundwater samples were submitted for the following analyses as a part of the investigation for the north-adjoining Kevik Cleaners property. These analytes are not considered COCs for the former Unocal facility:

- Tetrachloroethene (PCE), trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene, 1,1-dichloroethene, vinyl chloride (VC) and 1,1,2-trichloroethane by USEPA Method 8260D.

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 site is interpreted as glacial till overlying advance outwash deposits.

Depth to groundwater measured in the monitoring wells at the subject property and ranges from about 30 to 37 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 from east to west based on interpretation of depth to groundwater and top of well casing elevations measured at each monitoring well. Evidence of groundwater in the upper 30 feet of soil at the subject 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 north-adjoining Kevik Cleaners (see discussion in Section 3.3.1 below). 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 PCE and its breakdown products were either not detected or were below the 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 be mineral

spirits opposed to actual gasoline product. Soil sample GMW13-22 was collected from soil boring GMW13 at 22 feet bgs. Soil boring location GMW13 is located south of the north-adjoining dry cleaners and 150 feet north and hydraulically cross-gradient relative to the former gasoline service station at the subject property. Given that the COC detected is commonly used as a dry cleaning solvent, the distance from the former gasoline service station (over 60 feet), the fact that it was not detected in the samples collected from the former gasoline station property, and hydraulic positioning relative to the former gasoline service station (cross-gradient), the source of the gasoline-TPH/mineral spirits soil exceedance in soil sample GMW13-22 appears to be the north-adjoining, off-property Kevik Cleaners operations and not the former gasoline service station at the subject property.

3.3.2 Groundwater Analytical Results

Gasoline-, diesel-, and oil-range TPH were either not detected or were below the MTCA Method A Cleanup Levels for Groundwater 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 also flagged with a "Z" by the analytical laboratory, indicating that the "*gasoline result is attributed to a single peak (Tetrachloroethene).*" Therefore, the elevated gasoline-range TPH appears to be overlap from PCE detected in these groundwater samples and associated with the north-adjoining Kevik Cleaners property.

PCE was detected in all groundwater samples above laboratory reporting limits except for groundwater sample GMW9. The groundwater sample collected from GMW11 detected PCE at 1.3 micrograms per liter (µg/L), below the MTCA Method A Groundwater Cleanup Level of 5 µg/L. Detections of PCE ranged from 150 to 270 µg/L in the remaining groundwater samples, each of which is greater than the MTCA Method A cleanup level. In addition, TCE was detected in groundwater sample GMW8 at 1.2 µg/L, below the MTCA Method A Groundwater Cleanup Level of 5 µg/L. TCE was not detected in the remaining groundwater samples collected from the subject property. No other PCE breakdown products were detected above laboratory reporting limits.

Acknowledging that PCE and TCE are commonly associated with dry cleaning operations as well as the fact PCE-affected groundwater has been identified at similar concentrations on the north-adjoining property, the source of the gasoline-range TPH, PCE and TCE groundwater detections appears to be the north-adjoining Kevik Cleaners property rather than the former gasoline service station at the subject property. The results and findings associated with the north-adjoining Kevik Cleaners property are discussed in further detail under separate cover.

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 Data Gap 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 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.

3.4 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.

Hold Times. 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.

Surrogate Recoveries. Surrogate recoveries for each sample were within laboratory limits.

Method Blanks. 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.

Spike Blank/Spike Blank Duplicate. 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.

Laboratory Reporting Limits. 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

As previously discussed, the objectives of this Data Gap Investigation were to assess the perceived data gaps regarding the shallow soil and groundwater at the subject property associated with the former gasoline service station.

Based on our Data Gap Investigation findings, and relying upon the results of laboratory testing, Atlas concludes the following:

- Soil and groundwater intercepted by our borings are in compliance with their applicable MTCA cleanup levels for the specific COCs related to the Unocal 4384 property. The elevated gasoline-range TPH detected in GMW13 was determined by the laboratory to be mineral spirits rather than gasoline. Therefore, it is likely associated with the north-adjoining dry cleaners. The PCE detected in the groundwater is also attributed to the north-adjoining dry cleaner.

- Petroleum contamination, including BTEX, was not encountered in the vicinity of the pump islands associated with the former on-property UST system and oil-water separator.

- Petroleum contamination was not identified in soil samples collected during this investigation in the vicinity of the former heating oil UST remedial excavation area in the east-central portion of the subject property, defining the vertical extent.

- Total metals in soil in the vicinity of the former on-property sump are in compliance with applicable MTCA cleanup levels.

- Remaining PCS previously reported at the subject property appears to have naturally attenuated and is not adversely impacting soil and groundwater at the subject property. No further investigation is warranted or recommended in regards to the former gasoline service station at the subject property.

- Soils in some areas of the subject property parcel will likely require special handling during redevelopment earthwork activities. Coordination with an environmental consultant during planned redevelopment activities is recommended for soils in the areas described herein.

The non-compliant gasoline-range TPH detection in soil and PCE detections in groundwater appear to be originating from the north-adjoining Kevik Cleaners property and not the release previously identified at the former gasoline service station on the subject property. The results and findings associated with the north-adjoining Kevik Cleaners property are discussed in further detail under a separate cover.

Atlas recommends submitting this report to Ecology for review and issuance of an no further action determination for the Unocal 4384 property.

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.

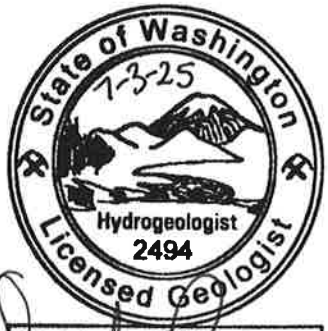
The findings, conclusions, and/or recommendations of this subsurface investigation are based strictly on information available, and conditions observed, at the time of this assessment. Subsequent changes to subject property conditions, such as subject property redevelopment or changes to ground cover,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



Elizabeth Rachman, LG, LHG
Principal Hydrogeologist

Attachments:

	Figure 1:	Subject Property Vicinity
	Figure 2:	Subject Property Plan
	Figure 3:	Groundwater Elevations Map - December 2024
	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

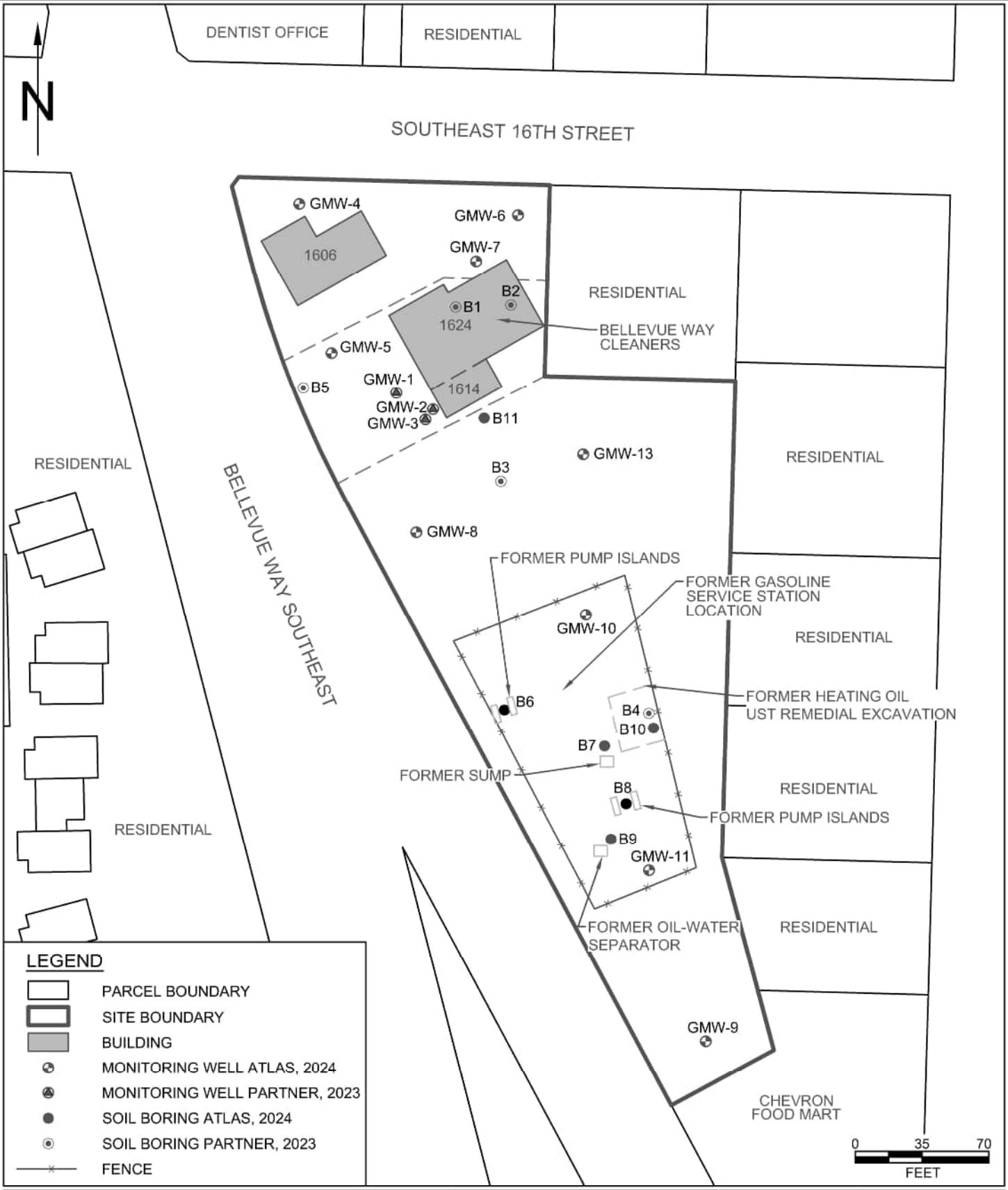
BASEMAP TAKEN FROM THE MERCER ISLAND QUADRANGLE, WASHINGTON- KING COUNTY 7.5-MINUTE SERIES, 2023

ATLAS GEOSCIENCES NW
11201 88TH AVENUE EAST, SUITE 220
PUYALLUP, WA 98373

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

SUBJECT PROPERTY VICINITY | **FIGURE 1**

UNOCAL 4348
1624 BELLEVUE WAY SOUTHEAST
BELLEVUE, WASHINGTON



ATLAS GEOSCIENCES NW
11201 88TH AVENUE EAST, SUITE 220
PUYALLUP, WA 98373

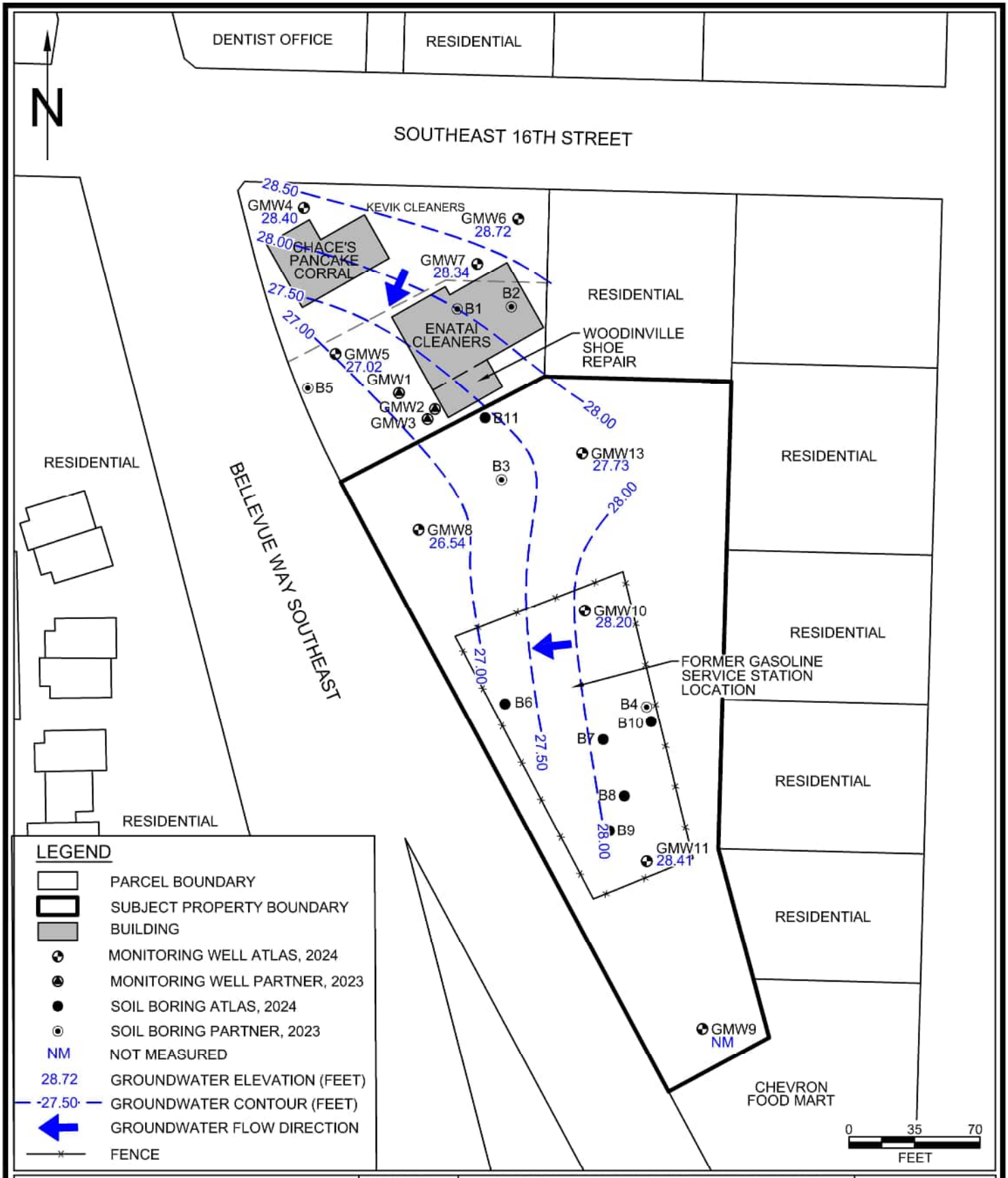
DRAWN BY:	JGM
PROJ. NO:	02-0266-A
DATE:	DECEMBER 2024
APPROX SCALE:	SEE ABOVE
PRJ MGR:	MP

SUBJECT PROPERTY PLAN

FIGURE 2

BELLEVUE WAY CLEANERS

1606, 1614, 1624 BELLEVUE WAY SOUTHEAST
BELLEVUE, WASHINGTON 98004



ATLAS GEOSCIENCES NW
11201 88TH AVENUE EAST,
SUITE 220
PUYALLUP, WA 98373

DRAWN BY:	JGM
PROJ. NO:	02-0266-A
DATE:	MARCH 2025
APPROX SCALE:	SEE ABOVE
PRJ MGR:	MP

GROUNDWATER ELEVATION MAP
DECEMBER 2024

FIGURE 3

UNOCAL 4384

1624 BELLEVUE WAY SOUTHEAST
BELLEVUE, WASHINGTON 98004

TABLES

TABLE 1

Soil Sample Analytical Results
Unocal 4384
1624 Bellevue Way Southeast
Bellevue, Washington
Project Number 02-0266-A

Boring Location	Sample Designator	Sample Date	Sample Depth (feet bgs)	Petroleum Hydrocarbons			Volatile Organic Compounds										Total Metals							
				Gasoline	Diesel	Oil	Benzene	Ethylbenzene	Toluene	Xylenes	Tetrachloro-ethene	Trichloro-ethene	1,2-Dichloro-ethane	(cis) 1,2-Dichloroethene	(trans) 1,2-Dichloroethene	Vinyl Chloride	Arsenic	Barium	Cadmium	Chromium[4]	Lead	Mercury	Selenium	Silver
				Concentrations reported in milligrams per kilogram																				
MTCA Method A or B Soil Cleanup 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
GMW4	GMW4-25	11/18/2024	25	---	---	---	---	---	---	---	**0.0022**	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	---	---	---	---	---	---	---	---
	GMW4-50	11/18/2024	50	---	---	---	---	---	---	---	<0.00094	<0.00094	<0.00094	<0.00094	<0.00094	<0.00094	---	---	---	---	---	---	---	---
GMW5	GMW5-6	11/18/2024	6	---	---	---	---	---	---	---	**0.013**	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	---	---	---	---	---	---	---	---
	GMW5-30	11/18/2024	30	---	---	---	---	---	---	---	**0.031**	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	---	---	---	---	---	---	---	---
	GMW5-50	11/18/2024	50	---	---	---	---	---	---	---	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	---	---	---	---	---	---	---	---
GMW6	GMW6-35	11/19/2024	35	---	---	---	---	---	---	---	**0.0029**	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	---	---	---	---	---	---	---	---
	GMW6-55	11/19/2024	55	---	---	---	---	---	---	---	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	---	---	---	---	---	---	---	---
GMW7	GMW7-7	11/19/2024	7	<5.5	<27	<54	---	---	---	---	**0.015**	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	---	---	---	---	---	---	---	---
	GMW7-22	11/19/2024	22	---	---	---	---	---	---	---	**0.035**	<0.00074	<0.00074	<0.00074	<0.00074	<0.00074	---	---	---	---	---	---	---	---
	GMW7-50	11/19/2024	50	---	---	---	---	---	---	---	<0.00090	<0.00090	<0.00090	<0.00090	<0.00090	<0.00090	---	---	---	---	---	---	---	---
GMW8	GMW8-1	11/20/2024	1	---	---	---	---	---	---	---	**0.00081**	<0.00074	<0.00074	<0.00074	<0.00074	<0.00074	---	---	---	---	---	---	---	---
	GMW8-22	11/20/2024	22	---	---	---	---	---	---	---	<0.00085	<0.00085	<0.00085	<0.00085	<0.00085	<0.00085	---	---	---	---	---	---	---	---
	GMW8-60	11/20/2024	60	---	---	---	---	---	---	---	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	---	---	---	---	---	---	---	---
GMW9	GMW9-28	2/10/2025	28	<5.8	<28	<56	---	---	---	---	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	---	---	---	---	---	---	---	---
GMW10	GMW10-11	11/21/2024	11	<5.6	**49**	<55	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	GMW10-40	11/21/2024	40	---	---	---	---	---	---	---	**0.030**	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	---	---	---	---	---	---	---	---
	GMW10-55	11/21/2024	55	---	---	---	---	---	---	---	**0.014**	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	---	---	---	---	---	---	---	---
GMW11	GMW11-22	11/21/2024	22	---	---	---	---	---	---	---	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	---	---	---	---	---	---	---	---
	GMW11-55	11/21/2024	55	---	---	---	---	---	---	---	**0.035**	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	---	---	---	---	---	---	---	---
GMW13	GMW13-5	11/22/2024	5	<5.5	<27	<55	---	---	---	---	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	---	---	---	---	---	---	---	---
	GMW13-22	11/22/2024	22	**3,400**	**540**	<56	---	---	---	---	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	---	---	---	---	---	---	---	---
	GMW13-65	11/22/2024	65	---	---	---	---	---	---	---	<0.0014	<0.0014	<0.0014	<0.0014	<0.0014	<0.0014	---	---	---	---	---	---	---	---
B6	B6-4-5	11/18/2024	4-5	<6.3	<30	<60	<0.020	<0.063	<0.063	<0.126	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	B6-9-10	11/18/2024	9-10	<5.8	<27	<54	<0.020	<0.058	<0.058	<0.116	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B7	B7-5-6	11/18/2024	5-6	---	---	---	---	---	---	---	---	---	---	---	---	---	<11	**26**	<0.54	**16**	<5.4	<0.27	<11	<1.1
B8	B8-4-5	11/18/2024	4-5	<5.5	---	---	<0.020	<0.055	<0.055	<0.110	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	B8-10-11	11/18/2024	10-11	<5.7	---	---	<0.020	<0.057	<0.057	<0.114	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B9	B9-5-6	11/18/2024	5-6	<5.4	---	---	<0.020	<0.054	<0.054	<0.108	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B10	B10-31	11/22/2024	31	---	<26	<53	---	---	---	---	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	---	---	---	---	---	---	---	---
	B10-35	11/22/2024	35	---	<28	<57	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B11	B11-8	11/20/2024	8	<5.1	<27	<54	---	---	---	---	**0.0017**	<0.00095	<0.00095	<0.00095	<0.00095	<0.00095	---	---	---	---	---	---	---	---
	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.

[1]For 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.

[2]MTCA 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.

[3]The 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.

[4]Cleanup 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.
89	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

Table is in color, black and white copies may not be suitable for review.

Table 2

Groundwater Sample Analytical Results
Unocal 4348
1624 Bellevue Way Southeast
Bellevue, Washington
Project Number 02-0266-A

Boring Location	Sample Designator	Sample Date	Petroleum Hydrocarbons			Volatile Organic Compounds					
			Gasoline	Diesel	Oil	Tetrachloro-ethene	Trichloro-ethene	(cis) 1,2-Dichloroethene	(trans) 1,2-Dichloroethene	Vinyl Chloride	1,1,2-Trichloro-ethane
Concentrations reported in micrograms per liter											
MTCA Method A or B Groundwater Cleanup Level[2]			**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.

[1]For 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

[2]MTCA 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

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

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.

Table 3

Groundwater Elevation Measurements and Well Construction Data
Unocal 4384
1624 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.

ATLAS GEOSCIENCES NW

APPENDIX A

Boring and Monitoring Well Logs

BORING AND WELL LOG LEGEND

Lithology Key

	GW	GRAVEL, well graded: gravel-sand mixtures, little or no fines.
	GP	GRAVEL, poorly graded: gravel-sand mixtures, little or no fines.
	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.
	SC	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.

Well Construction

 Concrete

 Solid riser

 Bentonite-Cement Grout

 Bentonite

 Soil

 Screen

 Filter pack

 End cap

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.

ATLAS GEOSCIENCES NW

ATLAS GEOSCIENCES NW

	PROJECT NAME: **Bellevue Way Cleaners**	PROJECT NUMBER: **02-0266-A**	DRILLING DATE: **11/18/2024**
	DRILLING CONTRACTOR: **AEC**	BORING DIAMETER: **6"**	WEATHER: **Rainy**
BORING/WELL ID: **GMW4**	DRILLING METHOD: **Sonic**	TOTAL DEPTH: **50'**	DEPTH TO WATER: **41.5'**
	LOCATION: **Bellevue, Washington**		LOGGED BY: **BQ**

NOTES: Well Tag: BQU-269

Depth (feet)	USCS Soil Type/Graphic	Description	Interval and % Recovery	PID (vppm)	Sample ID	Well Construction
0	PAV	0-0.25': Asphalt.				0 Flush mounted 8" cover
		0.25'-31': Brown, fine to coarse silty sand with gravel, loose, no sheen, dry, poorly sorted, no odor.	50	0		Concrete Seal
5		Brick pieces.		0.4	GMW4-5	5
		No brick pieces.		0	GMW4-6	
			100	1.4	GMW4-7	2" PVC Blank
				0.2	GMW4-9	
10		Decrease in gravels.		0.6	GMW4-10	10
				0		
			100	0		
				0.1		
				0.7		
15				0.7	GMW4-15	15
			100	0.1		
				0.1		
20				0.1	GMW4-20	20
				0		
		Becomes dense.	% Recovery not recorded.	0.4		Bentonite Seal
25	SM	Slight sweet odor.		3.1	GMW4-5	25
		No odor.		0		
				0.1		
30				0.8	GMW4-30	30
		31'-32': No recovery.				
		32'-50': Brown, fine to coarse silty sand, loose, no sheen, dry, poorly sorted, no odor.		0.4		
35				1.2	GMW4-35	35
				1		
				0.7		
40				0.7	GMW4-40	40
				0		
		Becomes wet.		0		Sand Pack
45		Decrease in fines, becomes moist.		1.7	GMW4-45	45 2" O.D. Well Screen (10 slot)
				0		
				0		
50		Boring terminated at 50 feet, groundwater monitoring well installed.		0	GMW4-50	50

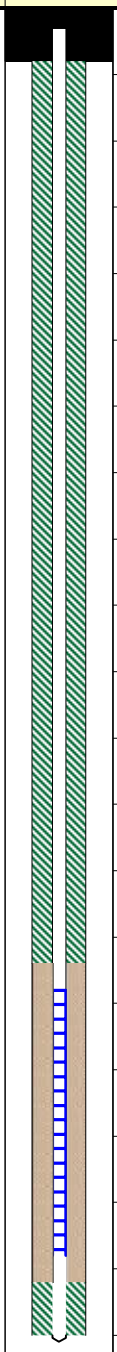
ATLAS GEOSCIENCES NW

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

BORING/WELL ID: **GMW5**

NOTES: Well Tag: BQU-270

Depth (feet)	USCS Soil Type/Graphic	Description	Interval and % Recovery	PID (vppm)	Sample ID
0	PAV	0-0.25': Asphalt	% Recovery not recorded.		
		0.25'-50': Brown, fine to coarse silty sand with gravel, loose, no sheen, dry, poorly sorted, no odor.		0	
5				0.1	GMW5-5
				0.7	GMW5-6
				0.1	
10				0	GMW5-10
		Sweet odor.		0.1	
				0.4	
15				0.6	GMW5-15
				0.6	
		No odor.		0.3	
20	SM			0.1	GMW5-20
				4	GMW5-21
		Increase in fines.		1.4	
25				2.6	GMW5-25
				0.6	
				2.6	
30				5	GMW5-30
		Increase in gravels.		1.2	
				0.8	
35				1.6	GMW5-35
				1.3	
				4.2	GMW5-37
40				0.9	GMW5-40
				0.2	
		Becomes wet.		0	
45				0.1	GMW5-45
				0	
				0	
50		Boring terminated at 50 feet, groundwater monitoring well installed.		0	GMW5-50



Well Construction

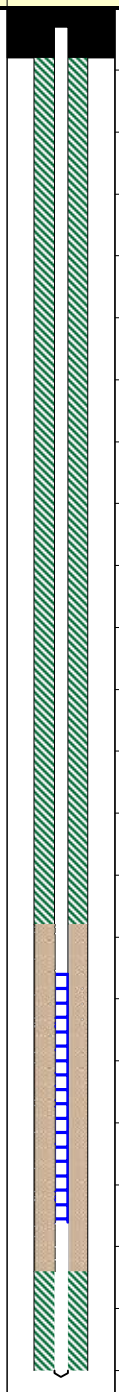
- Flush mounted 8" cover
- Concrete Seal
- 2" PVC Blank
- Bentonite Seal
- Sand Pack
- 2" O.D. Well Screen (10 slot)
- Bentonite Seal

ATLAS GEOSCIENCES NW

	PROJECT NAME: **Bellevue Way Cleaners**	PROJECT NUMBER: **02-0266-A**	DRILLING DATE: **11/19/2024**
	DRILLING CONTRACTOR: **AEC**	BORING DIAMETER: **6"**	WEATHER: **Cloudy**
BORING/WELL ID: **GMW6**	DRILLING METHOD: **Sonic**	TOTAL DEPTH: **55'**	DEPTH TO WATER: **42'**
	LOCATION: **Bellevue, Washington**		LOGGED BY: **BQ/RM**

NOTES: Well Tag: BQU-271

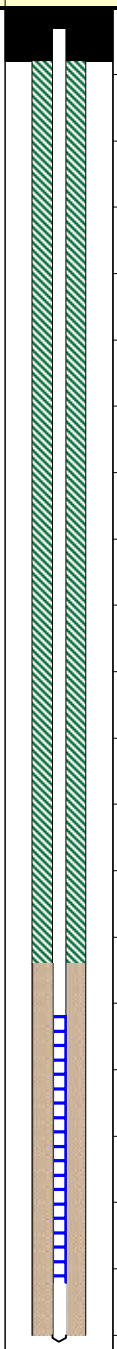
Depth (feet)	USCS Soil Type/Graphic	Description	Interval and % Recovery	PID (vppm)	Sample ID
0	PAV	0'-0.25': Asphalt.		0	
		0.25'-24': Brown, fine to coarse silty sand with gravel, loose, no sheen,dry, poorly sorted,no odor.	% Recovery not recorded.	0	
5				0	GMW6-5
				0.3	GMW6-6
				0.7	GMW6-8
				0.5	GMW6-9
10				0.3	GMW6-10
				0.2	
				0.7	
15				0.9	GMW6-15
				0.5	
		Becomes moist.		0	
20				0	GMW6-20
		Becomes dense.		0.3	
				0.6	
25		24'-31': Brown, fine to coarse silty sand, loose, no sheen, dry, poorly sorted, no odor.		0.7	GMW6-25
	SM			0.5	
				0.2	
30				0.1	GMW6-30
		31'-34': No recovery.			
				2.3	
35		34'-50': Brown, fine to coarse silty sand with lenses of compacted silt, loose, no sheen, dry, poorly sorted, slightly sweet odor.		6.5	GMW6-35
		No odor.		4.2	
				1.3	
				2.4	
40				1.4	GMW6-40
				1.1	
		Becomes wet.		1.9	GMW6-43
45		Becomes coarser grained.		1.7	GMW6-45
				1.6	
				0.7	
50				0.4	GMW6-50
				0	
				0	
55		Boring terminated at 55 feet, groundwater monitoring well installed.		0	GMW6-55



ATLAS GEOSCIENCES NW	PROJECT NAME: **Bellevue Way Cleaners**	PROJECT NUMBER: **02-0266-A**	DRILLING DATE: **11/19/2024**
	DRILLING CONTRACTOR: **AEC**	BORING DIAMETER: **6"**	WEATHER: **Cloudy**
BORING/WELL ID: **GMW7**	DRILLING METHOD: **Sonic**	TOTAL DEPTH: **50'**	DEPTH TO WATER: **41'**
	LOCATION: **Bellevue, Washington**		LOGGED BY: **BQ/RM**

NOTES: Well Tag: BQU-272

Depth (feet)	USCS Soil Type/Graphic	Description	Interval and % Recovery	PID (vppm)	Sample ID
0	PAV	0'-0.25': Asphalt.	% Recovery not recorded.	0.5	GMW6-2
		0.25'-11': Brown, fine to coarse silty sand with gravel, loose, no sheen, dry, poorly sorted, no odor.		0	
5	SM			0.4	GMW7-5
				0	GMW7-6
				0.9	GMW7-7
				0.7	
				0	GMW7-9
10				0	GMW7-10
				2.7	GMW7-11
		11'-20.5': Brown, fine to coarse sandy silt, trace gravel, loose, no sheen, moist, poorly sorted, slightly sweet odor.		1.1	
15	ML			1.3	GMW7-15
		No odor.		1.2	
		Mottled.		0.2	
20		Becomes dry.		3.2	GMW7-20
		20.5'-40': Brown, fine to coarse silty sand, loose, no sheen, dry, poorly sorted, no odor		0.5	
		Slight sweet odor.		6.1	GMW7-22
		No odor.		0.9	
25	SM			1.5	GMW7-25
				0.2	
				0.3	
				2.3	
30				4.9	GMW7-30
				1.6	
		Increasing fines.		1	
				1.5	
35				1.1	GMW7-35
				4.2	GMW7-36
				3.2	
				1.4	
40				2.9	GMW7-40
		40'-50': Brown, poorly sorted, fine to coarse sand, loose, wet, no odor, no sheen.		0.3	
				0.1	
45	SP			0.1	GMW7-45
				0	
				0.1	
				0	
50				0	GMW7-50
		Boring terminated at 50 feet, groundwater monitoring well installed.			

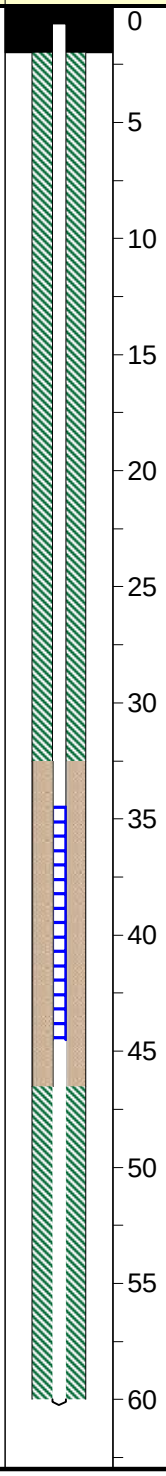


ATLAS GEOSCIENCES NW

	PROJECT NAME: **Bellevue Way Cleaners**	PROJECT NUMBER: **02-0266-A**	DRILLING DATE: **11/20/2024**
	DRILLING CONTRACTOR: **AEC**	BORING DIAMETER: **6"**	WEATHER: **Clear**
BORING/WELL ID: **GMW8**	DRILLING METHOD: **Sonic**	TOTAL DEPTH: **60'**	DEPTH TO WATER: **37'**
	LOCATION: **Bellevue, Washington**		LOGGED BY: **RM**

NOTES: Well Tag: BQU-273

Depth (feet)	USCS Soil Type/Graphic	Description	Interval and % Recovery	PID (vppm)	Sample ID
0	PAV	0'-0.25': Gravel.	% Recovery not recorded.	1.7	GMW8-1
	SM	0.25'-6': Brown, fine to coarse silty sand with gravel, loose, no sheen, dry, poorly sorted, no odor.		0.6	
5				0.3	GMW8-5
		6'-28': Brown, fine to medium sand, trace silt, loose, no sheen, slightly moist, poorly sorted, no odor.		0.6	
				0	
10				0.5	GMW8-10
				1.1	
				0.5	
				2.8	
15				0.3	GMW8-15
		16'-20': No recovery.		0	GMW8-16
	SP			0.3	GMW8-19
20				1.7	
		Becomes dense, increase in silt.		3.8	GMW8-22
				0.8	
25				1.7	GMW8-25
				1.7	
				2.4	GMW8-28
30		28'-58': Brown, fine to medium silty sand, loose, no sheen, moist, poorly sorted, no odor.		1.6	GMW8-30
		Becomes fine to coarse.		2.7	GMW8-31
				0.7	
35				1	GMW8-35
				0.3	
		Becomes wet.		2	GMW8-38
40	SM			1.1	GMW8-40
				0.3	GMW8-43
45				0.2	GMW8-45
				0.1	
				0.2	
50				0.5	GMW8-50
				0.1	
				0	
55				0.1	GMW8-55
				0.3	GMW8-56
				0.1	
60	SP	58'-60':Brown, poorly sorted, fine to coarse sand, trace silt, loose, slightly moist, no odor, no sheen.		0.1	GMW8-60
		Boring terminated at 60 feet, groundwater monitoring well installed.			



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

NOTES: Well Tag: BQU-325

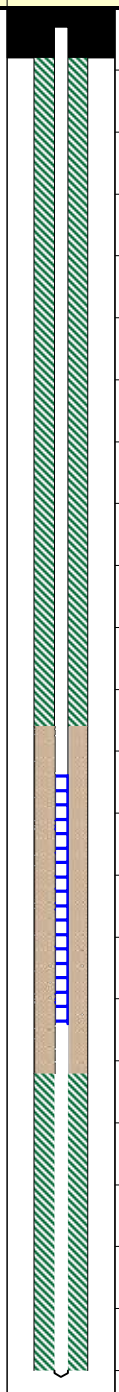
Depth (feet)	USCS Soil Type/Graphic	Description	Interval and % Recovery	PID (vppm)	Sample ID	Well Construction
0	ORG	0'-0.25': Topsoil 0.25'-5: No recovery.	0			Flush mounted 8" cover Concrete Seal
5	ML	5'-9': Brown, poorly sorted, fine to medium sandy silt, trace gravel, loose, moist, no odor, no sheen.	100	0 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.	100	0.2 0 0	GMW9-10 GMW9-13	
15		Becomes brown/gray in color. Increasing fines.	100	0 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. Becomes dark gray/brown in color.	100	1.7 0.9 3.4	GMW9-25 GMW9-28	
30		Decreasing silt lenses.	100	1.4 0 0	GMW9-31	Sand Pack
35			100	2 0 0.2	GMW9-35 GMW9-37	2" O.D. Well Screen (10 slot)
40		Becomes wet.	100	0 0 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	

ATLAS GEOSCIENCES NW

	PROJECT NAME: **Bellevue Way Cleaners**	PROJECT NUMBER: **02-0266-A**	DRILLING DATE: **11/21/2024**
	DRILLING CONTRACTOR: **AEC**	BORING DIAMETER: **6"**	WEATHER: **Cloudy**
BORING/WELL ID: **GMW10**	DRILLING METHOD: **Sonic**	TOTAL DEPTH: **55'**	DEPTH TO WATER: **35'**
	LOCATION: **Bellevue, Washington**		LOGGED BY: **RM**

NOTES: Well Tag: BQU-274

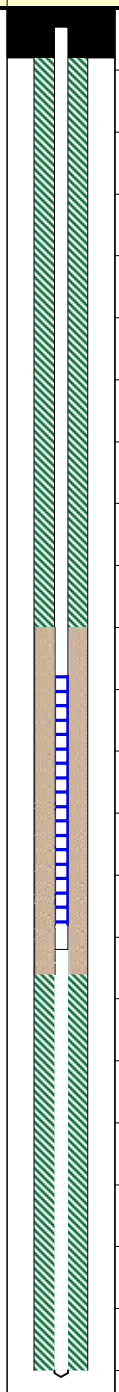
Depth (feet)	USCS Soil Type/Graphic	Description	Interval and % Recovery	PID (vppm)	Sample ID
0	PAV	0'-0.25': Gravel.	% Recovery not recorded.	0.6	GMW10-1
		0.25'-29': Brown, fine to coarse silty sand with gravel, loose, no sheen, moist, poorly sorted, no odor.		0.1	
5				0.2	
				1	
				1.7	GMW10-7
10				0	
				3.3	GMW10-11
		Becomes gray, slight petroleum odor.		0.3	
		Becomes brown, no odor.			
15				0.4	
				0.1	
				0.3	
20				0.8	GMW10-20
				0.8	GMW10-21
		Becomes fine to medium grained.		0.7	
25	SM			0.2	
				0.4	
				0.1	
30		29'-55': Brown, fine to medium silty sand, loose, no sheen, moist, poorly sorted, no odor.		0.6	GMW10-30
				3.5	GMW10-31
		Becomes white, slight organic odor.		2.1	
		Becomes brown, no odor.			
35				2.1	
				0.5	
				1.5	
40		Becomes wet.		12.2	GMW10-40
45				0.9	GMW10-45
				0.9	GMW10-46
				1.1	
50				0.4	
				0	
				0	
55		Boring terminated at 55 feet, groundwater monitoring well installed.		0	GMW10-55



ATLAS GEOSCIENCES NW	PROJECT NAME: **Bellevue Way Cleaners**	PROJECT NUMBER: **02-0266-A**	DRILLING DATE: **11/21/2024**
	DRILLING CONTRACTOR: **AEC**	BORING DIAMETER: **6"**	WEATHER: **Cloudy**
BORING/WELL ID: **GMW11**	DRILLING METHOD: **Sonic**	TOTAL DEPTH: **55'**	DEPTH TO WATER: **30'**
	LOCATION: **Bellevue, Washington**		LOGGED BY: **RM**

NOTES: Well Tag: BQU-275

Depth (feet)	USCS Soil Type/Graphic	Description	Interval and % Recovery	PID (vppm)	Sample ID
0	PAV	0'-0.25': Asphalt.	% Recovery not recorded.	0	
	SM	0.25'-5':Brown, fine to coarse silty sand, loose, no sheen, dry, poorly sorted, no odor.		0	
5				0.1	GMW11-5
				1.1	
	SP	5'-11': Brown, poorly sorted, fine to coarse sand, loose, dry, no odor, no sheen.		1.2	GMW11-7
10				0.6	
		11'-21': Brown, fine to medium silty sand with gravel, loose, no sheen, dry, poorly sorted, no odor.		0.3	GMW11-11
				0.2	
15	SM			0.1	
				0.6	GMW11-16
				0.5	
20		Becomes white/gray in color.		0.4	
				0.3	GMW11-21
		21'-55': Brown, fine to coarse sand, loose, no sheen, dry, poorly sorted, no odor.		1.4	GMW11-22
25				0.5	
				2.1	GMW11-26
				1.4	
30		Some gravel, becomes wet.		1.3	
				1.1	GMW11-31
				0	
35	SP	No gravel.		0	
				0	
		Increasing fines.		0	
40				0	GMW11-40
45				0.1	GMW11-45
				0.3	
50				0.7	GMW11-50
				0.3	GMW11-51
				0.1	
55		Boring terminated at 55 feet, groundwater monitoring well installed.		0	GMW11-55



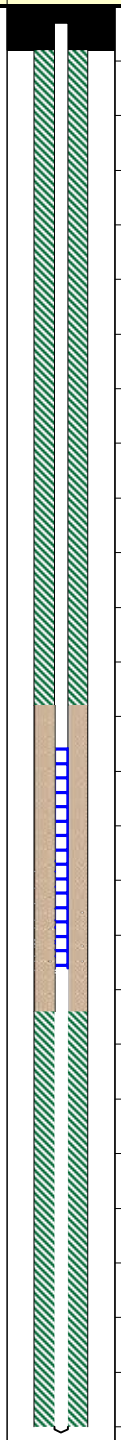
ATLAS GEOSCIENCES NW

	PROJECT NAME: **Bellevue Way Cleaners**	PROJECT NUMBER: **02-0266-A**	DRILLING DATE: **11/22/2024**
	DRILLING CONTRACTOR: **AEC**	BORING DIAMETER: **6"**	WEATHER: **Cloudy**
BORING/WELL ID: **GMW13**	DRILLING METHOD: **Sonic**	TOTAL DEPTH: **65'**	DEPTH TO WATER: **37'**
	LOCATION: **Bellevue, Washington**		LOGGED BY: **RM**

NOTES: Well Tag: BQU-276

Depth (feet)	USCS Soil Type/Graphic	Description	Interval and % Recovery	PID (vppm)	Sample ID
0	PAV	0'-0.25': Gravel.	% Recovery not recorded.	0.1	
		0.25'-50': Brown, fine to medium silty sand with gravel, no sheen, moist, poorly sorted, organic odor.		0.2	
5		Becomes light brown, no odor, dry.		0.3	GMW13-5
				0.1	GMW13-6
				0	
				0	GMW13-9
10				0	GMW13-10
				0.7	
				0.7	GMW13-12
15				0.6	
				1.1	GMW13-16
				0.2	
20		Becomes gray, sweet odor.		0.4	GMW13-20
				1810	
				2000	GMW13-22
25	SM			172.5	
				60.5	
				117.1	GMW13-27
30		Becomes brown, no gravel.		2.9	
				18.9	
				12.8	
35		Becomes moist.		165.2	GMW13-35
				2.9	
40		No odor.		3.5	GMW13-40
				1.6	
				0.9	
45				0.8	GMW13-45
				0.8	
				1.3	
50	SP	50'-65': Brown, fine to coarse sand, trace silt, no sheen, moist, poorly sorted, no odor.		1.4	GMW13-50
				2	GMW13-51
				0.7	
55				1.5	
				0.4	
60		Becomes wet.		0.6	GMW13-60
				0.2	
				0	
65		Boring terminated at 65 feet, groundwater monitoring well installed.		0	GMW13-65

Well Construction



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

NOTES:

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.	60	5.2	B6-0-1	Temporary boring. Backfilled with bentonite.
	SM	0.5'-15': Brown, fine to medium silty sand with gravel, moist, no odor, no sheen.		0		
5				0	B6-4-5	
			60	0	B6-5-6	
		Becomes dry.		0		
10				0	B6-9-10	
		Increasing fines.	100	1.5	B6-10-11	
				0		
15		Boring terminated at 15 feet, groundwater not encountered.		0	B6-14-15	

ATLAS GEOSCIENCES NW	PROJECT NAME: **Bellevue Way Cleaners**	PROJECT NUMBER: **02-0266-A**	DRILLING DATE: **11/18/2024**
	DRILLING CONTRACTOR: **Holocene**	BORING DIAMETER: **2"**	WEATHER: **Rainy**
BORING/WELL ID: **B7**	DRILLING METHOD: **Direct Push**	TOTAL DEPTH: **15'**	DEPTH TO WATER: **N/A**
	LOCATION: **Bellevue, Washington**		LOGGED BY: **HS**

NOTES:

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

ATLAS GEOSCIENCES NW	PROJECT NAME: **Bellevue Way Cleaners**	PROJECT NUMBER: **02-0266-A**	DRILLING DATE: **11/18/2024**
	DRILLING CONTRACTOR: **Holocene**	BORING DIAMETER: **2"**	WEATHER: **Rainy**
BORING/WELL ID: **B8**	DRILLING METHOD: **Direct Push**	TOTAL DEPTH: **13'**	DEPTH TO WATER: **N/A**
	LOCATION: **Bellevue, Washington**		LOGGED BY: **HS**

NOTES:

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

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

NOTES:

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

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

NOTES:

Depth (feet)	USCS Soil Type/Graphic	Description	Interval and % Recovery	PID (vppm)	Sample ID	Well Construction
0	PAV	0'-0.25': Asphalt.				
		0.25'-15': Brown, poorly sorted, fine to medium sandy silt with gravel, medium dense, dry, organic odor, no sheen.	% Recovery not recorded.	0.4		Temporary boring. Backfilled with bentonite.
				0.4	B10-2	
5				0.3		
				1.6	B10-6	
	ML			0.1		
10				0		
				0.2		
				0.2	B10-12	
15				0		
		15'-25': Brown, poorly sorted, fine to coarse sand with gravel, dry, medium dense, no odor, no sheen.		0.5		
				0.2		
20	SP			4	B10-20	
				0.2		
				0.5	B10-22	
25				0.2	B10-25	
		25'-35': Brown, fine to medium silty sand with gravel, poorly sorted, no sheen, no odor.		0		
	SM			0		
30				0.2	B10-30	
				0.6	B10-31	
		Becomes fine to coarse grained.		0		
35				0.1	B10-35	
		Boring terminated at 35 feet, groundwater not encountered.				

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

NOTES:

Depth (feet)	USCS Soil Type/Graphic	Description	Interval and % Recovery	PID (vppm)	Sample ID	Well Construction
0	PAV	0'-0.25': Gravel.				Temporary boring. Backfilled with bentonite.
		0.25'-49': Brown, fine to medium silty sand with gravel, loose, moist, poorly sorted, no sheen, no odor.	% Recovery not recorded.			
				0.7	B11-4	
5				0.7	B11-6	
				0.8	B11-8	
				0.6	B11-9	
10				0.7		
				0.3		
				0.9	B11-12	
15				0.7	B11-15	
				0.2	B11-16	
				0.3		
20	SM			0.6	B11-20	
				1		
				0.7		
25				6.7	B11-25	
				1.4		
				1.3		
30				4.3	B11-30	
				2.9		
				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, moist, poorly sorted, no sheen, no odor.		2.7	B11-50	
	SP			0	B11-51	
				0		
55		Boring terminated at 55 feet, temporary groundwater monitoring well installed, groundwater grab sample collected.		0	B11-55	

APPENDIX B

Laboratory Analytical Reports and Sample Chain-of-Custody Forms

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

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)

Analyte	Result	PQL	Method	Date Prepared	Date 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*				
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)

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	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	11-277-04										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*108*	*103*	*61-122*			

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

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

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

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

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

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

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

I - Compound recovery is outside of the control limits.

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

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

L - The RPD is outside of the control limits.

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

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

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

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

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

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

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

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

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

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

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

Chain of Custody

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

Company: Atlas Geosciences NW
Project Number: 62-0266-A
Project Name: Bellevue Way Cleaners
Project Manager: Megan Poysnick, Liz Rachman
Sampled by: Ruth Magnuson

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

Laboratory Number: 11-323

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers
1	~~GMW9~~ B11	11/21	8:10	water	4

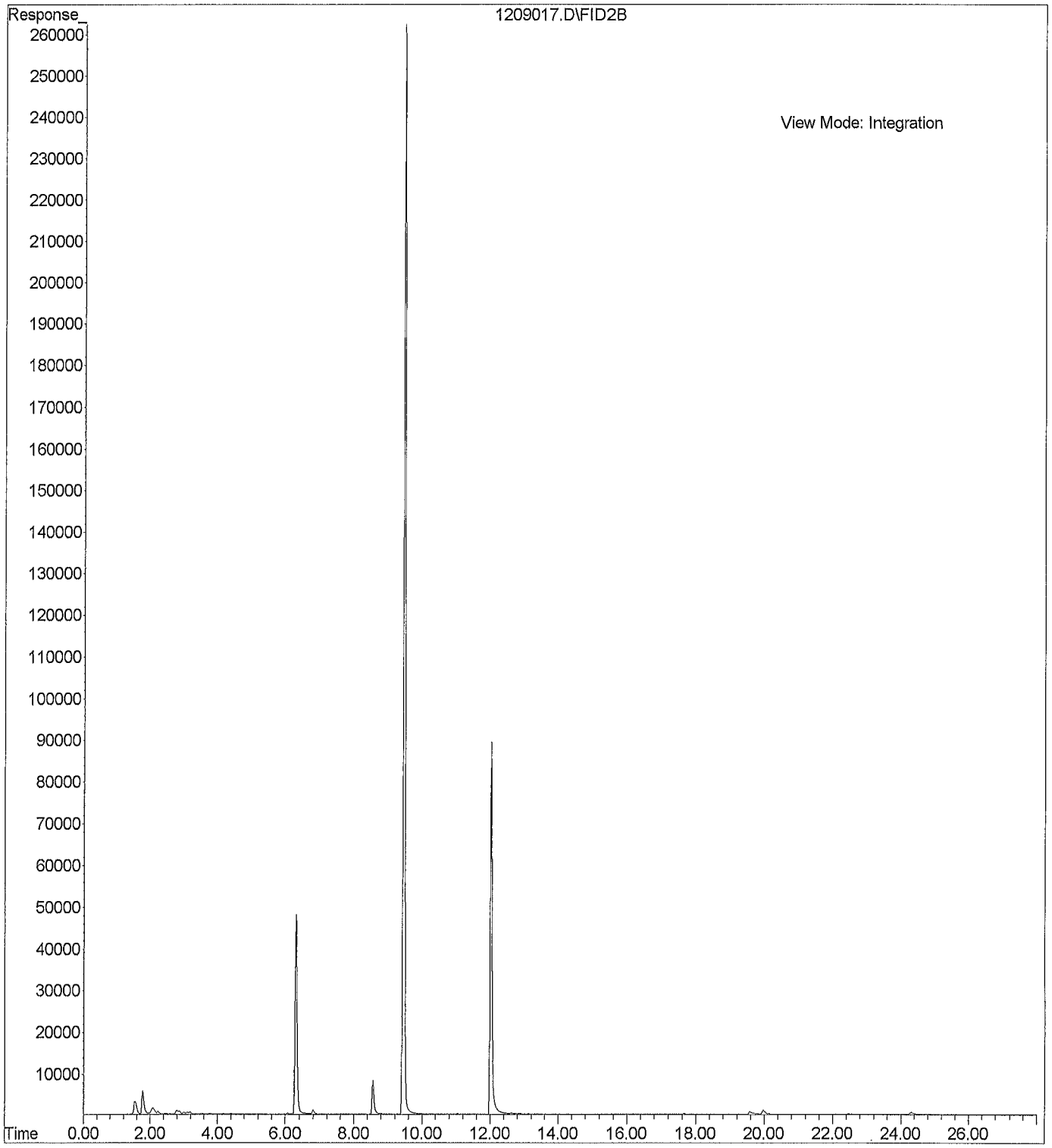
Lab ID	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (SG Clean-up☐)	Volatiles 8260	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664					% Moisture
1			●			✱ X																

	Signature	Company	Date	Time
Relinquished	[signature]	Atlas	11/22/24	2:30
Received	[signature]	ACPHA	11/22/24	2:30
Relinquished	[signature]	ACPHA	11/22/24	3:52
Received	[signature]	OSE	11/22/24	1552
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
✱ PCE, TCE, cis/trans DCE, VC, 1,2 DCA
● Added 12/6/24. DB (STA)

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

File : X:\BTEX\HOPE\DATA\H241209\1209017.D
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



OnSite Environmental Inc.
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. 2411-324

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

Date of Report: December 4, 2024
Samples Submitted: November 22, 2024
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.

Date of Report: December 4, 2024
Samples Submitted: November 22, 2024
Laboratory Reference: 2411-324
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:	**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*				

Date of Report: December 4, 2024
Samples Submitted: November 22, 2024
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		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	11-284-20										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*90*	*104*	*62-134*			

Date of Report: December 4, 2024
Samples Submitted: November 22, 2024
Laboratory Reference: 2411-324
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:	**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*				

Date of Report: December 4, 2024
Samples Submitted: November 22, 2024
Laboratory Reference: 2411-324
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*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	11-340-08										
	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						*81*	*75*	*50-150*			

Date of Report: December 4, 2024
Samples Submitted: November 22, 2024
Laboratory Reference: 2411-324
Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date 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*				

Date of Report: December 4, 2024
Samples Submitted: November 22, 2024
Laboratory Reference: 2411-324
Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date 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*				

Date of Report: December 4, 2024
Samples Submitted: November 22, 2024
Laboratory Reference: 2411-324
Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date 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*				

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1130S1									
	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*			

Date of Report: December 4, 2024
Samples Submitted: November 22, 2024
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

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

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

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

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

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

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

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

I - Compound recovery is outside of the control limits.

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

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

L - The RPD is outside of the control limits.

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

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

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

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

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

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

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

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

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

Z -

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

Chain of Custody

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

Company: Atlas Geosciences NW
Project Number: 02-0266-A
Project Name: Bellevue Way Cleaners
Project Manager: Megan Poysnick, Liz Rachman
Sampled by: Ruth Magana

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

Laboratory Number: 11-324

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (SG Clean-up☐)	Volatiles 8260	Halogenated Volatiles 8260 (X)	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664					% Moisture
1	GMW10-1	11/21	1003	S	5						(X)																
2	GMW10-7		1001																								
3	GMW10-11		1018					(X)	(X)																		(X)
4	GMW10-20		1020																								
5	GMW10-21		1031																								
6	GMW10-30		1033																								
7	GMW10-31		1059																								
8	GMW10-40		1101								(X)																(X)
9	GMW10-45		1122																								
10	GMW10-46	↓	1120	↓	↓																						

	Signature	Company	Date	Time
Relinquished	[signature]	Atlas	11/22/24	2:30
Received	[signature]	ALPHA	11/22/24	2:30
Relinquished	[signature]	ALPHA	11/22/24	3:52
Received	[signature]	ONE	11/22/24	1552
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

(X) PCE, TCE, cis/trans DCE, VC, 1,2 DCA

(X) Added 11/26/24 BCO STA

Data Package: Standard ☒ Level III ☐ Level IV ☐

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

Chain of Custody

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

Company: Atlas GeoSciences NW
Project Number: 02-0266-A
Project Name: Bellevue Way Cleaners
Project Manager: Megan Paysnick, Liz Ruchman
Sampled by: Ruth Magaña

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

Laboratory Number: 11-324

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (SG Clean-up☐)	Volatiles 8260	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664					% Moisture
11	GMW10-55	11/21	1136	S	5						X																X
12	GMW11-5		1309																								X
13	GMW1-7		1307																								
14	GMW1-11		1321																								
15	GMW11-16		1323																								
16	GMW1-22		1334								X																X
17	GMW1-26		1342																								
18	GMW1-31		1409																								
19	GMW1-40		1407																								
20	GMW1-44	↓	1425	↓	↓																						

	Signature	Company	Date	Time
Relinquished	[signature]	Atlas	11/22/24	2:30
Received	[signature]	ALPHA	11/22/24	2:30
Relinquished	[signature]	ALPHA	11/22/24	3:50
Received	[signature]	ONE	11/22/24	1552
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

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

Chain of Custody

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Company: Atlas Geosciences NW
Project Number: 02-0266-A
Project Name: Bellevue Way Cleaners
Project Manager: Megan Poyshick, Liz Rachman
Sampled by: Ruth Mogano

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

Laboratory Number: 11-324

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (SG Clean-up☐)	Volatiles 8260	Halogenated Volatiles 8260 (X)	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664					% Moisture
21	GMW11-5D	11/21	1421	S	5																						
22	GMW11-51		1444																								
23	GMW11-55		1442								X																X
24	GMW11-21		1510																								

	Signature	Company	Date	Time
Relinquished	[signature]	Atlas	11/22/24	2:30
Received	[signature]	ALPHA	11/22/24	2:30
Relinquished	[signature]	ALPHA	11/22/24	3:52
Received	[signature]	ONE	11/22/24	1552
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Data Package: Standard ☒ Level III ☐ Level IV ☐

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

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

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

Date of Report: December 5, 2024
Samples Submitted: November 25, 2024
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.

Date of Report: December 5, 2024
Samples Submitted: November 25, 2024
Laboratory Reference: 2411-342
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:	**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*				

Date of Report: December 5, 2024
Samples Submitted: November 25, 2024
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	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	11-284-20										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*90*	*104*	*62-134*			

Date of Report: December 5, 2024
Samples Submitted: November 25, 2024
Laboratory Reference: 2411-342
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:	**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*				

Date of Report: December 5, 2024
Samples Submitted: November 25, 2024
Laboratory Reference: 2411-342
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*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	11-340-08										
	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						*81*	*75*	*50-150*			

Date of Report: December 5, 2024
Samples Submitted: November 25, 2024
Laboratory Reference: 2411-342
Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date 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*				

Date of Report: December 5, 2024
Samples Submitted: November 25, 2024
Laboratory Reference: 2411-342
Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date 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*				

Date of Report: December 5, 2024
Samples Submitted: November 25, 2024
Laboratory Reference: 2411-342
Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date 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*				

Date of Report: December 5, 2024
Samples Submitted: November 25, 2024
Laboratory Reference: 2411-342
Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL

Matrix: Soil
Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1202S1									
	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:	SB1203S1									
	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*			

Date of Report: December 5, 2024
Samples Submitted: November 25, 2024
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

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

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

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

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

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

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

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

I - Compound recovery is outside of the control limits.

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

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

L - The RPD is outside of the control limits.

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

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

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

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

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

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

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

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

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

Z -

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

Chain of Custody

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

Company: Atlas Geosciences NW
Project Number: 02-0266-A
Project Name: Bellevue Way Cleaners
Project Manager: Megan Poysnick, Liz Rachman
Sampled by: Ruth Magana

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

Laboratory Number: 11-342

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (SG Clean-up☐)	Volatiles 8260	Halogenated Volatiles 8260 (*)	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664					% Moisture
1	~~GMW12-2~~ B10-2	11/22	1219	S	5																						
2	~~GMW12-6~~ B10-6		1222																								
3	~~GMW12-12~~ B10-12		1233																								
4	~~GMW12-20~~ B10-20		1236																								
5	~~GMW12-22~~ B10-22		1241																								
6	~~GMW12-25~~ B10-25		1244																								
7	~~GMW12-27~~ B10-27		1255																								
8	~~GMW12-30~~ B10-30		1257																								
9	~~GMW12-31~~ B10-31		1259						(X)		(X)																(X)
10	~~GMW12-35~~ B10-35	↓	1301	↓	↓				(X)																		(X)

	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished	[signature]	Atlas	11/25/24	0954	(*) PCE, TCE, cis/trans DCE, VC, 1,2 DCA
Received	[signature]	Spdy	11/25/24	0954	
Relinquished	[signature]	Spdy	11/25/24	1255	(X) Added 11/26/24 BGP STA
Received	[signature]	[signature]	11/25/24	1258	
Relinquished					
Received					
Reviewed/Date		Reviewed/Date			Data Package: Standard ☒ Level III ☐ Level IV ☐
					Chromatograms with final report ☒ Electronic Data Deliverables (EDDs) ☒

Chain of Custody

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

Company: Atlas Geosciences NW
Project Number: 02-0266-A
Project Name: Bellevue Way Cleaners
Project Manager: Megan Paysnick, Liz Rachman
Sampled by: Ruth Magaña

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

Laboratory Number: 11-342

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (SG Clean-up ☐)	Volatiles 8260	Halogenated Volatiles 8260 (*)	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664					% Moisture
11	GMW13-5	11/22	1346	S	5			X	X		X																X
12	GMW 13-6		1348																								
13	GMW 13-9		1350																								
14	GMW 13-10		1352		4																						
15	GMW 13-12		1405																								
16	GMW 13-16		1408																								
17	GMW 13-20		1410																								
18	GMW 13-22		1428					X	X		X																X
19	GMW 13-25		1434																								
20	GMW 13-27		1431	V	V																						

	Signature	Company	Date	Time
Relinquished	[signature]	Atlas	11/25/24	0954
Received	[signature]	Spdy	11/25/24	0954
Relinquished	[signature]	Spdy	11/25/24	1255
Received	[signature]	SPL	11/25/24	1258
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Data Package: Standard ☒ Level III ☐ Level IV ☐

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

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Company: Atlas Geosciences NW
Project Number: 02-0266-A
Project Name: Bellevue Way cleaners
Project Manager: Megan Poysnick, Liz Raehman
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Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☐ Standard (7 Days)
☐ _____ (other)

Laboratory Number: 11-342

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers
21	GMW13-35	11/22	1455	S	5
22	GMW 13-40		1505		
23	GMW 13-45		1507		
24	GMW13-50		1524		
25	GMW13-51		1542		
26	GMW 13-60		1604		
27	GMW 13-61		1624		
28	GMW 13-65		1619		

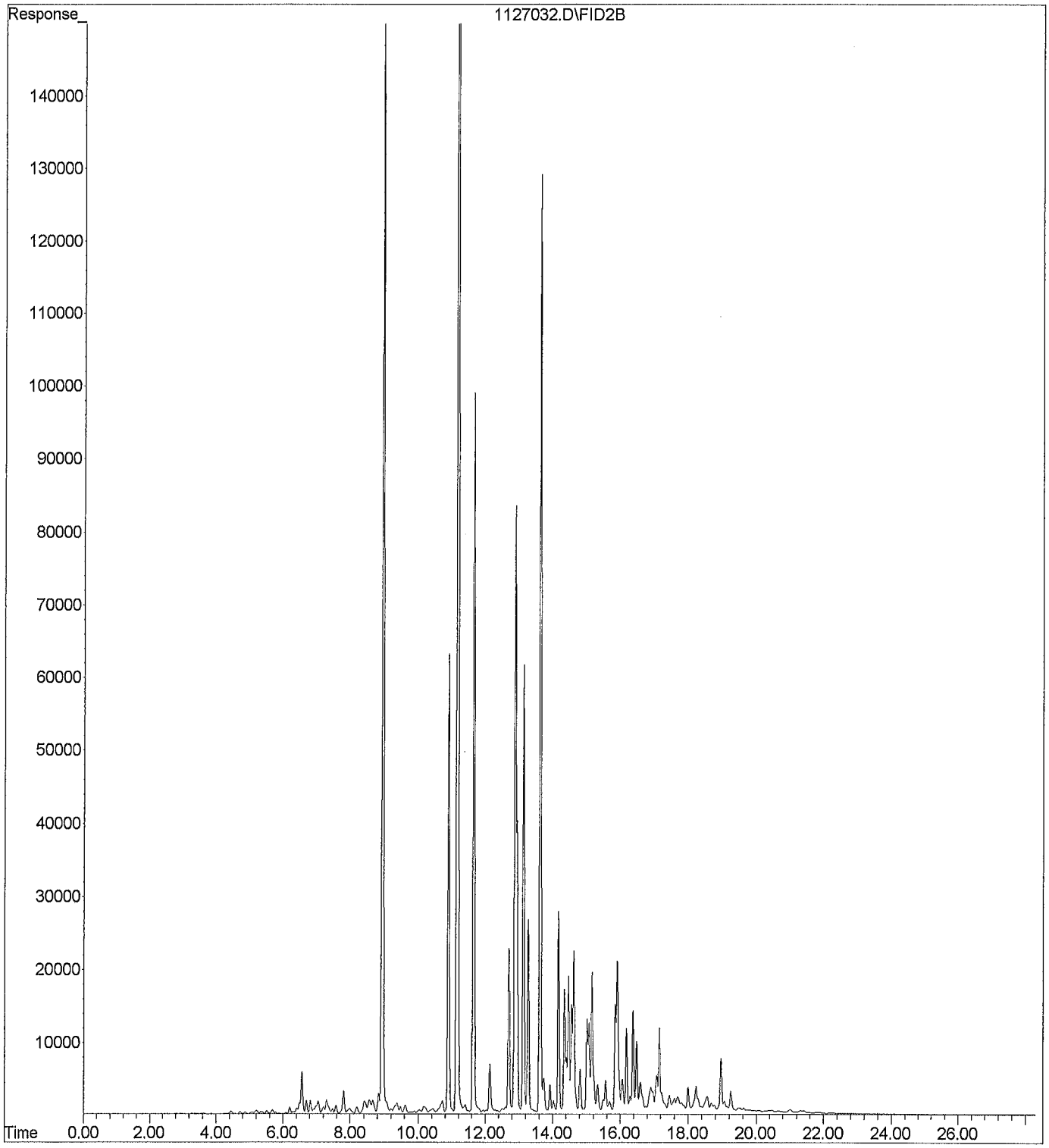
	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (SG Clean-up ☐)	Volatiles 8260	Halogenated Volatiles 8260 (*)	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664					% Moisture
21																						(X)
22																						
23																						
24																						
25																						
26																						
27																						
28						(X)																(X)

	Signature	Company	Date	Time
Relinquished		Atlas	11/25/24	0954
Received	Van		11/25/24	0954
Relinquished	Van		11/25/24	1255
Received			11/25/24	1255
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

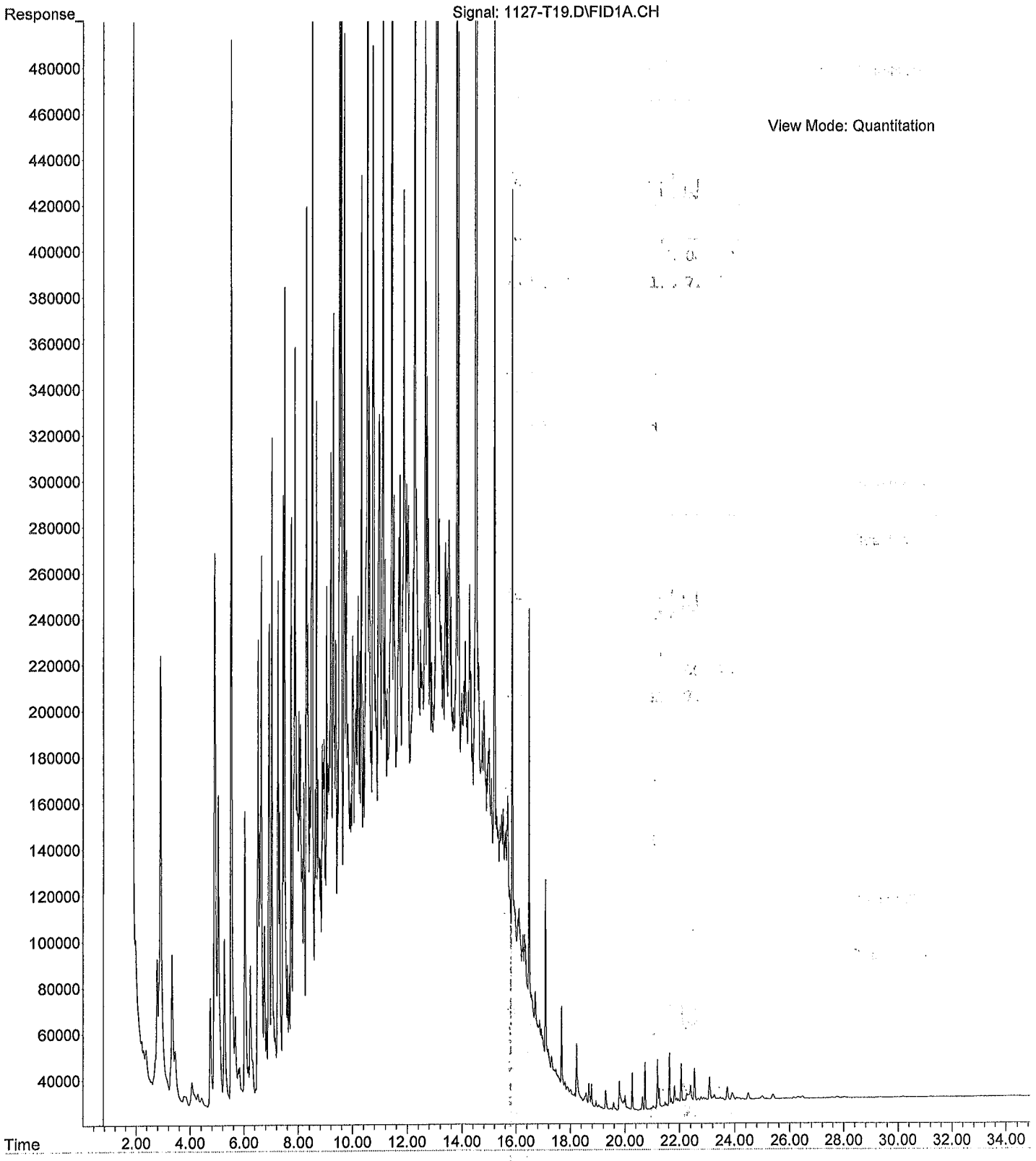
Comments/Special Instructions

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

File : X:\BTEX\DARYL\DATA\D241127\1127032.D
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



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

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

Date of Report: December 12, 2024
Samples Submitted: December 5, 2024
Laboratory Reference: 2412-053
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.

Date of Report: December 12, 2024
Samples Submitted: December 5, 2024
Laboratory Reference: 2412-053
Project: 02-0266-A

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date 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*				

Date of Report: December 12, 2024
Samples Submitted: December 5, 2024
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	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	11-277-04										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*108*	*103*	*61-122*			

Date of Report: December 12, 2024
Samples Submitted: December 5, 2024
Laboratory Reference: 2412-053
Project: 02-0266-A

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date 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*				

Date of Report: December 12, 2024
Samples Submitted: December 5, 2024
Laboratory Reference: 2412-053
Project: 02-0266-A

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date 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*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	SB1206W1										
	ORIG	DUP									
Diesel Fuel #2	**516**	**470**	NA	NA		NA		NA	9	40	
Surrogate:											
o-Terphenyl						*110*	*110*	*50-150*			

Date of Report: December 12, 2024
Samples Submitted: December 5, 2024
Laboratory Reference: 2412-053
Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date 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	
(cis) 1,2-Dichloroethene	ND	1.0	EPA 8260D	12-9-24	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*				

Date of Report: December 12, 2024
Samples Submitted: December 5, 2024
Laboratory Reference: 2412-053
Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date 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*				

Date of Report: December 12, 2024
Samples Submitted: December 5, 2024
Laboratory Reference: 2412-053
Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date 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*				

Date of Report: December 12, 2024
Samples Submitted: December 5, 2024
Laboratory Reference: 2412-053
Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	12-115-01										
	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:	SB1209W1										
	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*			

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

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

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

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

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

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

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

I - Compound recovery is outside of the control limits.

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

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

L - The RPD is outside of the control limits.

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

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

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

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

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

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

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

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

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

Z -

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

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

Chain of Custody

Page 1 of 1

Laboratory Number: 12-053

Company: Atlas Geosciences NW
Project Number: 02-0246-A
Project Name: Bellevue Way Cleaners
Project Manager: Megan Pysnick, Liz Rachman
Sampled by: RM rmagana@atlasgeonw.com

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

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (SG Clean-up☐)	Volatiles 8260 *5 short List	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664					% Moisture
1	GMW7	12/3	930	Water	7					X																	
2	GMW5	12/3	1135	Water	7					X																	
3	GMW8	12/3	1422	water	7					X																	
4	GMW13	12/4	1039	Water	7			X	X	X																	

	Signature	Company	Date	Time
Relinquished	[signature]	Atlas Geosciences NW	12/5/24	0827
Received	Van	Spdy	12/5/24	0827
Relinquished	Van	Spdy	12/5/24	1010
Received	Eladan Preel	OSE	12/5/24	1010
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

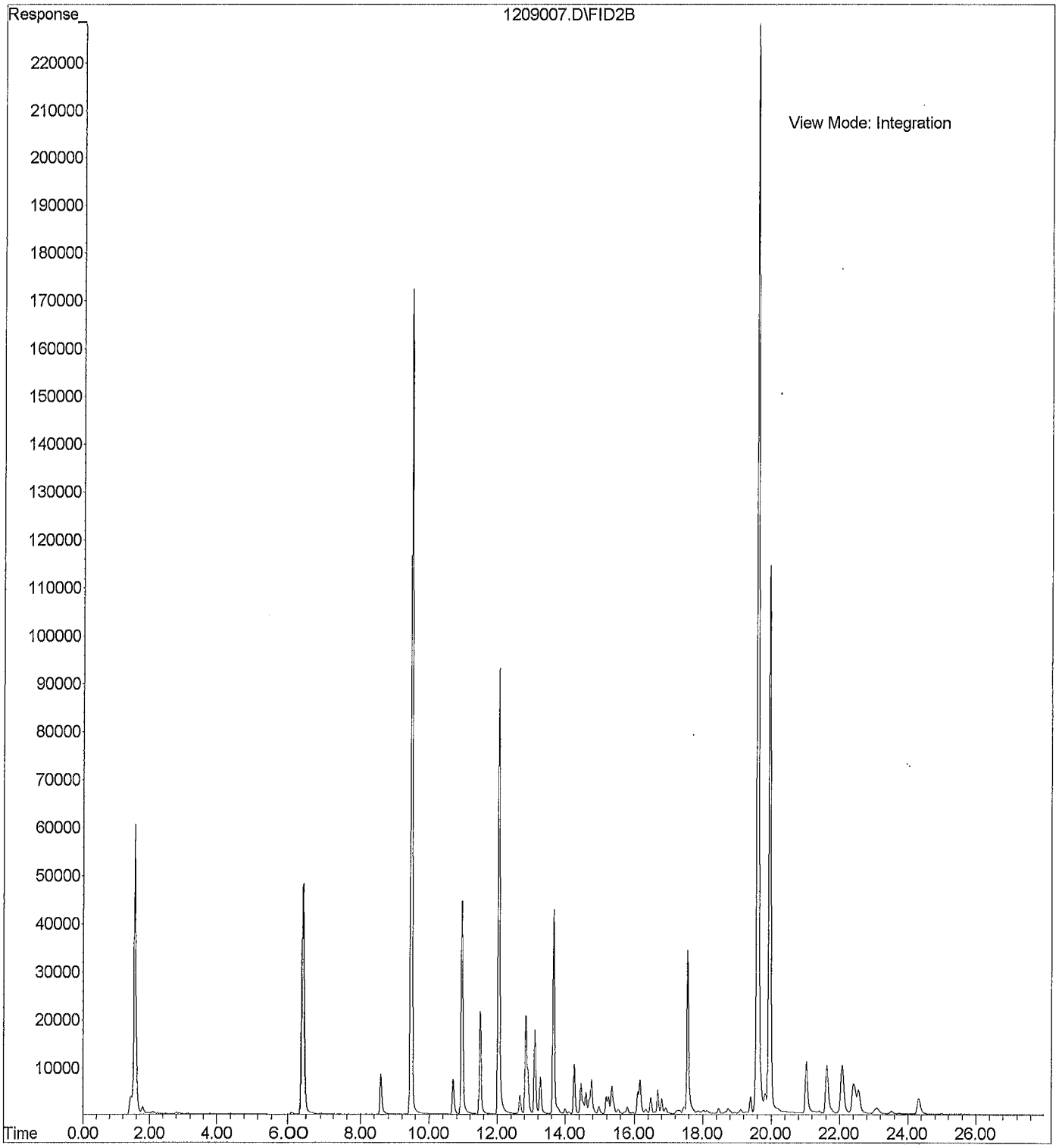
Comments/Special Instructions

*PCE, TCE, CIS, TRANS-1,2, DCE, ~~1,1-DCE~~ NEDD ~~1,2-DCA~~ DB, VC, 1,1,2-TCA.

Data Package: Standard ☒ Level III ☐ Level IV ☐

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

File : X:\BTEX\HOPE\DATA\H241209\1209007.D
Operator :
Acquired : 9 Dec 2024 14:47 using AcqMethod 241025SH.M
Instrument : Hope
Sample Name: 12-053-04e
Misc Info :
Vial Number: 7



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

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

Date of Report: December 13, 2024
Samples Submitted: December 6, 2024
Laboratory Reference: 2412-090
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.

Date of Report: December 13, 2024
Samples Submitted: December 6, 2024
Laboratory Reference: 2412-090
Project: 02-0266-A

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date 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*				

Date of Report: December 13, 2024
Samples Submitted: December 6, 2024
Laboratory Reference: 2412-090
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	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	11-277-04										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*108*	*103*	*61-122*			

Date of Report: December 13, 2024
Samples Submitted: December 6, 2024
Laboratory Reference: 2412-090
Project: 02-0266-A

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date 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*				

Date of Report: December 13, 2024
Samples Submitted: December 6, 2024
Laboratory Reference: 2412-090
Project: 02-0266-A

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date 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*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	12-090-01										
	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*			

Date of Report: December 13, 2024
Samples Submitted: December 6, 2024
Laboratory Reference: 2412-090
Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date 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*				
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*				

Date of Report: December 13, 2024
Samples Submitted: December 6, 2024
Laboratory Reference: 2412-090
Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date 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*				

Date of Report: December 13, 2024
Samples Submitted: December 6, 2024
Laboratory Reference: 2412-090
Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date 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*				

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1209W1									
	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*			

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

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

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

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

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

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

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

I - Compound recovery is outside of the control limits.

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

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

L - The RPD is outside of the control limits.

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

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

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

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

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

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

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

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

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

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

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

Chain of Custody

Page 1 of 1

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

Company: Atlas Geoscience NW
Project Number: 02-0266-A
Project Name: Bellevue Way Cleaners
Project Manager: Megan Paysnick, Liz Rachman
Sampled by: RM

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

Laboratory Number: 12-090

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (SG Clean-up☐)	Volatiles 8260	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664	PCE + breakdowns	1,1,2-TCA			% Moisture
1	GMW11	12/2	1129	water	4			X	X														X	X			
2	GMW4	↓	1358	↓	7																		X	X			
3	GMW6		1558		7																		X	X			
4	GMW10	↓	1806	↓	7			X	X														X	X			

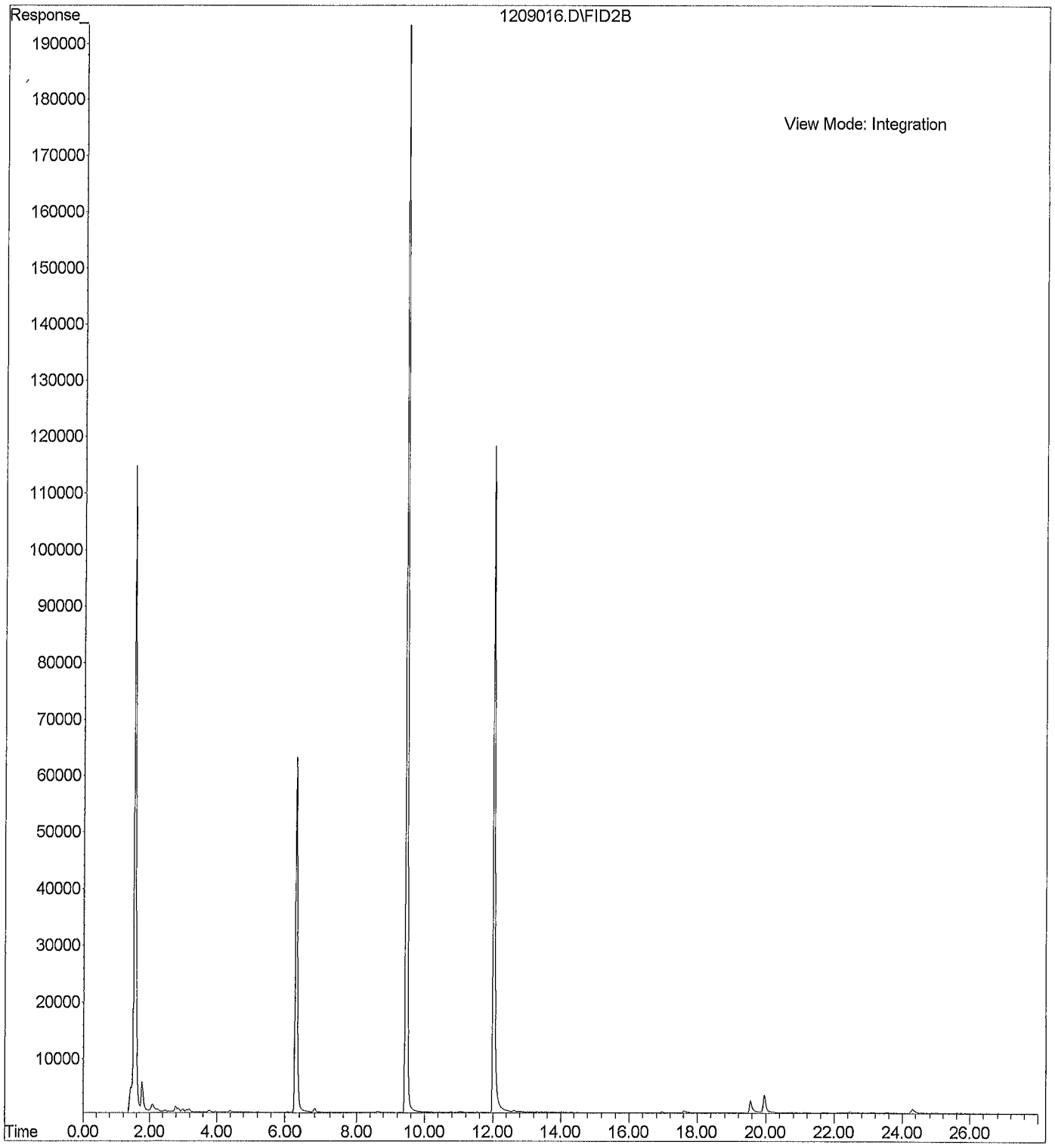
	Signature	Company	Date	Time
Relinquished		Atlas	12/6/24	10:40am
Received			12/6/24	1600
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
* PCE, TCE, VC, DCE, 1,1,2-TCA

Data Package: Standard ☐ Level III ☐ Level IV ☐

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

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



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

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

Date of Report: February 20, 2025
Samples Submitted: February 11, 2025
Laboratory Reference: 2502-109
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.

Date of Report: February 20, 2025
Samples Submitted: February 11, 2025
Laboratory Reference: 2502-109
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:	**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*				

Date of Report: February 20, 2025
Samples Submitted: February 11, 2025
Laboratory Reference: 2502-109
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*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	02-109-06										
	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)

Analyte	Result	PQL	Method	Date Prepared	Date 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*				

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
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0213S1					
Diesel Range Organics	**ND**	25	NWTPH-Dx	2-13-25	2-13-25	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	2-13-25	2-13-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*75*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	02-109-06										
	ORIG	DUP									
Diesel Range	**ND**	**ND**	NA	NA		NA		NA	NA	40	
Lube Oil Range	**ND**	**ND**	NA	NA		NA		NA	NA	40	
Surrogate:											
o-Terphenyl						*70*	*67*	*50-150*			

Date of Report: February 20, 2025
Samples Submitted: February 11, 2025
Laboratory Reference: 2502-109
Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date 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

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date 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*				

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0213S1									
	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*			

Date of Report: February 20, 2025
Samples Submitted: February 11, 2025
Laboratory Reference: 2502-109
Project: 02-0266-A

% MOISTURE

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

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

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

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

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

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

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

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

I - Compound recovery is outside of the control limits.

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

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

L - The RPD is outside of the control limits.

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

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

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

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

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

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

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

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

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

Z -

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

Chain of Custody

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

Company: Atlas Geosciences NW
Project Number: 02-0266-A
Project Name: Bellevue Way Cleaners
Project Manager: Megan Paysnick, Liz Rachman
Sampled by: RAM

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

Laboratory Number: 02-109

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (SG Clean-up☐)	Volatiles 8260 *short list	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664					% Moisture
1	GMW9-5	2/10/25	11:46	Soil	5																						
2	GMW9-10		11:17																								
3	GMW9-13		11:42																								
4	GMW9-16		11:40																								
5	GMW9-25		12:22																								
6	GMW9-28		12:25					X	X	X																	X
7	GMW9-35		1248																								
8	GMW9-31		1243																								
9	GMW9-31		1336																								
10	GMW9-43		1336																								

	Signature	Company	Date	Time
Relinquished	[signature]	Atlas	2/11/25	836
Received	[signature]	Spdy	2/11/25	836
Relinquished	[signature]	Spdy	2/11/25	1030
Received	[signature]	OSE	2/11/2025	1030
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

*PCE, TCE, cis/trans-DCE, VC, 1,1,2-TCA.

X-Added 2/12/25. DB (STA)

Data Package: Standard ☒ Level III ☐ Level IV ☐

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

Chain of Custody

OnSite Environmental Inc.
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- ☐ Same Day
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- ☐ _____ (other)

Laboratory Number: 02-109

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (SG Clean-up ☐)	Volatiles 8260	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664	% Moisture
11	GMW9-47	2/10/25	1330	Soil	5																		
12	GMW9-50	↓	1326	↓	↓																		

	Signature	Company	Date	Time
Relinquished	Van	Atlas	2/11/25	0834
Received		Spdy	2/11/25	0838
Relinquished	Van	Spdy	2/11/25	1030
Received	Stefan Prell	OSE	2/11/2025	1030
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Data Package: Standard ☐ Level III ☐ Level IV ☐

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

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

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

Date of Report: February 24, 2025
Samples Submitted: February 14, 2025
Laboratory Reference: 2502-176
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.

Date of Report: February 24, 2025
Samples Submitted: February 14, 2025
Laboratory Reference: 2502-176
Project: 02-0266-A

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date 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*				

Date of Report: February 24, 2025
Samples Submitted: February 14, 2025
Laboratory Reference: 2502-176
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:	MB0218W1					
Gasoline	**ND**	100	NWTPH-Gx	2-18-25	2-18-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*84*	*61-122*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	02-182-01										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*91*	*81*	*61-122*			

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

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date 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*				
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					
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	*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)

Analyte	Result	PQL	Method	Date Prepared	Date 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*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	SB0218W1										
	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

Analyte	Result	PQL	Method	Date Prepared	Date 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**					
Laboratory ID:	02-176-02					
Vinyl Chloride	ND	4.0	EPA 8260D	2-19-25	2-19-25	
(trans) 1,2-Dichloroethene	ND	4.0	EPA 8260D	2-19-25	2-19-25	
(cis) 1,2-Dichloroethene	ND	4.0	EPA 8260D	2-19-25	2-19-25	
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*				

Date of Report: February 24, 2025
Samples Submitted: February 14, 2025
Laboratory Reference: 2502-176
Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date 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*				

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0219W1									
	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*			

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

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

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

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

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

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

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

I - Compound recovery is outside of the control limits.

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

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

L - The RPD is outside of the control limits.

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

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

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

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

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

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

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

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

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

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

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

Chain of Custody

Page 1 of 1

OnSite Environmental Inc.
Analytical Laboratory Testing Services
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Phone: (425) 883-3881 • www.onsite-env.com

Laboratory Number: 02-176

Company: Atlas Geosciences NW
Project Number: 02-0266-A
Project Name: Bellevue Way Cleaners
Project Manager: Megan Paysnick, Liz Rachman
Sampled by: RAM/MVE

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

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260D	Halogenated Volatiles 8260D	EDB EPA 8011 (Waters Only)	Semivolatiles 8270E/SIM (with low-level PAHs)	PAHs 8270E/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270E/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	RCE/TCE/DCE/VC/1,1,2-TCA				% Moisture
1	GMW1	2/13/25	1258	GW	7			X	X														X				
2	GMW3	2/13/25	1407	GW	7			X	X														X				
3	GMW9	2/13/25	1142	GW	7			X	X														X				

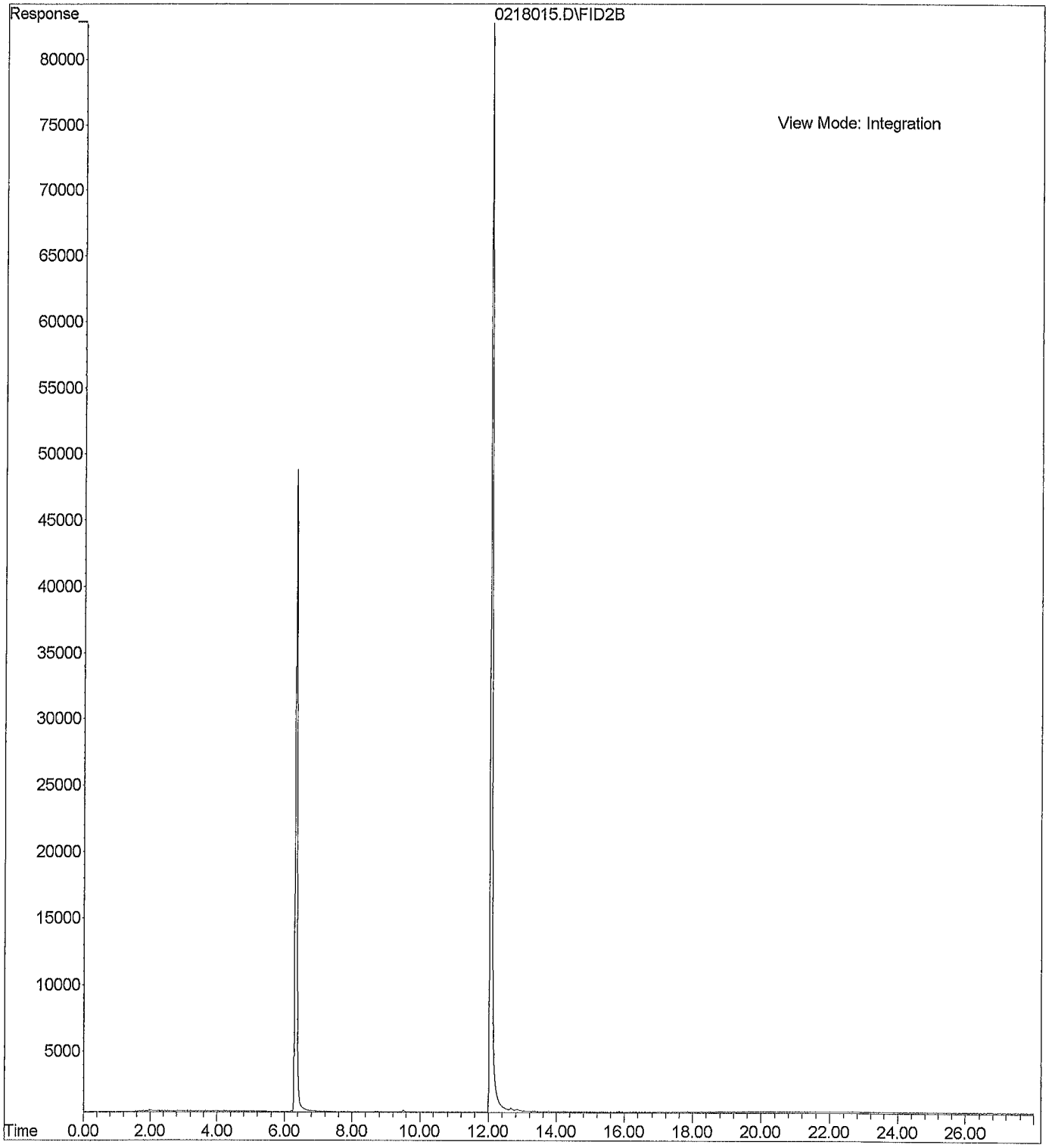
	Signature	Company	Date	Time
Relinquished		Atlas Geosciences NW	2/14/25	835
Received	Van		2/14/25	0835
Relinquished	Van		2/14/25	1200
Received			2/14/25	1200
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

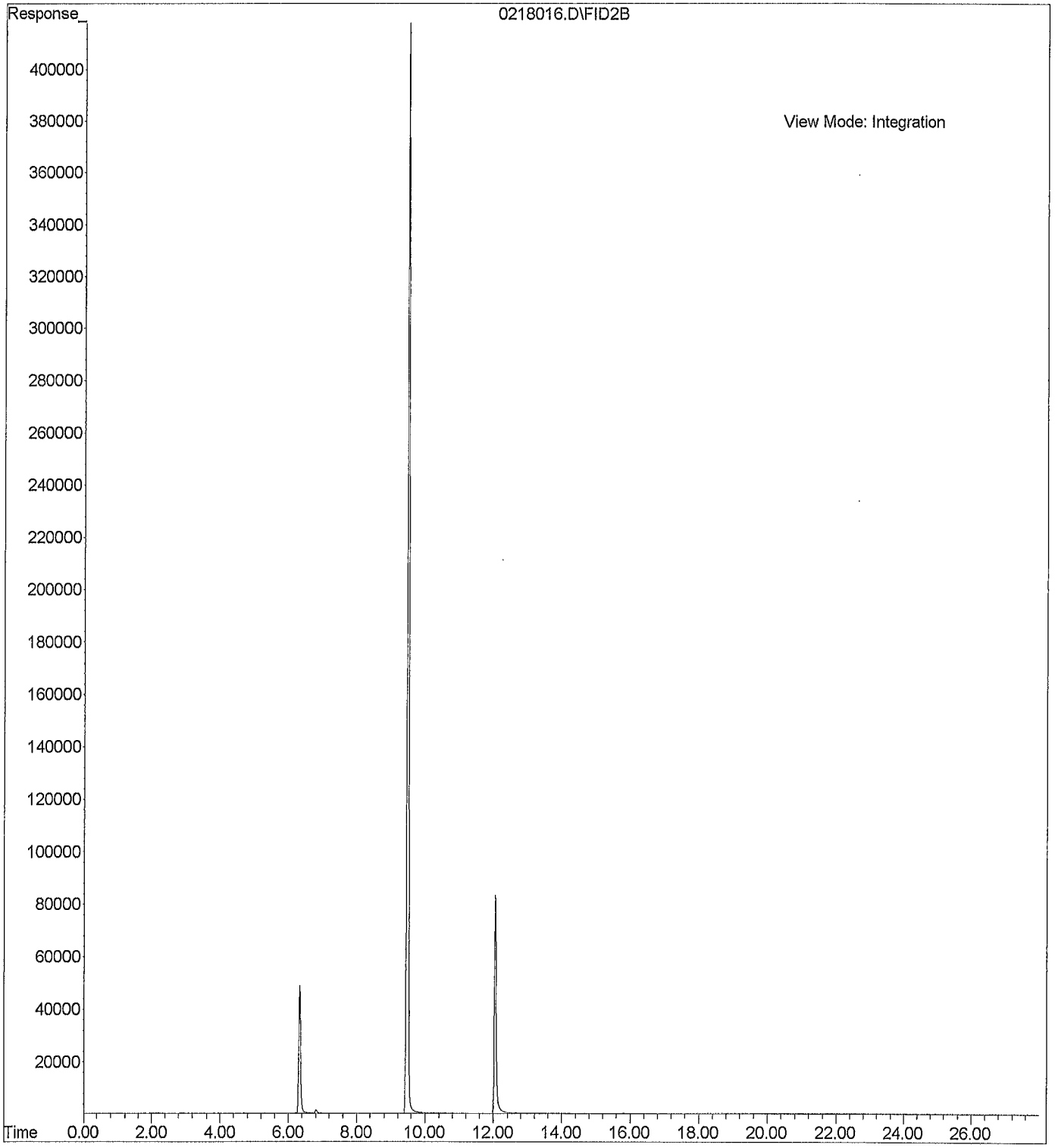
Data Package: Standard ☒ Level III ☐ Level IV ☐

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

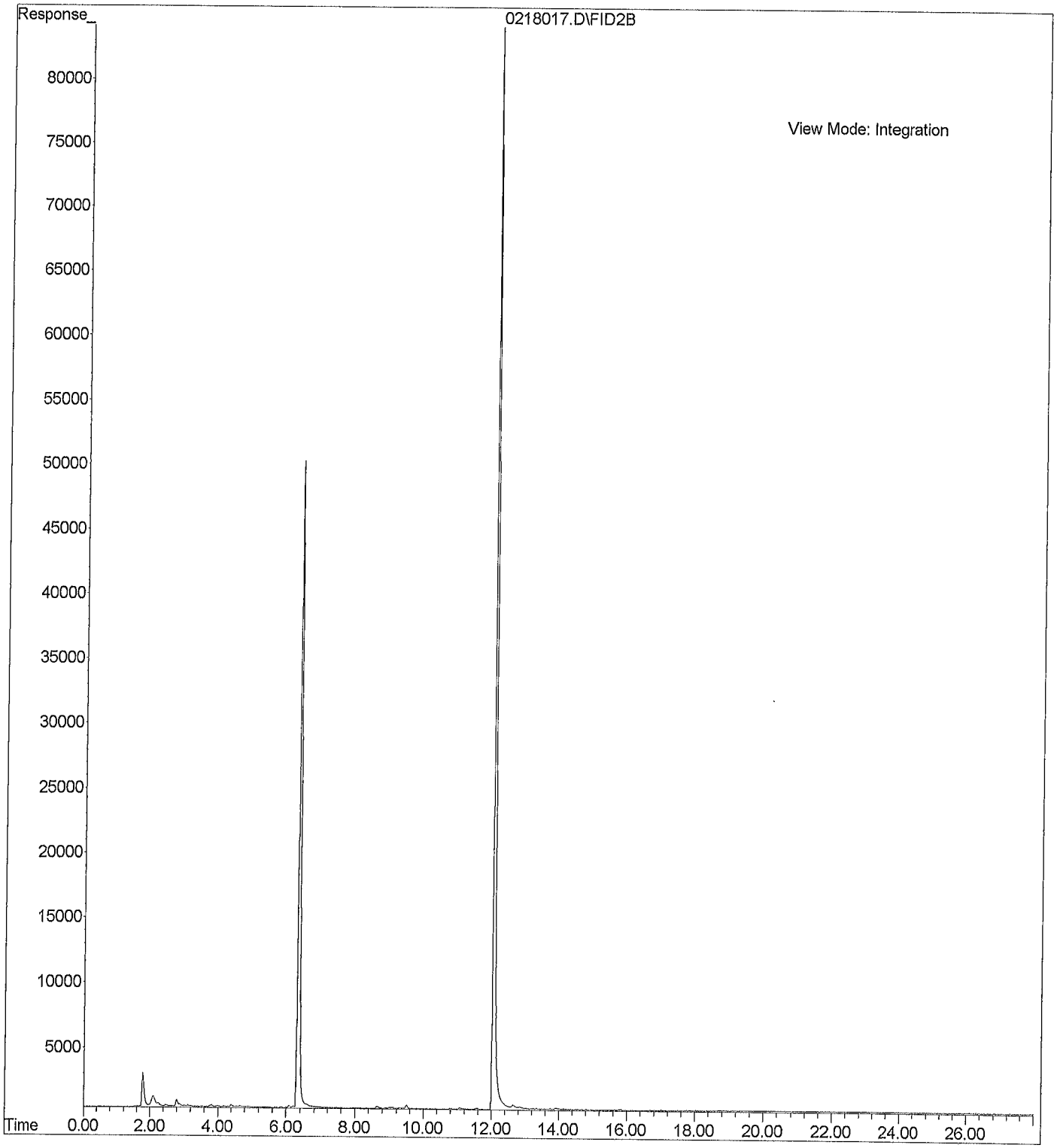
File : X:\BTEX\HOPE\DATA\H250218\0218015.D
Operator :
Acquired : 18 Feb 2025 18:36 using AcqMethod 241227BH.M
Instrument : Hope
Sample Name: 02-176-01d
Misc Info :
Vial Number: 15



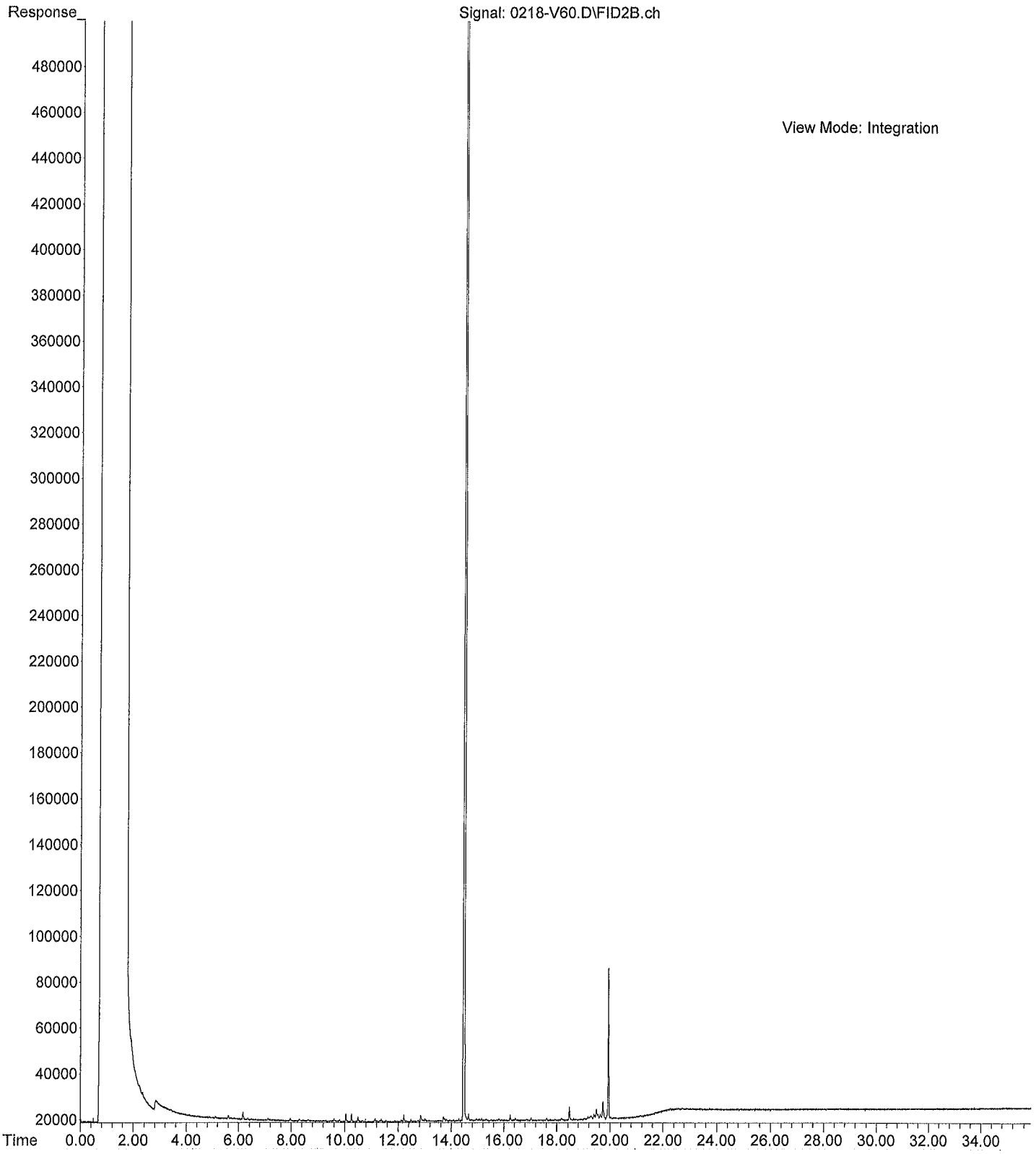
File : X:\BTEX\HOPE\DATA\H250218\0218016.D
Operator :
Acquired : 18 Feb 2025 19:06 using AcqMethod 241227BH.M
Instrument : Hope
Sample Name: 02-176-02d
Misc Info :
Vial Number: 16



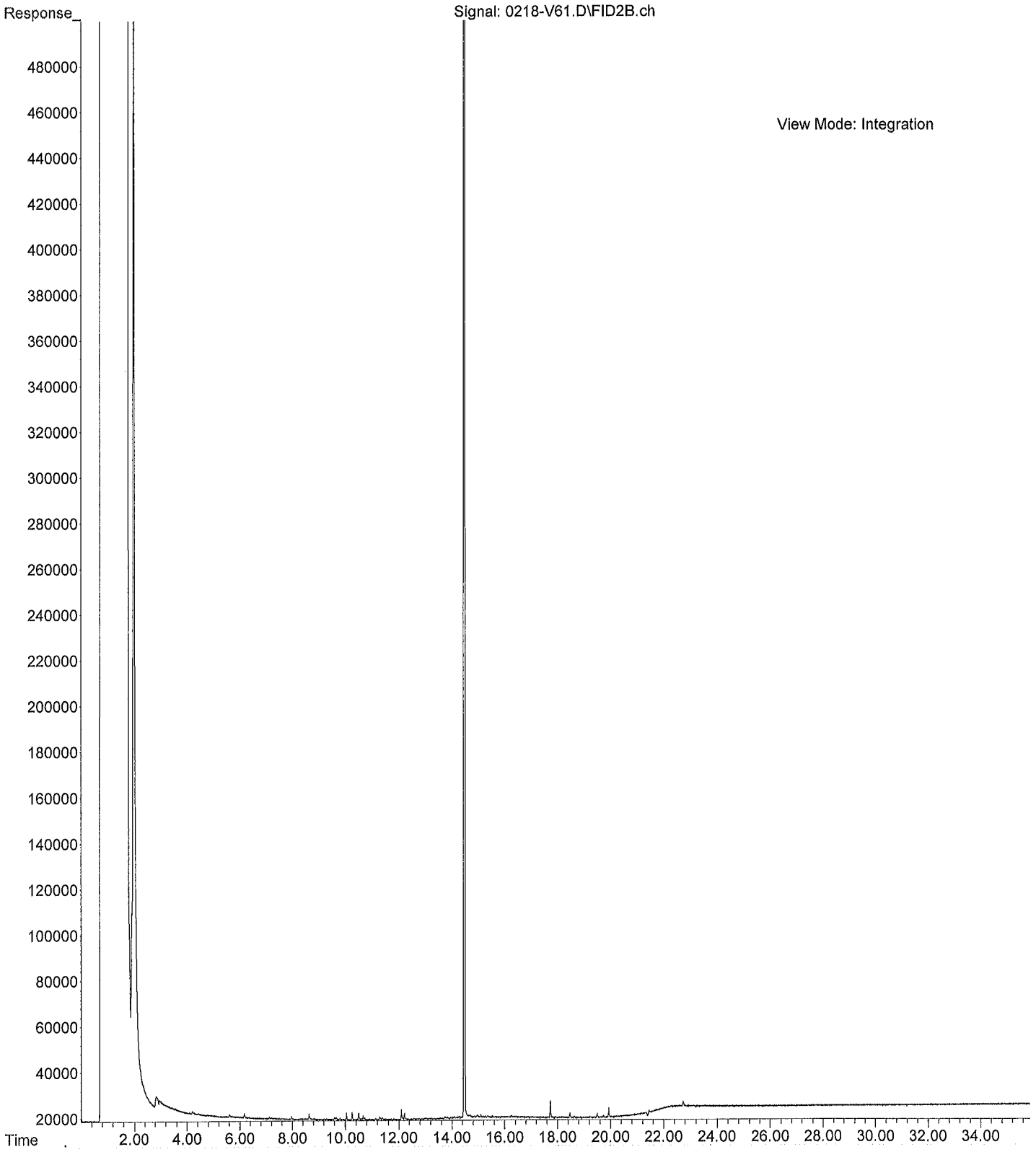
File : X:\BTEX\HOPE\DATA\H250218\0218017.D
Operator :
Acquired : 18 Feb 2025 19:36 using AcqMethod 241227BH.M
Instrument : Hope
Sample Name: 02-176-03d
Misc Info :
Vial Number: 17



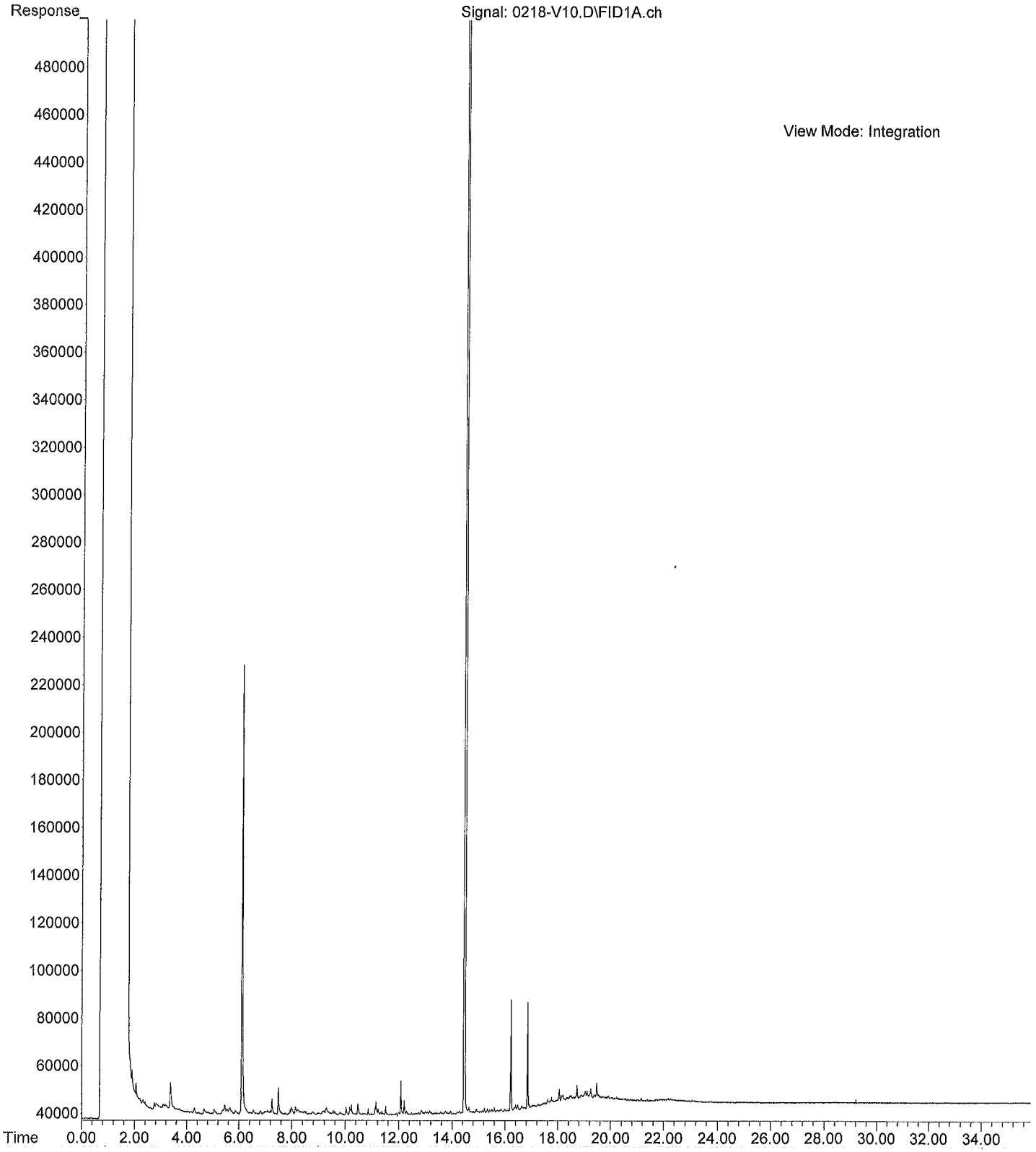
File :X:\DIESELS\Vigo\Data\V250218.SEC\0218-V60.D
Operator : LW
Acquired : 18 Feb 2025 15:32 using AcqMethod V241115F.M
Instrument : Vigo
Sample Name: 02-176-01
Misc Info : RearSamp
Vial Number: 60



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



OnSite Environmental Inc.
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. 2411-259

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

Date of Report: December 4, 2024
Samples Submitted: November 19, 2024
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.

Date of Report: December 4, 2024
Samples Submitted: November 19, 2024
Laboratory Reference: 2411-259
Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date 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*				

Date of Report: December 4, 2024
Samples Submitted: November 19, 2024
Laboratory Reference: 2411-259
Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date 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*				

Date of Report: December 4, 2024
Samples Submitted: November 19, 2024
Laboratory Reference: 2411-259
Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date 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*				

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1127S1									
	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*			

Date of Report: December 4, 2024
Samples Submitted: November 19, 2024
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

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

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

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

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

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

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

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

I - Compound recovery is outside of the control limits.

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

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

L - The RPD is outside of the control limits.

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

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

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

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

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

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

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

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

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

Z -

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

Chain of Custody

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

Company: Atlas Geosciences NW
Project Number: 02-02606-A
Project Name: Bellevue Way
Project Manager: Megan Poysnick / Liz Rachman
Sampled by: BLQ

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

Laboratory Number: 11-259

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (SG Clean-up☐)	Volatiles 8260	Halogenated Volatiles 8260 (*)	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664					% Moisture
1	GMW4-5	11/18/24	1128	Soil	5																						
2	GMW4-6		1139		5																						
3	GMW4-7		1142		5																						
4	GMW4-9		1145		5																						
5	GMW4-10		1148		5																						
6	GMW4-15		1154		5																						
7	GMW4-20		1157		5																						
8	GMW4-25		1205		5						X																X
9	GMW4-30		1208		5																						
10	GMW4-35		1227		5																						

	Signature	Company	Date	Time
Relinquished	[signature]	Atlas Geo	11/19/24	0852
Received	Van	Spdy	11/19/24	0852
Relinquished	Van	Spdy	11/19/24	1040
Received	[signature]	OSE	11/19/24	1040
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Megan: mpoysnick@atlasgeonw.com

(*) DCE, TCE, cis, trans-DCE, VC, 1,2 DCA

(X) Added 11/20/24 BLQ STA

Data Package: Standard ☑ Level III ☐ Level IV ☐

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

Chain of Custody

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

Company: Atlas Geosciences NW
Project Number: 02-02666-A
Project Name: Bellevue Way
Project Manager: Megan Poysnick/Liz Rachman
Sampled by: BKQ

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

Laboratory Number: 11-259

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (SG Clean-up☐)	Volatiles 8260	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664					% Moisture
11	GMW4-40	11/18/24	1231	Soil	5																						
12	GMW4-45		1239		5																						
13	GMW4-50		1301		5						X																X
14	GMW5-5		1530		5																						
15	GMW5-6		1541		5						X																X
16	GMW5-9		1546		5																						
17	GMW5-10		1548		5																						
18	GMW5-15		1554		5																						
19	GMW5-20		1558		5																						
20	GMW5-21	↓	1604	↓	5																						

	Signature	Company	Date	Time
Relinquished	Hannah Ar	Atlas Geo	11/19/24	0852
Received	Van	Spdx	11/19/24	0852
Relinquished	Van	Spdx	11/19/24	1040
Received	Nichelle Bjelli	OSE	11/19/24	1040
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Data Package: Standard ☐ Level III ☐ Level IV ☐

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

OnSite Environmental Inc.

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

Chain of Custody

Company: Atlas Geosciences NW
Project Number: 02-02666-A
Project Name: Bellevue Way
Project Manager: Megan Poysnick / Liz Rachman
Sampled by: BKQ

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☐ Standard (7 Days)
☐ ________ (other)

Laboratory Number: 11-259

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260D	Halogenated Volatiles 8260D (*)	EDB EPA 8011 (Waters Only)	Semivolatiles 8270E/SIM (with low-level PAHs)	PAHs 8270E/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270E/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A					% Moisture
21	GMW5-25	11/18/24	1608	Soil	5																						
22	GMW5-30	↓	1612	↓	5						(X)																(X)
23	GMW5-35	↓	1621	↓	5																						
24	GMW5-37	↓	1629	↓	5																						
25	GMW5-40	↓	1625	↓	5																						
26	GMW5-45	↓	1635	↓	5																						
27	GMW5-50	↓	1639	↓	5						(X)																(X)

	Signature	Company	Date	Time
Relinquished	[signature]	Atlas Geo	11/19/24	0852
Received	Van	Speedy	11/19/24	0852
Relinquished	Van	Speedy	11/19/24	1040
Received	Nichelle Bjorkman	OSE	11/29/24	1040
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
Megan Poysnick - mpoysnick@atlasgeonw.com

Data Package: Standard ☒ Level III ☐ Level IV ☐

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

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

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

Date of Report: November 26, 2024
Samples Submitted: November 19, 2024
Laboratory Reference: 2411-260
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.

Date of Report: November 26, 2024
Samples Submitted: November 19, 2024
Laboratory Reference: 2411-260
Project: 02-0266-C

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

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date 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*				

Date of Report: November 26, 2024
Samples Submitted: November 19, 2024
Laboratory Reference: 2411-260
Project: 02-0266-C

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

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date 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*				

Date of Report: November 26, 2024
Samples Submitted: November 19, 2024
Laboratory Reference: 2411-260
Project: 02-0266-C

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

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date 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*				
Fluorobenzene	*100*	*62-134*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	11-260-02										
	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											
Laboratory ID:	SB1126S1										
	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:											
Fluorobenzene						*91*	*97*	*62-134*			

Date of Report: November 26, 2024
Samples Submitted: November 19, 2024
Laboratory Reference: 2411-260
Project: 02-0266-C

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:	**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*				

Date of Report: November 26, 2024
Samples Submitted: November 19, 2024
Laboratory Reference: 2411-260
Project: 02-0266-C

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:	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*				

Analyte	Result		Spike Level		Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	11-260-02									
	ORIG	DUP								
Diesel Range	**ND**	**ND**	NA	NA		NA	NA	NA	40	
Lube Oil Range	**ND**	**ND**	NA	NA		NA	NA	NA	40	
Surrogate:										
o-Terphenyl						*66* *69*	*50-150*			

Date of Report: November 26, 2024
Samples Submitted: November 19, 2024
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

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

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

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

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

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

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

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

I - Compound recovery is outside of the control limits.

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

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

L - The RPD is outside of the control limits.

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

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

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

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

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

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

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

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

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

Z -

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

Chain of Custody

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

Company: Atlas Geosciences NW
Project Number: 02-02626-C
Project Name: Bellevue Way
Project Manager: Megan Poysnick/Liz Rachman
Sampled by: HVS

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

Laboratory Number: 11-260

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021 ~~8260~~)	NWTPH-Gx	NWTPH-Dx (SG Clean-up ☐)	Volatiles 8260	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664					% Moisture
1	B6-0-1	11/18/24	1017	Soil	5																						
2	B6-4-5		1019		5		X		X																		X
3	B6-5-6		1035		5																						
4	B6-9-10		1030		5		X		X																		X
5	~~B6-10-12~~ B6-10-11		1043		5																						
6	B6-14-15		1045		5																						
7	B7-4-5		1100		5																						
8	B7-5-6		1105		5																						
9	B7-8-9		1110		5																						
10	B7-14-15		1125		5																						

	Signature	Company	Date	Time
Relinquished	[signature]	Atlas Geo	11/19/24	0857
Received	Van	Spdy	11/19/24	0852
Relinquished	Van	Spdy	11/19/24	1040
Received	[signature]	OSE	11/19/24	1040
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
Megan: mpoysnick@atlasgeonw.com
X - Added 11/19/24. DB (STA)

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

Chain of Custody

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

Company: Atlas Geosciences NW
Project Number: 02-02666-A
Project Name: Bellevue Way
Project Manager: Megan Boysnick / Liz Rachman
Sampled by: HVS

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

Laboratory Number: 11-260

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021 ☒ 8260 ☐)	NWTPH-Gx	NWTPH-Dx (SG Clean-up ☐)	Volatiles 8260	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664		BTEX EPA 8021			% Moisture
11	B8-4-5	11/18/24	1142	Soil	5																			X			X
12	B8-9-10		1150		5																						
13	B8-10-11		1202		5																			X			X
14	B8-12-13		1206		5																						
15	B9-4-5		1225		5																						
16	B9-5-6		1232		5																			X			X
17	B9-9-10		1235		5																						
18	B9-14-15	↓	1240	↓	5																						
	~~TB~~																										

	Signature	Company	Date	Time
Relinquished	Hannah Ape	Atlas Geo	11/19/24	0852
Received	Van	Spdy	11/19/24	0852
Relinquished	Van	Spdy	11/19/24	1040
Received	Nichelle Biffle	OSE	11/19/24	1040
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

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

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

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

Date of Report: December 2, 2024
Samples Submitted: November 19, 2024
Laboratory Reference: 2411-260B
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.

Date of Report: December 2, 2024
Samples Submitted: November 19, 2024
Laboratory Reference: 2411-260B
Project: 02-0266-C

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date 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*				

Date of Report: December 2, 2024
Samples Submitted: November 19, 2024
Laboratory Reference: 2411-260B
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	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	11-260-02										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*110*	*103*	*62-134*			

Date of Report: December 2, 2024
Samples Submitted: November 19, 2024
Laboratory Reference: 2411-260B
Project: 02-0266-C

TOTAL METALS
EPA 6010D/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date 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	

Date of Report: December 2, 2024
Samples Submitted: November 19, 2024
Laboratory Reference: 2411-260B
Project: 02-0266-C

TOTAL METALS
EPA 6010D/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	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	

Analyte	Result		Spike Level		Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	11-260-08									
	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:	10-405-21									
Mercury	**ND**	**ND**	NA	NA		NA	NA	NA	20	
MATRIX SPIKES										
Laboratory ID:	11-260-08									
	MS	MSD	MS	MSD		MS	MSD			
Arsenic	**85.4**	**84.5**	100	100	ND	**85**	**85**	75-125	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:	10-405-21									
Mercury	**0.514**	**0.518**	0.500	0.500	0.0174	**99**	**100**	80-120	1	20

Date of Report: December 2, 2024
Samples Submitted: November 19, 2024
Laboratory Reference: 2411-260B
Project: 02-0266-C

% MOISTURE

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

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

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

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

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

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

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

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

I - Compound recovery is outside of the control limits.

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

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

L - The RPD is outside of the control limits.

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

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

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

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

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

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

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

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

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

Z -

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

Chain of Custody

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

Company: Atlas Geosciences NW
Project Number: 02-02626-C
Project Name: Bellevue Way
Project Manager: Megan Poysnick / Liz Rachman
Sampled by: HVS

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

Laboratory Number: 11-260

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021 ☒ / 8260 ☐)	NWTPH-Gx	NWTPH-Dx (SG Clean-up ☐)	Volatiles 8260	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664	% Moisture
1	B6-0-1	11/18/24	1017	Soil	5																		
2	B6-4-5		1019		5		X		X														X
3	B6-5-6		1035		5																		
4	B6-9-10		1030		5		X		X														X
5	~~B6-10-12nd~~ B6-10-11		1043		5																		
6	B6-14-15		1045		5																		
7	B7-4-5		1100		5																		
8	B7-5-6		1105		5														(X)				(X)
9	B7-8-9		1110		5																		
10	B7-14-15		1125		5																		

	Signature	Company	Date	Time
Relinquished	[signature]	Atlas Geo	11/19/24	0857
Received	Van	Spdy	11/19/24	0852
Relinquished	Van	Spdy	11/19/24	1040
Received	[signature]	OSE	11/19/24	1040
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
Megan: mpoysnick@atlasgeonw.com
X - Added 11/19/24. DB (STA)
(X) - Added 11/27/24. DB

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

Chain of Custody

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

Company: Atlas Geosciences NW
Project Number: 02-02666-A
Project Name: Bellevue Way
Project Manager: Megan Boysnick / Liz Rachman
Sampled by: HVS

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

Laboratory Number: 11-260

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021 ☒ 8260 ☐)	NWTPH-Gx	NWTPH-Dx (SG Clean-up ☐)	Volatiles 8260	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664		BTEX EPA 8021			% Moisture
11	B8-4-5	11/18/24	1142	Soil	5																			X			X
12	B8-9-10		1150		5																						
13	B8-10-11		1202		5																			X			X
14	B8-12-13		1206		5																						
15	B9-4-5		1225		5																						
16	B9-5-6		1232		5			(X)																X			X
17	B9-9-10		1235		5																						
18	B9-14-15		1240		5																						
	~~Hold~~																										

	Signature	Company	Date	Time
Relinquished	Hannah Hpe	Atlas Geo	11/19/24	0852
Received	Van	Spdy	11/19/24	0852
Relinquished	Van	Spdy	11/19/24	1040
Received	Nichelle Zipfi	OSE	11/19/24	1040
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Data Package: Standard ☒ Level III ☐ Level IV ☐

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

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

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

Date of Report: December 4, 2024
Samples Submitted: November 20, 2024
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.

Date of Report: December 4, 2024
Samples Submitted: November 20, 2024
Laboratory Reference: 2411-284
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:	**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*				

Date of Report: December 4, 2024
Samples Submitted: November 20, 2024
Laboratory Reference: 2411-284
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		Spike Level		Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	11-284-20									
	ORIG	DUP								
Gasoline	**ND**	**ND**	NA	NA		NA	NA	NA	30	
Surrogate:										
Fluorobenzene						*90* *104*	*62-134*			

Date of Report: December 4, 2024
Samples Submitted: November 20, 2024
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*				

Date of Report: December 4, 2024
Samples Submitted: November 20, 2024
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*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	11-340-08										
	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						*81*	*75*	*50-150*			

Date of Report: December 4, 2024
Samples Submitted: November 20, 2024
Laboratory Reference: 2411-284
Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date 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*	*69-124*				
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*				

Date of Report: December 4, 2024
Samples Submitted: November 20, 2024
Laboratory Reference: 2411-284
Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date 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*				

Date of Report: December 4, 2024
Samples Submitted: November 20, 2024
Laboratory Reference: 2411-284
Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date 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	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*				

Date of Report: December 4, 2024
Samples Submitted: November 20, 2024
Laboratory Reference: 2411-284
Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL

Matrix: Soil
Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1127S1									
	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:	SB1130S1									
	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:	SB1202S1									
	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*			

Date of Report: December 4, 2024
Samples Submitted: November 20, 2024
Laboratory Reference: 2411-284
Project: 02-0266-A

% MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
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

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

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

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

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

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

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

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

I - Compound recovery is outside of the control limits.

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

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

L - The RPD is outside of the control limits.

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

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

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

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

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

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

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

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

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

Z -

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

Chain of Custody

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

Company: Atlas Geosciences NW
Project Number: 02-0266-A
Project Name: Bellevue Way Cleaners
Project Manager: Megan Paysnick
Sampled by: Brian Avery, Ruth Magaña

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

Laboratory Number: 11-284

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers
1	GMW-6-2	11/19	1032	S	5
2	GMW-6-5		1034		
3	GMW-6-6		1040		
4	GMW-6-8		1046		
5	GMW-6-9		1042		
6	GMW-6-10		1044		
7	GMW-6-15		1054		
8	GMW-6-20		1049		
9	GMW-6-25		1116		
10	GMW-6-30	↓	1104	↓	↓

	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260D	Halogenated Volatiles 8260D (#)	EDB EPA 8011 (Waters Only)	Semivolatiles 8270E/SIM (with low-level PAHs)	PAHs 8270E/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270E/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A					% Moisture
1						(X)																(X)
2–10																						

	Signature	Company	Date	Time
Relinquished	[signature] Van	Atlas	11/20/24	0829
Received	[signature] Van	Atlas	11/20/24	0829
Relinquished	[signature]	Atlas	11/20/24	1125
Received	[signature]	OSE	11/20/24	1125
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
VOCs frozen
(#) PCE, TCE, cis/trans-DCE, VC, 1,2 DCA
(X) Added 11/21/24 BEO STA

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

Chain of Custody

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

Company: Atlas Geosciences NW
Project Number: 02-0266-A
Project Name: Bellevue Way cleaners
Project Manager: Megan Poysnick
Sampled by: Brian Querry, Ruth Magaña

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

Laboratory Number: 11-284

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (SG Clean-up☐)	Volatiles 8260	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664					% Moisture
11	GMW-6-35	11/19	1142	S	5						X																X
12	GMW-6-40		1139																								
13	GMW-6-43		1207																								
14	GMW-6-45		1205																								
15	GMW-6-50		1200																								
16	GMW-6-55		1219								X																X
17	GMW-7-2		1417																								
18	GMW-7-5		1415																								
19	GMW-7-6		1411																								
20	GMW-7-7	↓	1409	↓	↓			X	X		X																X

	Signature	Company	Date	Time
Relinquished	[signature]	Atlas	11/20/24	0829
Received	[signature]	[signature]	11/20/24	0829
Relinquished	[signature]	[signature]	11/20/24	1125
Received	[signature]	OSE	11/20/24	1125
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
VOAs frozen
X TCE, TCE, cis/trans DCE, VC, 1,2 DCA

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

Chain of Custody

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

Company: Atlas Geosciences NW
Project Number: 02-0266-A
Project Name: Bellevue Way Cleaners
Project Manager: Megan Paysnick
Sampled by: Brian Avery, Ruth Magaña

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

Laboratory Number: 11-284

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (SG Clean-up ☐)	Volatiles 8260	Halogenated Volatiles 8260 (X)	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664					% Moisture
21	GMW-7-9	11/19	1407	S	5																						
22	GMW-7-10		1405																								
23	GMW-7-11		1435																								
24	GMW-7-15		1433																								
25	GMW-7-20		1428																								
26	GMW-7-22		1448								X																X
27	GMW-7-25		1446																								
28	GMW-7-30		1441																								
29	GMW-7-35		1510																								
30	GMW-7-36		1512																								

	Signature	Company	Date	Time
Relinquished	[signature] Van	Atlas	11/20/24	0829
Received	[signature] Van	[signature]	11/20/24	0830
Relinquished		[signature]	11/20/24	1125
Received	[signature] Dan Prell	OSE	11/20/24	1125
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
VOAs frozen

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

Chain of Custody

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

Company: Atlas GeoSciences NW
Project Number: 02-0266-A
Project Name: Bellevue Way Cleaners
Project Manager: Megan Poysnick
Sampled by: Brian Querry, Ruth Nagata

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

Laboratory Number: 11-284

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (SG Clean-up☐)	Volatiles 8260	Halogenated Volatiles 8260 (X)	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664					% Moisture
31	GMW-7-40	11/19	1505	S	5																						
32	GMW-7-45		1535																								
33	GMW-7-50		1524								X																X

	Signature	Company	Date	Time
Relinquished	[signature]	Atlas	11/20/24	0824
Received	[signature]	Spdy	11/20/24	0829
Relinquished	[signature]	Spdy	11/20/24	1125
Received	[signature]	OSE	11/20/24	1125
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
VOAs frozen

Data Package: Standard ☐ Level III ☐ Level IV ☐

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

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

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

Date of Report: December 4, 2024
Samples Submitted: November 21, 2024
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.

Date of Report: December 4, 2024
Samples Submitted: November 21, 2024
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*				

Date of Report: December 4, 2024
Samples Submitted: November 21, 2024
Laboratory Reference: 2411-303
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		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	11-284-20										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*90*	*104*	*62-134*			

Date of Report: December 4, 2024
Samples Submitted: November 21, 2024
Laboratory Reference: 2411-303
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:	**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*				

Date of Report: December 4, 2024
Samples Submitted: November 21, 2024
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	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	12-005-01										
	ORIG	DUP									
Diesel Range	**ND**	**ND**	NA	NA		NA		NA	NA	40	
Lube Oil	**102**	**56.7**	NA	NA		NA		NA	57	40	L
Surrogate:											
o-Terphenyl						*83*	*73*	*50-150*			

Date of Report: December 4, 2024
Samples Submitted: November 21, 2024
Laboratory Reference: 2411-303
Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date 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*				
Dibromofluoromethane	*106*	*69-124*				
Toluene-d8	*100*	*80-118*				
4-Bromofluorobenzene	*103*	*75-123*				

Date of Report: December 4, 2024
Samples Submitted: November 21, 2024
Laboratory Reference: 2411-303
Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**B11-8**					
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*				
Client ID:	**B11-55**					
Laboratory ID:	11-303-38					
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*				

Date of Report: December 4, 2024
Samples Submitted: November 21, 2024
Laboratory Reference: 2411-303
Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date 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*				

Date of Report: December 4, 2024
Samples Submitted: November 21, 2024
Laboratory Reference: 2411-303
Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL

Matrix: Soil
Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1130S1									
	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:	SB1202S1									
	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*			

Date of Report: December 4, 2024
Samples Submitted: November 21, 2024
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

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

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

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

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

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

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

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

I - Compound recovery is outside of the control limits.

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

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

L - The RPD is outside of the control limits.

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

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

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

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

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

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

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

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

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

Z -

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

Chain of Custody

Page 1 of 4

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

Company: Atlas Geosciences NW
Project Number: 02-02606-A
Project Name: Bellevue Way
Project Manager: Megan Poysnick/Liz Rachman
Sampled by: RM

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

Laboratory Number: 11-303

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260D	Halogenated Volatiles 8260D	EDB EPA 8011 (Waters Only)	Semivolatiles 8270E/SIM (with low-level PAHs)	PAHs 8270E/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270E/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A					% Moisture
1	GMW8-5	11/20/24	835	Soil	5																						
2	GMW8-10		842		5																						
3	GMW8-1		845		5						X																X
4	GMW8-19		852		5																						
5	GMW8-15		903		5																						
6	GMW8-13		900		5																						
7	GMW8-16		906		5																						
8	GMW8-22		907		5						X																X
9	GMW8-30		~~919~~ 911		5																						
10	GMW8-28		924		5																						

	Signature	Company	Date	Time
Relinquished		Atlas	11/21/24	1208
Received		Alpha/Speedy	11/21/24	12:12
Relinquished		" / "	11/21/24	2:33
Received		OSE	11/22/24	1435
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
Voas frozen
X PCE, TCE, cis/Trans DCE, VC, 1,2 DCA
X Added 11/22/24 BCP STA

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

Chain of Custody

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

Company: Atlas Geosciences NW
Project Number: 02-0266-A
Project Name: Bellevue Way
Project Manager: Megan Reysnick/Liz Rachman
Sampled by: RM

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

Laboratory Number: 11-303

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (SG Clean-up☐)	Volatiles 8260	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664					% Moisture
11	GMW8-25	11/20/24	920	Soil	5																						
12	GMW8-38		0949		5																						
13	GMW8-40		0945		5																						
14	GMW8-35		1003		5																						
15	GMW8-31		1007		5																						
16	GMW8-50		1010		5																						
17	GMW8-45		1012		5																						
18	GMW8-43		1014		5																						
19	GMW8-55		1029		5																						
20	GMW8-56		1058		5																						

	Signature	Company	Date	Time
Relinquished		Atlas	11/21/24	1208
Received		Alpha/Speedy	11/21/24	12:12
Relinquished		" "	11/21/24	2:35
Received		OSE	11/21/24	1435
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
VOAs frozen

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

OnSite Environmental Inc.
Analytical Laboratory Testing Services
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Phone: (425) 883-3881 • www.onsite-env.com

Chain of Custody

Company: Atlas Geosciences NW
Project Number: 02-0266-A
Project Name: Bellevue Way
Project Manager: Megan Pysnick / Liz Rochman
Sampled by: RM

Turnaround Request (in working days) (Check One)
- [ ] Same Day
- [ ] 1 Day
- [ ] 2 Days
- [ ] 3 Days
- [x] Standard (7 Days)
- [ ] ______ (other)

Laboratory Number: 11-303

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (SG Clean-up☐)	Volatiles 8260	Halogenated Volatiles ~~8260~~ (X)	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664	% Moisture
21	GMW8-60	11/20/24	1056	Soil	5						(X)												(X)
22	B#11 ~~GMW9~~-4	↓	1219	↓	5																		
23	B#11 ~~GMW9~~-5		1220		5																		
24	B#11 ~~GMW9~~-6		1241		5																		
25	B#11 ~~GMW9~~-8		1222		5			(X)	(X)		(X)												(X)
26	B#11 ~~GMW9~~-9		1228		5																		
27	B#11 ~~GMW9~~-12		1231		5																		
28	B#11 ~~GMW9~~-15		1233		5																		
29	B#11 ~~GMW9~~-16		1239		5																		
30	B11 ~~GMW9~~-20	↓	1236	↓	5																		

	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished	[signature]	Atlas	11/21/24	1208	VOAs frozen
Received	[signature]	Alpha/Speedy	11/21/24	12:12	
Relinquished	[signature]	" "	11/21/24	2:35	
Received	[signature]	OSE	11/21/24	1435	
Relinquished					
Received					Data Package: Standard ☒ Level III ☐ Level IV ☐
Reviewed/Date		Reviewed/Date			Chromatograms with final report ☒ Electronic Data Deliverables (EDDs) ☒

Chain of Custody

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

Company: Atlas Geosciences (WA)
Project Number: 02-02064-A
Project Name: Bellevue Way
Project Manager: Megan Poysnick / Liz Rachman
Sampled by: RM

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

Laboratory Number: 11-303

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers
31	B11 GMW9-25	11/20/24	1250	Soil	5
32	B11 GMW9-30		1251		5
33	B11 GMW9-32		1303		5
34	B11 GMW9-37		1301		5
35	B11 GMW9-45		1329		5
36	B11 GMW9-50		1331		5
37	B11 GMW9-51		1358		5
38	B11 GMW9-55		1411		5

Lab ID	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (SG Clean-up☐)	Volatiles 8260	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664	% Moisture
31						X												X
32																		
33																		
34																		
35																		
36																		
37																		
38						X												X

	Signature	Company	Date	Time
Relinquished		Atlas	11/21/24	1208
Received		IA/Na/Speedy	11/21/24	2:12
Relinquished		" "	11/21/24	2:33
Received		OTE	11/21/24	1435
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
voa frozen

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

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

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.

Date of Report: December 5, 2024
Samples Submitted: November 22, 2024
Laboratory Reference: 2411-323
Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date 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*				
4-Bromofluorobenzene	*94*	*78-117*				

Date of Report: December 5, 2024
Samples Submitted: November 22, 2024
Laboratory Reference: 2411-323
Project: 02-0266-A

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date 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*				

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1202W1									
	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*			

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

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

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

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

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

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

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

I - Compound recovery is outside of the control limits.

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

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

L - The RPD is outside of the control limits.

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

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

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

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

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

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

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

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

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

Z -

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

Chain of Custody

Page 1 of 1

OnSite Environmental Inc.
Analytical Laboratory Testing Services
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Phone: (425) 883-3881 • www.onsite-env.com

Laboratory Number: 11-323

Company: Atlas Geosciences NW
Project Number: 02-0266-A
Project Name: Bellevue Way Cleaners
Project Manager: Megan Poysnick, Liz Rachman
Sampled by: Ruth Magnuson

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

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (SG Clean-up☐)	Volatiles 8260	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664	% Moisture
1	~~GMW9~~ B11	11/21	8:10	water	4						(X)												

	Signature	Company	Date	Time
Relinquished	[signature]	Atlas	11/22/24	2:30
Received	[signature]	AcPtA	11/22/24	2:30
Relinquished	[signature]	AcPtA	11/22/24	3:52
Received		OSE	11/22/24	1552
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
(X) PCE, TCE, cis/trans DCE, VC, 1,2 DCA

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