



# INITIAL SITE INVESTIGATION REPORT – OLYMPIC PIPELINE GASOLINE SPILL CONWAY, WASHINGTON

Submitted to:

**Remediation Management Services Company**

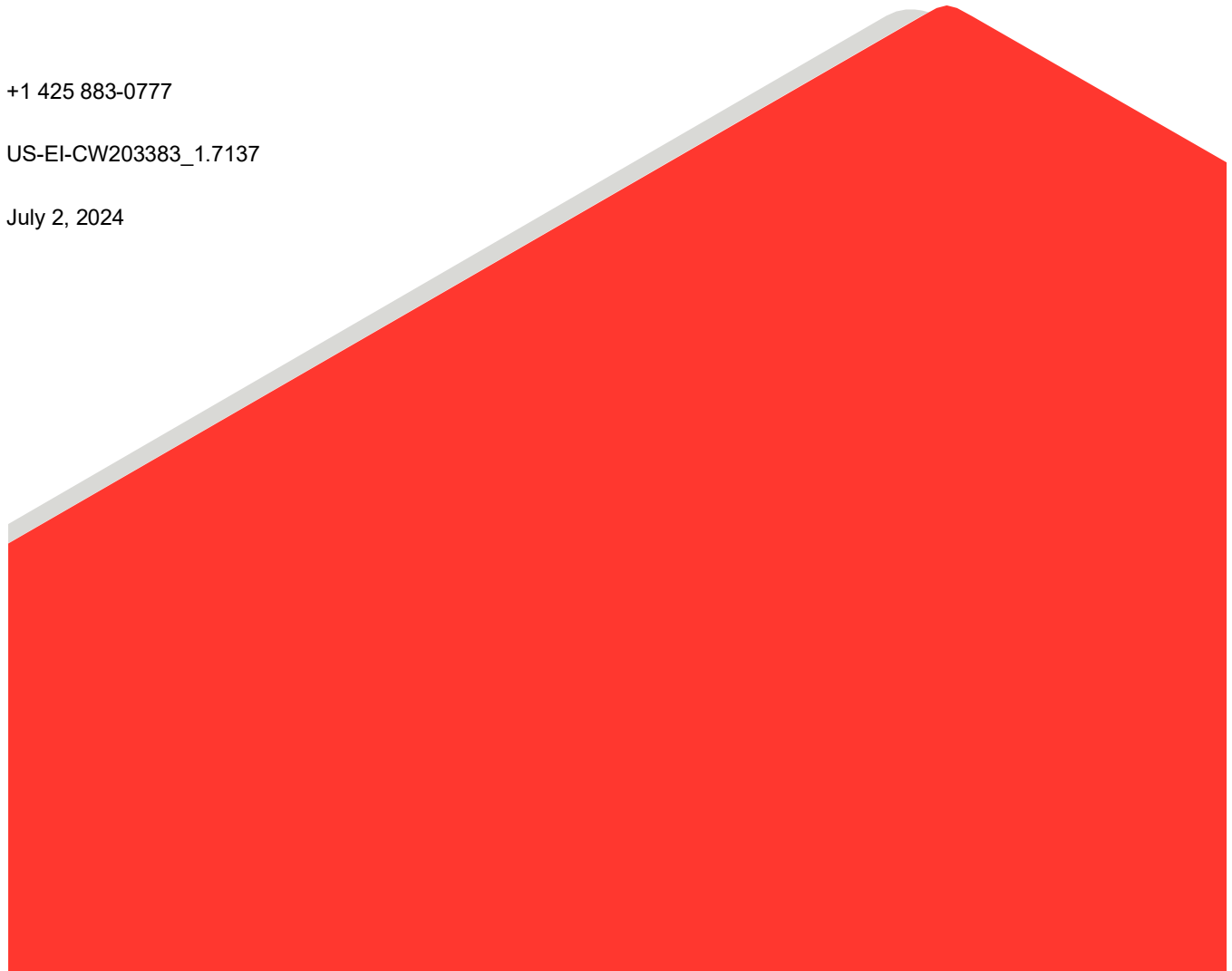
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## ACRONYMS AND ABBREVIATIONS

|       |                                               |
|-------|-----------------------------------------------|
| COC   | Constituent of Concern                        |
| CUL   | Cleanup level                                 |
| DPT   | Direct Push Technology                        |
| DRO   | Diesel Range Organics                         |
| EDD   | electronic data deliverable                   |
| EPA   | United States Environmental Protection Agency |
| GRO   | Gasoline Range Organics                       |
| HASP  | Health and Safety Plan                        |
| MDL   | method detection limit                        |
| mg/kg | milligram per kilogram                        |
| MTCA  | Model Toxics Control Act                      |
| PID   | Photo Ionization Detector                     |
| QA/QC | quality assurance and quality control         |
| RRO   | Residual Range Organics                       |
| SAP   | Sampling and analysis plan                    |
| TPH   | Total petroleum hydrocarbons                  |
| WSP   | WSP USA Inc.                                  |

## 1.0 INTRODUCTION

WSP USA Inc. (WSP) prepared this Initial Site Investigation Report on behalf of the Remediation Management Services Company. This report summarizes previous work at the Olympic Pipeline Gasoline Spill, Conway, Washington (Site) on the north side of SR 534 (near Mt. Vernon), east of I-5 (Figure 1), presents the results from the soil sampling conducted by WSP, and proposes additional groundwater monitoring work.

### 1.1 Incident Summary

On December 10, 2023, a release of gasoline occurred from Olympic Pipe Line Company's MP 46 petroleum valve site located at 19651 SR 534 in Conway, Washington. Petroleum mixed with water in the vault beneath the valve and migrated by overland flow and through shallow soil overlying a clay layer across a fallow farm field, through a forested riparian area, and to Hill Ditch (see Figure 1), which is a free-flowing channelized stream. Emergency spill response work was conducted to remove free product that collected in the subsurface and gasoline-impacted soil that continued to discharge petroleum product to Hill Ditch, as well as remediate any impacted soil/sediment in the banks. Several phases of response excavations were performed as part of the initial spill response activities. The preliminary findings were utilized to guide the WSP investigation described in this report and the preliminary figure and data table are provided as Appendix A. The final spill response activities and results will be summarized in a separate report provided by Olympic Pipe Line Company.

### 1.2 Purpose and Scope of Work

The purpose of this site investigation was to determine the nature and extent of the constituents of concern (COCs) in soil following release response excavation activities so that future remediation actions can be evaluated. The following COCs were identified during the emergency response phase of this cleanup:

- Benzene, toluene, ethylbenzene and xylene (BTEX),
- Total petroleum hydrocarbons (TPH) – Diesel Range Organics (DRO),
- TPH – Residual Range Organics (RRO), and
- TPH – Gasoline Range Organics (GRO).

Based on spill response work summarized in Section 1.1, the scope of work for this investigation identified the following activities:

1. Collect soil samples from the excavated area B10 (Figure 2) where COC concentrations were observed above the Model Toxics Control Act (MTCA) Method A Cleanup Levels (CUL).
2. Collect soil samples to characterize the post-response excavation extent of vertical impacts at the Site and nearby areas where full cleanup was not achieved.

Additional description of field methodology to implement the scope of work is discussed in Section 3.0. Results from the WSP field investigation are discussed in Section 4.0.

## 2.0 SITE BACKGROUND

The Site is located in Conway in Skagit County, Washington. The Site is comprised of one Skagit County parcel totaling 9.9880 acres. The Skagit County tax assessor lists Parcel ID numbers as P16711. The Site address is 19651 State Route 534. The Site location is shown in Figure 1.

### 2.1 Geology

Shallow site geology consists of fill material to a depth of 2.0 to 5.0 feet below ground surface (bgs) underlain by the thin well-graded sandy gravel unit to a depth of 3.0 to 8.0 feet bgs. The sandy gravel unit was observed to be dry to moist at the time of drilling. Underneath the sandy gravel unit, clay was observed to a depth of 25 to 30 feet bgs. The clay was observed to be moist and of variable coloring from grey, blue, and brown hues. A saturated silty gravel to sandy gravel unit was encountered at depth and appeared to be artesian in nature based on the geotechnical borings performed by Geoengineers Inc. Three geotechnical borings were advanced by Geoengineers Inc., one in the western corner of the Site, one slightly southwest of the Site (GT-3), and one east of the Olympic Pipe Line System Centerlines (GT-2) as shown in Figure 2. These borings show presence of a glacial outwash unit ranging from 2.0 to 3.0-foot thickness that underlies the clay unit. The glacial outwash unit comprises of silty gravel and sand unit. The glacial outwash unit is followed by a dense and wet silty fine sand unit to the depth of at least approximately 38.0 feet bgs. Groundwater was observed to have risen to or above ground surface in the auger at the completion of these borings.

Soil boring logs are presented in Appendix B.

## 3.0 FIELD INVESTIGATION

WSP completed the site investigation in two components: 1) confirmation soil sample collection from the excavation from grid B-10, and 2) Direct push soil borings at twelve locations. Table 1 and Figure 2 show the soil sampling locations for both components. Soil samples were collected and analyzed following the methodology presented in the sections below. All soil samples were packed in a sample cooler with ice and a complete chain of custody. Samples were shipped to Pace Analytical National in Mt. Juliet, Tennessee to be analyzed for BTEX, DRO, RRO, and GRO.

It should be noted that Antea Group (Antea) oversaw the excavation of the upper release area (labeled as A-1) prior to WSP's work at the site. A report detailing Antea's over-excavation sampling is presented in Appendix C.

### 3.1 Soil Sampling at Excavation Grid B10

Prior to this site investigation, as a part of the initial site emergency spill response, the area with potential impact was divided into divisions A0 through A4 containing grids A1 through E10 (CTEH 2024). CTEH, the consultant involved in the emergency response phase of this project, collected soil samples from excavations within the grids. The excavations were backfilled following sampling. During this initial soil sampling, grid B10 was observed to contain COCs above the MTCA Method A CULs and was located outside of the primary excavation area, therefore WSP mobilized on April 2, 2024, to oversee the excavation of this specific location and collected additional confirmation samples from grid B10.

Soil samples were collected as grab samples from five different locations within the excavated grid, one from the center floor of the excavation and one sample each from north, south, east and west walls of the excavation pit. The soil samples were collected as a grab sample from the excavation bucket. Soil samples were collected from the following locations and depths:

| Sample Location | Sample Depth  | PID Readings (PPM) |
|-----------------|---------------|--------------------|
| Center floor    | 3.0 Feet bgs  | 0.0                |
| North           | 34 inches bgs | 0.0                |
| South           | 33 inches bgs | 0.0                |
| East            | 30 inches bgs | 0.0                |
| West            | 28 inches bgs | 0.0                |

Notes:

Bgs: Below ground surface

PPM: Part per million

Results for these confirmation soil samples are discussed in Section 4.2.

## 3.2 Direct Push Soil Sampling

As a part of the emergency response and spill cleanup, the initial site excavation focused on areas A-2 and A-3. Each area was subdivided into a 20-foot by 20-foot grid which was used for compliance sampling by Antea Group. Soil samples were collected from excavation within each grid by Antea Group as described in the A2-A3 Excavation Addendum (CTEH 2024). Following this soil sampling, soil sample locations were identified by WSP to examine the nature and vertical extent of residual COCs. Figure 2 shows the preliminary results from the initial excavation which was utilized for the selection of the direct push soil boring locations.

WSP conducted direct push soil sampling from April 11 through 12, 2024 during which 12 locations (WSP-B-1 through WSP-B-12) were sampled. Soil sample locations are located in Figure 2 and soil boring logs are presented in Appendix B.

Direct push soil samples were collected from 12 soil sampling locations from the depths of the highest PID (below the excavation bottom), the first lowest PID (from approximately 6 to 12 feet), and the bottom of the boring (15 feet) in the clay unit where the lowest PID readings were detected, with the exception of WSP-B-1 where the deepest sample was collected at 8 feet (based on consecutive low PID readings). Duplicate samples were also collected for every 10 samples.

Soil samples were collected using a Direct Push Technology (DPT) drill rig. Soil samples were collected from 5-foot long acetate liners by cutting the liners at the desired sampling interval and transferring the soil to an appropriate laboratory-provided container. Sample containers were filled, sealed, labeled, and prepared for transport to the laboratory. Sufficient sample volume was collected from each location to satisfy laboratory analytical requirements. Location and depth of sample were recorded in the field book, the bore log form, and defined in the sample nomenclature.

All reusable sampling equipment was decontaminated between boring locations. The soil and water produced through this decontamination process were containerized and labeled for disposal as investigation-derived waste (IDW). Following sampling, each boring was backfilled with hydrated bentonite to surface level. All drums were taken offsite by Clean Harbors Environmental Services for disposal.

## 4.0 ANALYTICAL RESULTS AND DISCUSSION

This section presents and discusses the results of the soil sampling event. Soil analytical results for the April 2, 2024 excavation and April 11 through 12, 2024 direct push soil sampling are presented in Tables 2 and 3.

### 4.1 Laboratory Data Quality

Data quality control was performed internally by the contract laboratories according to their quality assurance programs. The laboratory results are provided in Appendix D.

Laboratory data reports were reviewed by WSP to verify lab Quality Assurance and Quality Control (QA/QC). All sample reporting limits are within acceptable laboratory QA/QC limits.

### 4.2 Results from Soil Sampling at Excavation Grid B10

Soil samples were collected from five locations from the excavation within grid B10. One sample was collected from the center of the excavation and one sample was collected from the north, south, east, and west walls. Soil samples were analyzed for BTEX, DRO, RRO, and GRO. Analytical results from the soil samples were compared to the MTCA Method A CULs. The analytical results are presented in Table 2 and shown in Figure 3.

BTEX, DRO, RRO, and GRO were not detected above their respective MTCA Model A CUL in any of the confirmation soil samples collected from the grid B10 excavation pit.

### 4.3 Results from Direct Push Soil Sampling

Analytical results from the soil samples collected from the direct push sampling locations were compared to the MTCA Method A CULs. The analytical results from the direct push samples are presented in Table 3. Simplified cross sections were generated to illustrate the lateral and vertical extent of COCs on site. Figure 4 shows the locations of the cross sections. Figures 5 and 6 show the cross sections of the soil borings and the analytical results.

#### 4.3.1 BTEX

Benzene was detected in at least one sample interval from all soil borings except locations B-2 and B-12. The following sample interval results were reported above the MTCA Method A CUL of 0.03 mg/kg:

- Soil Boring B-1 – Sample depth 6.0 and 8.0 feet bgs.
- Soil Boring B-3 - Sample depth 8.0 and 10.0 feet bgs.
- Soil Boring B-4 - Sample depth 10.0 feet bgs.
- Soil Boring B-5 - Sample depth 10.0 feet bgs.
- Soil Boring B-8 - Sample depth 8.0 feet bgs.

- Soil Boring B-9 - Sample depth 8.0 feet bgs, and
- Soil Boring B-11 - Sample depth 8.0 and 12.0 feet bgs.

Benzene was reported above the MTCA Method A CUL (0.03 mg/kg) for the deepest sample collected from soil boring B-1 (Figure 6). A deeper sample was not collected at this boring based on the initial low PID readings. Deeper soil samples collected at nearby locations B-3, B-4 B-5, B-8, B-9, and B-11 (discussed below) indicated the clay layer was effective at stopping vertical migration and suggest general vertical delineation of the area.

Benzene was reported below the MCTA Method A CUL in the samples collected from the deepest sample interval from B-3, B-4 B-5, B-8, B-9, and B-11, suggesting that benzene exceedances were vertically delineated to a final depth ranging from 10.0 to 15.0 feet bgs (Figure 5).

Toluene, ethylbenzene, and xylene were detected in at least one sample interval from soil boring locations WSP-B-1 through WSP-B-9 and WSP-B-11. None of the results for these chemicals were reported above the MTCA Method A CUL.

#### 4.3.2 DRO, RRO, and GRO

DRO was detected in at least one sample from WSP-B-1, WSP-B-3, WSP-B-4, WSP-B-5, and WSP-B-11. RRO was only detected in the shallowest sample from WSP-B-1.

GRO was detected in at least one sample from WSP-B-1 through WSP-B-9 and WSP-B-11. The sample collected from boring WSP-B-1 from the depth of 4.0 feet bgs was reported to have a concentration of 68.2 mg/kg, which is above the MTCA Method A CUL (30 mg/kg). However, the concentration for GRO is observed to be decreasing with depth as seen in the samples collected from 6.0 and 8.0 feet bgs where the concentration for GRO was reported at 4.61 and 2.41 mg/kg, respectively.

## 5.0 CONCLUSION

WSP collected soil samples from excavation at grid B10 and from 12 direct push soil borings, following the initial soil investigations conducted as a part of the initial spill emergency response.

The first component of WSP's site investigation showed all COCs were below MTCA Method A CULs in all samples collected from the excavation at grid B10.

The second component of WSP's site investigation consisted of direction push soil sampling, which showed benzene was above the MTCA Method A CUL in multiple soil borings. Extent of benzene was vertically delineated to below the screening value in all borings except B-1, where benzene was detected above the MTCA Method A CUL in the deepest sample collected at 8.0 feet bgs. Toluene, ethylbenzene and xylene were detected in multiple soil samples, but there were no detections above the MTCA Method A CULs.

DRO, RRO, and GRO were also detected in multiple soil samples during direct push soil sampling. However, GRO was the only COC detected above the MTCA Method A CUL in one sample collected from B-1 at 4.0 feet bgs.

## 6.0 UPCOMING PROPOSED FIELD ACTIVITIES

The following activities are proposed for the second half of 2024 based on the conclusions of the excavation and direct push soil sampling:

### 6.1 Monitoring Well Installation

The objective of this monitoring well installation is to install four monitoring wells. These wells will be placed upgradient, side gradient, and downgradient of the spill area to assess potential groundwater impacts and evaluate the aquifer conditions. Monitoring wells will be installed to a depth of up to 40 feet, depending on the depth to groundwater and the length of the screen. Up to four soil samples will be collected from each monitoring well borehole to characterize the nature and the extent of COCs in soil above groundwater.

WSP has reviewed the information provided by the direct push assessment and Geoengineers Inc. geotechnical evaluation. Based on this review, any shallow water detected above 25 feet bgs appears to be inconsistent in nature and most likely associated with the fill and excavation backfill (perched water). The consistent groundwater was noted at the 25 to 30 feet range in the coarser grained material below the clay layer. Therefore, WSP proposes to set the well screens in the coarser grained unit. There were observations of artesian conditions during the deeper Geoengineers Inc. borings and care will be taken to control head conditions and mitigate any cross-contamination.

After installation and development of the monitoring wells, groundwater samples will be collected to determine compliance with preliminary groundwater CULs. Two rounds of groundwater sampling are proposed. First round will be collected after installation/development and the second will be collected approximately six months later to check for seasonal variation. Surveying of the groundwater monitoring wells will be done by a licensed surveyor, who will measure elevation (North American Datum 1988) and horizontal coordinates (Washington State Plane North).

### 6.2 Well Construction

The monitoring wells will be constructed using 2-inch-diameter, Schedule 40 flush-thread polyvinyl chloride casing. Due to the depth and potential artesian conditions, Hollow Stem Auger or Sonic drilling technologies will be utilized for the well installation. Each well will be installed with a 10-foot screen reaching the bottom proposed depth of the well. Due to the vegetation around the property and ongoing farming, stick-up well monuments are proposed so that they will be identifiable and accessible throughout the year with seasonal variations.

## 7.0 REFERENCES

Antea Group. 2024. Soil Excavation and Soil Sampling Summary OPLC MP 46 Release – Conway, Washington. March 2024.

CTEH. 2024. A2-A3 Excavation Addendum with Revisions. January 2024.

## Tables

**Table 1: Sample Locations**

| <b>Sample ID</b>   | <b>Sample Type</b>           | <b>Easting<sup>1</sup></b> | <b>Northing<sup>1</sup></b> |
|--------------------|------------------------------|----------------------------|-----------------------------|
| B10-30-EAST        | Confirmation Sample from B10 | N/A                        | N/A                         |
| B10-34-NORTH       | Confirmation Sample from B10 | N/A                        | N/A                         |
| B10-33-SOUTH       | Confirmation Sample from B10 | N/A                        | N/A                         |
| B10-28-WEST        | Confirmation Sample from B10 | N/A                        | N/A                         |
| B10-36-CENTERFLOOR | Confirmation Sample from B10 | N/A                        | N/A                         |
| WSP-B-1            | Soil Samples from DPT        | 1278237.540'               | 493016.448'                 |
| WSP-B-2            | Soil Samples from DPT        | 1278217.197'               | 492994.354'                 |
| WSP-B-3            | Soil Samples from DPT        | 1278236.935'               | 492980.244'                 |
| WSP-B-4            | Soil Samples from DPT        | 1278226.599'               | 493002.564'                 |
| WSP-B-5            | Soil Samples from DPT        | 1278231.713'               | 493048.674'                 |
| WSP-B-6            | Soil Samples from DPT        | 1278186.438'               | 493007.186'                 |
| WSP-B-7            | Soil Samples from DPT        | 1278165.244'               | 492980.550'                 |
| WSP-B-8            | Soil Samples from DPT        | 1278172.834'               | 492950.851'                 |
| WSP-B-9            | Soil Samples from DPT        | 1278196.914'               | 492929.972'                 |
| WSP-B-10           | Soil Samples from DPT        | 1278226.619'               | 492951.032'                 |
| WSP-B-11           | Soil Samples from DPT        | 1278249.062'               | 492972.982'                 |
| WSP-B-12           | Soil Samples from DPT        | 1278163.347'               | 492891.861'                 |

**Notes**

1. Coordinates in Washington North State Plane.

DPT - Direct Push Technology

N/A - Not collected during sampling

**Table 2: Analytical Results from Soil Samples Collected from the Excavation Pit from Grid B10**

|                               | Sample ID                 | B10-30-EAST | B10-34-NORTH | B10-33-SOUTH | B10-28-WEST | B10-36-CENTERFLOOR |
|-------------------------------|---------------------------|-------------|--------------|--------------|-------------|--------------------|
| Analyte                       | MTCA Method A CUL (mg/kg) |             |              |              |             |                    |
| Benzene                       | 0.03                      | 0.00163     | 0.00139      | 0.000869     | 0.00182     | ND                 |
| Ethylbenzene                  | 6                         | ND          | 0.0134       | 0.00136      | ND          | ND                 |
| Toluene                       | 7                         | 0.0137      | 0.0269       | ND           | ND          | ND                 |
| Xylenes                       | 9                         | 0.0054      | 0.085        | ND           | ND          | 0.00239            |
| Diesel Range Organics (DRO)   | 2000                      | ND          | ND           | ND           | ND          | ND                 |
| Residual Range Organics (RRO) | 2000                      | ND          | ND           | ND           | ND          | ND                 |
| Gasoline Range Organics (GRO) | 30                        | 2.7         | 2.74         | 2.1          | 4.74        | 2.8                |

## Notes:

All concentrations in mg/kg.

CUL - Cleanup Levels

MTCA- Model Toxic Control Act

mg/kg - milligram per kilogram

ND = not detected at or above the sample reporting limit. All reporting limits were below MTCA Method A CULs.

All GRO sample results were associated with a method blank containing 1.26 mg/kg GRO.

Red Text: The result value is greater than the screening value

Green Text: The result value is less than the screening value

**Table 3: Analytical Results from Direct Push Soil Samples**

|                         | Sample ID                 | WSP-B-1-4' | WSP-B-1-6' | WSP-B-1-8' | WSP-B-2-10' | WSP-B-2-12' |
|-------------------------|---------------------------|------------|------------|------------|-------------|-------------|
| Analyte                 | MTCA Method A CUL (mg/kg) |            |            |            |             |             |
| Benzene                 | 0.03                      | ND         | 0.0798     | 0.641      | ND          | ND          |
| Ethylbenzene            | 6                         | 0.447      | 0.0735     | ND         | 0.00370     | 0.00416     |
| Toluene                 | 7                         | 0.0485     | 0.00721    | ND         | 0.00412     | ND          |
| Xylenes                 | 9                         | 6.07       | 0.0889     | ND         | 0.0157      | 0.00361     |
| Diesel Range Organics   | 2000                      | 47.8       | ND         | ND         | ND          | ND          |
| Residual Range Organics | 2000                      | 249        | ND         | ND         | ND          | ND          |
| Gasoline Range Organics | 30                        | 68.2       | 4.61       | 2.41       | ND          | 3.59        |

## Notes:

All concentrations in mg/kg.

CUL - Cleanup Levels

MTCA- Model Toxic Control Act

mg/kg - milligram per kilogram

ND = not detected

Red Text: The result value is greater than the screening value

Green Text: The result value is less than the screening value

**Table 3: Analytical Results from Direct Push Soil Samples**

|                         | Sample ID                 | WSP-B-3-8' | WSP-B-3-10' | WSP-B-3-15' | WSP-B-4-6' | WSP-B-4-10' |
|-------------------------|---------------------------|------------|-------------|-------------|------------|-------------|
| Analyte                 | MTCA Method A CUL (mg/kg) |            |             |             |            |             |
| Benzene                 | 0.03                      | 0.730      | 0.598       | 0.00146     | 0.00626    | 0.289       |
| Ethylbenzene            | 6                         | 1.40       | 0.327       | 0.00634     | 0.143      | ND          |
| Toluene                 | 7                         | 0.0327     | 0.00932     | 0.00334     | 0.0415     | ND          |
| Xylenes                 | 9                         | 0.399      | 0.279       | 0.0125      | 0.296      | ND          |
| Diesel Range Organics   | 2000                      | 13.0       | 23          | ND          | 2.76       | ND          |
| Residual Range Organics | 2000                      | ND         | ND          | ND          | ND         | ND          |
| Gasoline Range Organics | 30                        | 19.3       | 2.94        | 2.16        | 13.1       | 1.79        |

## Notes:

All concentrations in mg/kg.

CUL - Cleanup Levels

MTCA- Model Toxic Control Act

mg/kg - milligram per kilogram

ND = not detected

Red Text: The result value is greater than the screening value

Green Text: The result value is less than the screening value

**Table 3: Analytical Results from Direct Push Soil Samples**

|                         | Sample ID                 | WSP-B-4-15' | WSP-B-5-6' | WSP-B-5-10' | WSP-B-5-15' | WSP-B-6-6' |
|-------------------------|---------------------------|-------------|------------|-------------|-------------|------------|
| Analyte                 | MTCA Method A CUL (mg/kg) |             |            |             |             |            |
| Benzene                 | 0.03                      | ND          | 0.00177    | 1.25        | ND          | 0.00563    |
| Ethylbenzene            | 6                         | ND          | 0.0415     | ND          | ND          | 0.0132     |
| Toluene                 | 7                         | ND          | 0.00744    | 0.00437     | ND          | 0.0611     |
| Xylenes                 | 9                         | 0.00295     | 0.0852     | 0.00342     | 0.00348     | 0.0841     |
| Diesel Range Organics   | 2000                      | ND          | 10.2       | ND          | ND          | ND         |
| Residual Range Organics | 2000                      | ND          | ND         | ND          | ND          | ND         |
| Gasoline Range Organics | 30                        | 3.13        | 11.9       | 4.39        | 2.67        | 3.8        |

## Notes:

All concentrations in mg/kg.

CUL - Cleanup Levels

MTCA- Model Toxic Control Act

mg/kg - milligram per kilogram

ND = not detected

Red Text: The result value is greater than the screening value

Green Text: The result value is less than the screening value

**Table 3: Analytical Results from Direct Push Soil Samples**

|                         | Sample ID                 | WSP-B-6-12' | WSP-B-7-8' | WSP-B-7-12' | WSP-B-7-15' | WSP-B-8-8' |
|-------------------------|---------------------------|-------------|------------|-------------|-------------|------------|
| Analyte                 | MTCA Method A CUL (mg/kg) |             |            |             |             |            |
| Benzene                 | 0.03                      | ND          | 0.0199     | ND          | ND          | 1.33       |
| Ethylbenzene            | 6                         | ND          | 0.0242     | ND          | ND          | 0.0694     |
| Toluene                 | 7                         | ND          | 0.0671     | ND          | ND          | 0.0588     |
| Xylenes                 | 9                         | 0.00233     | 0.0858     | 0.00326     | 0.00295     | 0.0177     |
| Diesel Range Organics   | 2000                      | ND          | ND         | ND          | ND          | ND         |
| Residual Range Organics | 2000                      | ND          | ND         | ND          | ND          | ND         |
| Gasoline Range Organics | 30                        | 2.24        | 1.99       | 1.71        | 2.83        | 6.34       |

## Notes:

All concentrations in mg/kg.

CUL - Cleanup Levels

MTCA- Model Toxic Control Act

mg/kg - milligram per kilogram

ND = not detected

Red Text: The result value is greater than the screening value

Green Text: The result value is less than the screening value

**Table 3: Analytical Results from Direct Push Soil Samples**

|                         | Sample ID                 | WSP-B-8-12' | WSP-B-9-8' | WSP-B-9-12' | WSP-B-10-8' | WSP-B-10-12' |
|-------------------------|---------------------------|-------------|------------|-------------|-------------|--------------|
| Analyte                 | MTCA Method A CUL (mg/kg) |             |            |             |             |              |
| Benzene                 | 0.03                      | 0.00843     | 0.168      | ND          | 0.000818    | ND           |
| Ethylbenzene            | 6                         | 0.00323     | 0.341      | 0.00241     | ND          | ND           |
| Toluene                 | 7                         | 0.00575     | 0.271      | ND          | ND          | ND           |
| Xylenes                 | 9                         | 0.00401     | 0.481      | ND          | ND          | ND           |
| Diesel Range Organics   | 2000                      | ND          | ND         | ND          | ND          | ND           |
| Residual Range Organics | 2000                      | ND          | ND         | ND          | ND          | ND           |
| Gasoline Range Organics | 30                        | 1.70        | 12.3       | 1.93        | ND          | ND           |

## Notes:

All concentrations in mg/kg.

CUL - Cleanup Levels

MTCA- Model Toxic Control Act

mg/kg - milligram per kilogram

ND = not detected

Red Text: The result value is greater than the screening value

Green Text: The result value is less than the screening value

**Table 3: Analytical Results from Direct Push Soil Samples**

|                         | Sample ID                 | WSP-B-11-8' | WSP-B-11-12' | WSP-B-11-15' | WSP-B-12-8' | WSP-B-12-12' |
|-------------------------|---------------------------|-------------|--------------|--------------|-------------|--------------|
| Analyte                 | MTCA Method A CUL (mg/kg) |             |              |              |             |              |
| Benzene                 | 0.03                      | 0.676       | 0.647        | 0.00296      | ND          | ND           |
| Ethylbenzene            | 6                         | 1.13        | 0.621        | 0.00175      | ND          | ND           |
| Toluene                 | 7                         | 0.00714     | 0.0201       | 0.00366      | ND          | ND           |
| Xylenes                 | 9                         | 0.0377      | 0.0903       | 0.00301      | ND          | ND           |
| Diesel Range Organics   | 2000                      | 6.04        | ND           | ND           | ND          | ND           |
| Residual Range Organics | 2000                      | ND          | ND           | ND           | ND          | ND           |
| Gasoline Range Organics | 30                        | 16.2        | 11.1         | 1.97         | ND          | ND           |

## Notes:

All concentrations in mg/kg.

CUL - Cleanup Levels

MTCA- Model Toxic Control Act

mg/kg - milligram per kilogram

ND = not detected

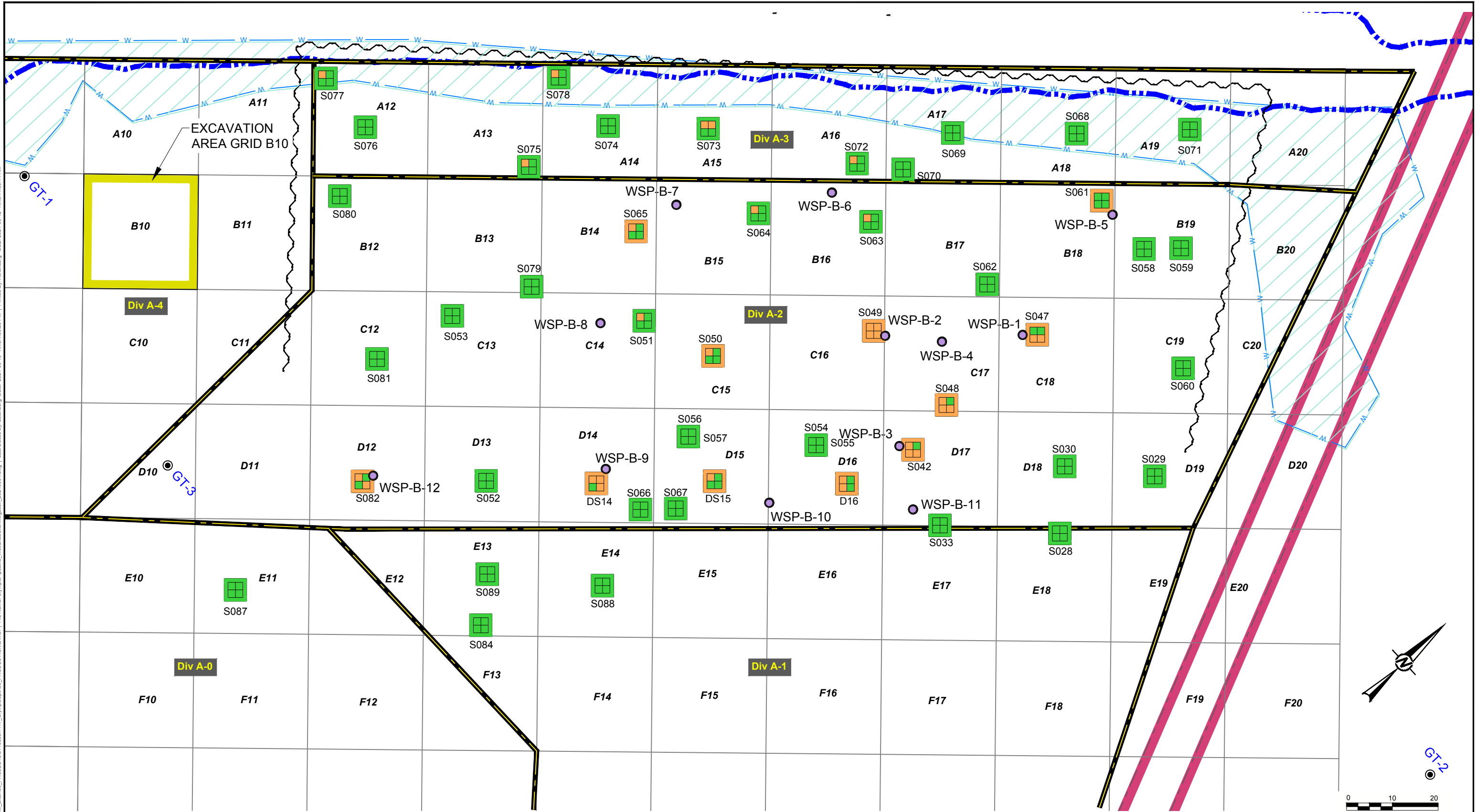
Red Text: The result value is greater than the screening value

Green Text: The result value is less than the screening value

## Figures



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LEGEND

OLYMPIC PIPELINE SYSTEM CENTERLINES

WETLAND A

ORDINARY HIGH WATER MARK (OHWM)

DIVISION BOUNDARY

WSP BORING LOCATION

GEOENGINEERS BORING LOCATION

NON WSP SOIL SAMPLES

S051

DS14

COORDINATES FOR THESE SAMPLING LOCATIONS WERE NOT CAPTURED AT THE TIME OF THE SAMPLING

| TPH-Gx | Analyte                                               | Screening Value (ug/kg) |
|--------|-------------------------------------------------------|-------------------------|
| B      | TPH-Gx: Total Petroleum Hydrocarbons - Gasoline Range | 30,000                  |
| T      | B: Benzene                                            | 30                      |
| E      | T: Toluene                                            | 7,000                   |
| X      | E: Ethylbenzene                                       | 6,000                   |
|        | X: Xylenes                                            | 9,000                   |

Below screening value

Above screening value

CLIENT  
OLYMPIC PIPELINE COMPANY, LLC  
CONWAY, WASHINGTON

CONSULTANT



YYYY-MM-DD 2024-06-12

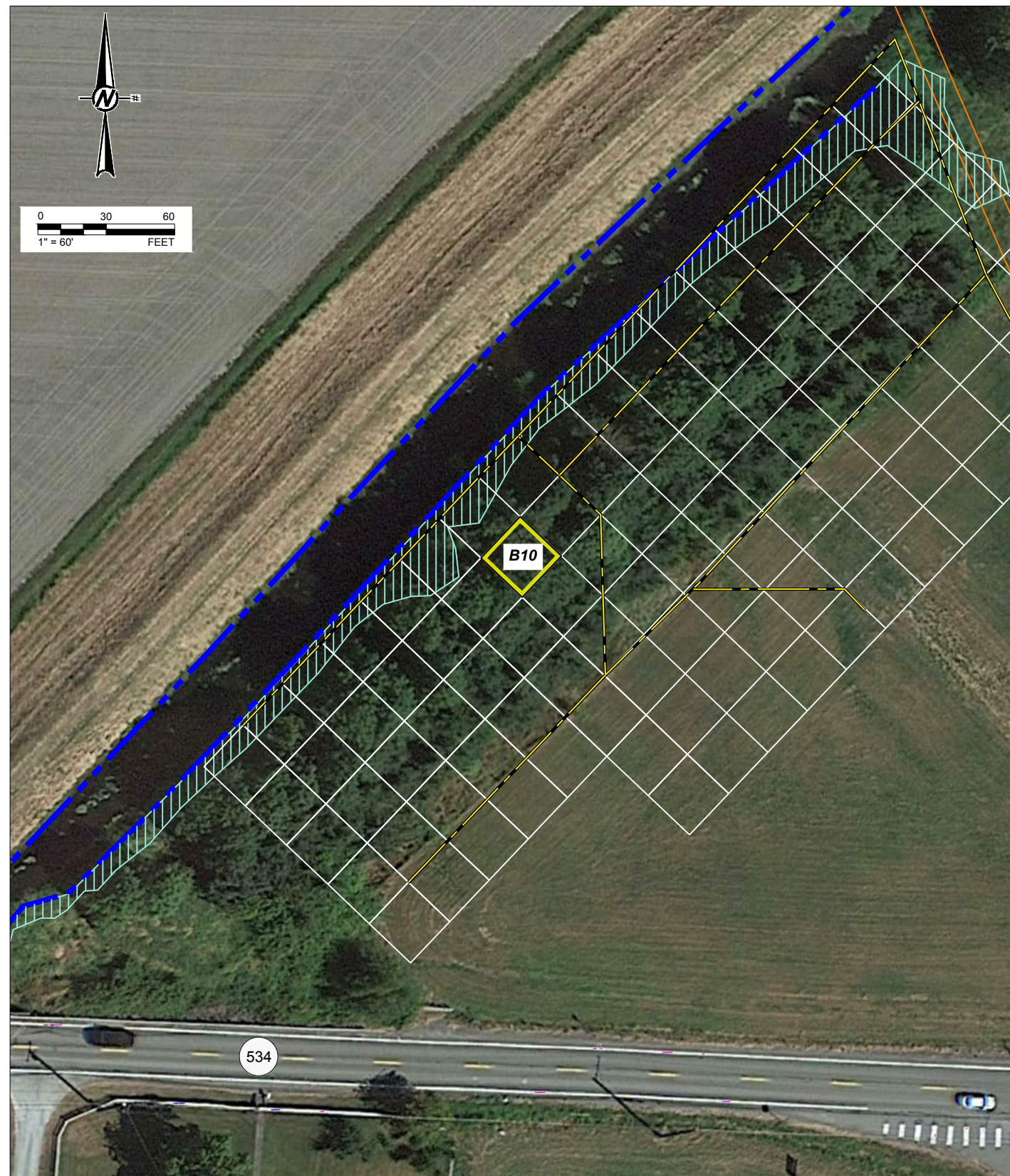
|          |     |
|----------|-----|
| DESIGNED | GL  |
| PREPARED | APS |
| REVIEWED | GL  |
| APPROVED | DT  |

PROJECT  
OLYMPIC PIPELINE GASOLINE SPILL RESPONSE

TITLE  
SAMPLE LOCATIONS

PROJECT NO. CONTROL REV. FIGURE

1" IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANSI B



## LEGEND

OLYMPIC PIPELINE SYSTEM CENTERLINES



— — — ORDINARY HIGH WATER MARK (OHWM)



NON-WSP SOIL SAMPLES

**ABBREVIATIONS:**

CUL - CLEANUP LEVELS  
MTCA - MODEL TOXIC CONTROL ACT  
mg/kg - MILLIGRAM PER KILOGRAM

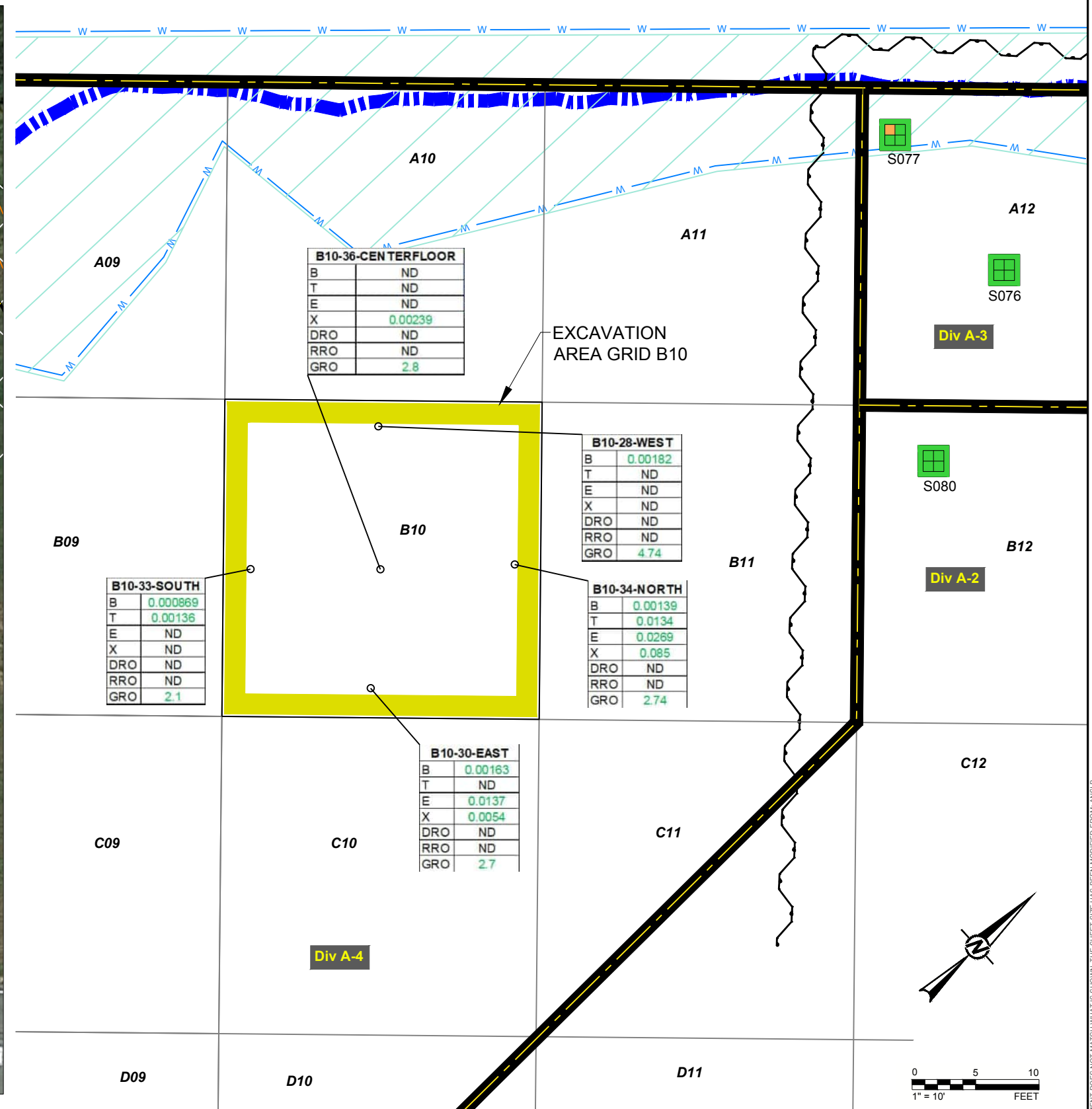
**NOTES:**

COORDINATES FOR THESE SAMPLING LOCATIONS WERE NOT CAPTURED AT THE TIME OF THE SAMPLING. LOCATIONS OF THE SAMPLES IN THE GRID B10 ARE ESTIMATED BASED ON FIELD DOCUMENTATION.

| MTCA Method A CUL (mg/kg)     |      |
|-------------------------------|------|
| Benzene (B)                   | 0.03 |
| Toluene (T)                   | 7    |
| Ethylbenzene (E)              | 6    |
| Xylenes (X)                   | 9    |
| Diesel Range Organics (DRO)   | 2000 |
| Residual Range Organics (RRO) | 2000 |
| Gasoline Range Organics (GRO) | 30   |

ND = NOT DETECTED AT OR ABOVE THE SAMPLE REPORTING LIMIT.  
ALL REPORTING LIMITS WERE BELOW MTCA METHOD A CULs.

RED TEXT - THE RESULT VALUE IS GREATER THAN THE SCREENING VALUE  
GREEN TEXT - THE RESULT VALUE IS LESS THAN THE SCREENING VALUE



CLIENT  
OLYMPIC PIPELINE COMPANY, LLC  
CONWAY, WASHINGTON

CONSULTANT



YYYY-MM-DD 2024-06-12

| DESIGNED | GL |
|----------|----|
|----------|----|

|          |     |
|----------|-----|
| PREPARED | APS |
|----------|-----|

|          |    |
|----------|----|
| REVIEWED | GL |
|----------|----|

|          |    |
|----------|----|
| APPROVED | DT |
|----------|----|

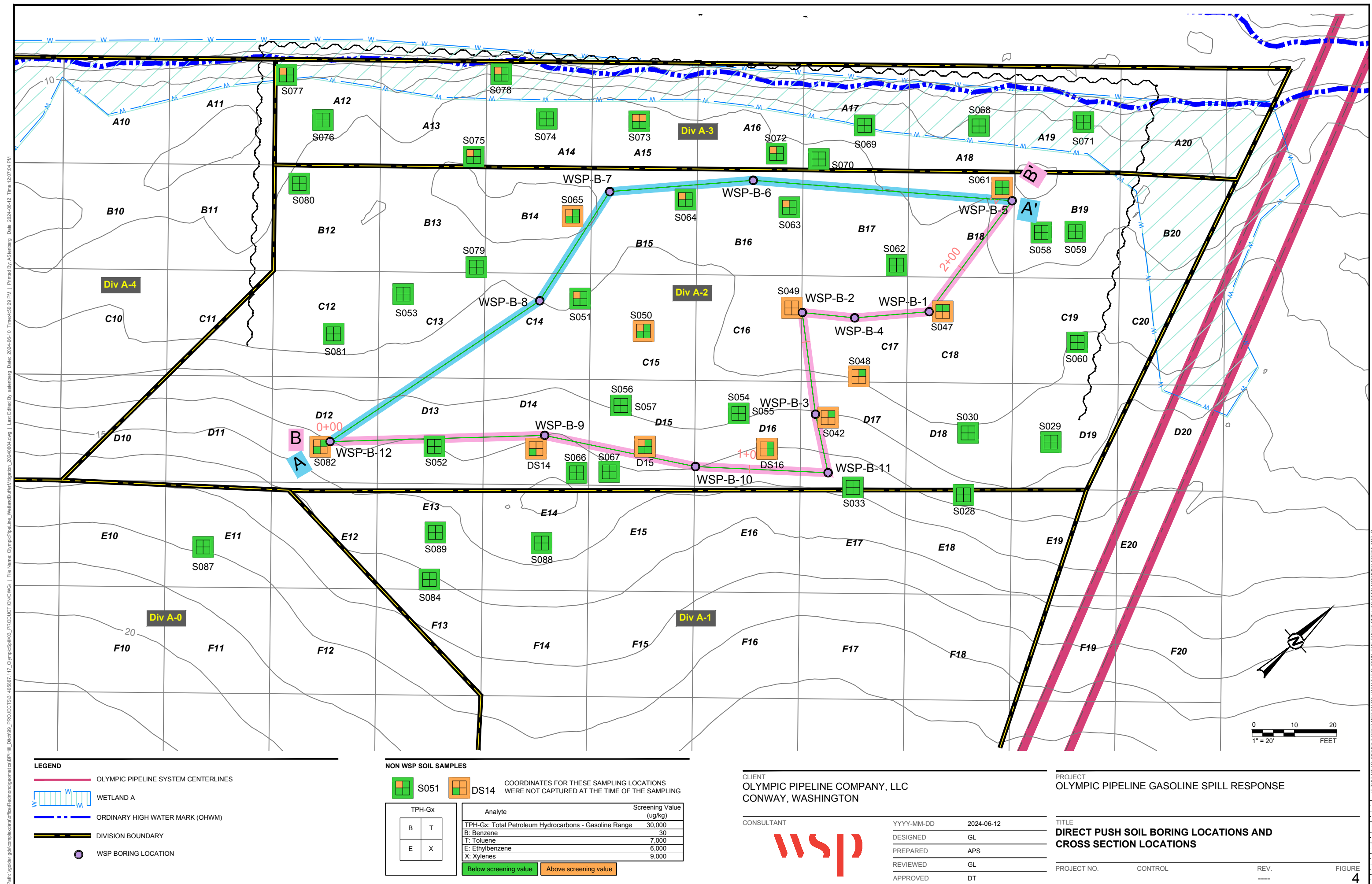
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OLYMPIC PIPELINE GASOLINE SPILL RESPONSE

TITLE  
ANALYTICAL RESULTS FOR SOIL SAMPLES  
FROM GRID B10

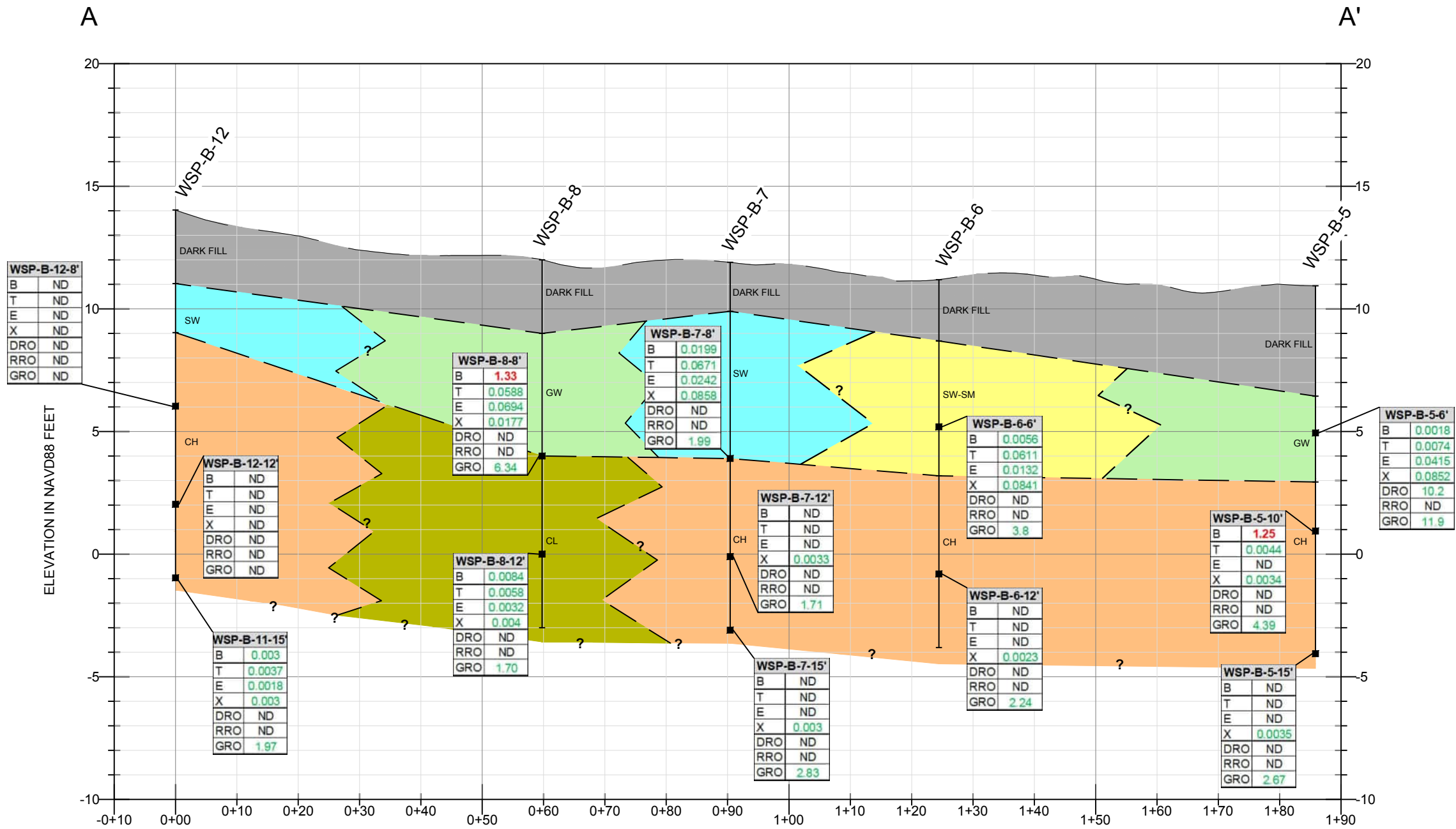
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|-------------|---------|
| PROJECT NO. | CONTROL |
|-------------|---------|

REV.

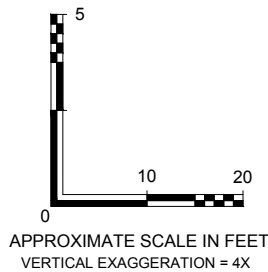
FIGURE



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CROSS SECTION A-A'



| KEY |                  |
|-----|------------------|
|     | DARK FILL        |
|     | SAND WITH GRAVEL |
|     | GRAVEL WITH SAND |
|     | SILTY SAND       |
|     | FAT CLAY         |
|     | LEAN CLAY        |

ABBREVIATIONS:  
CUL - CLEANUP LEVELS  
MTCA - MODEL TOXIC CONTROL ACT  
mg/kg - MILLIGRAM PER KILOGRAM

| MTCA Method A CUL (mg/kg)     |      |
|-------------------------------|------|
| Benzene (B)                   | 0.03 |
| Toluene (T)                   | 7    |
| Ethylbenzene (E)              | 6    |
| Xylenes (X)                   | 9    |
| Diesel Range Organics (DRO)   | 2000 |
| Residual Range Organics (RRO) | 2000 |
| Gasoline Range Organics (GRO) | 30   |

ND = NOT DETECTED AT OR ABOVE THE SAMPLE REPORTING LIMIT.  
ALL REPORTING LIMITS WERE BELOW MTCA METHOD A CULS.  
RED TEXT - THE RESULT VALUE IS GREATER THAN THE SCREENING VALUE  
GREEN TEXT - THE RESULT VALUE IS LESS THAN THE SCREENING VALUE

CLIENT  
BP REMEDIATION GROUP

|            |            |            |
|------------|------------|------------|
| CONSULTANT | YYYY-MM-DD | 2024-06-12 |
| DESIGNED   | GL         |            |
| PREPARED   | APS        |            |
| REVIEWED   | GL         |            |
| APPROVED   | DT         |            |



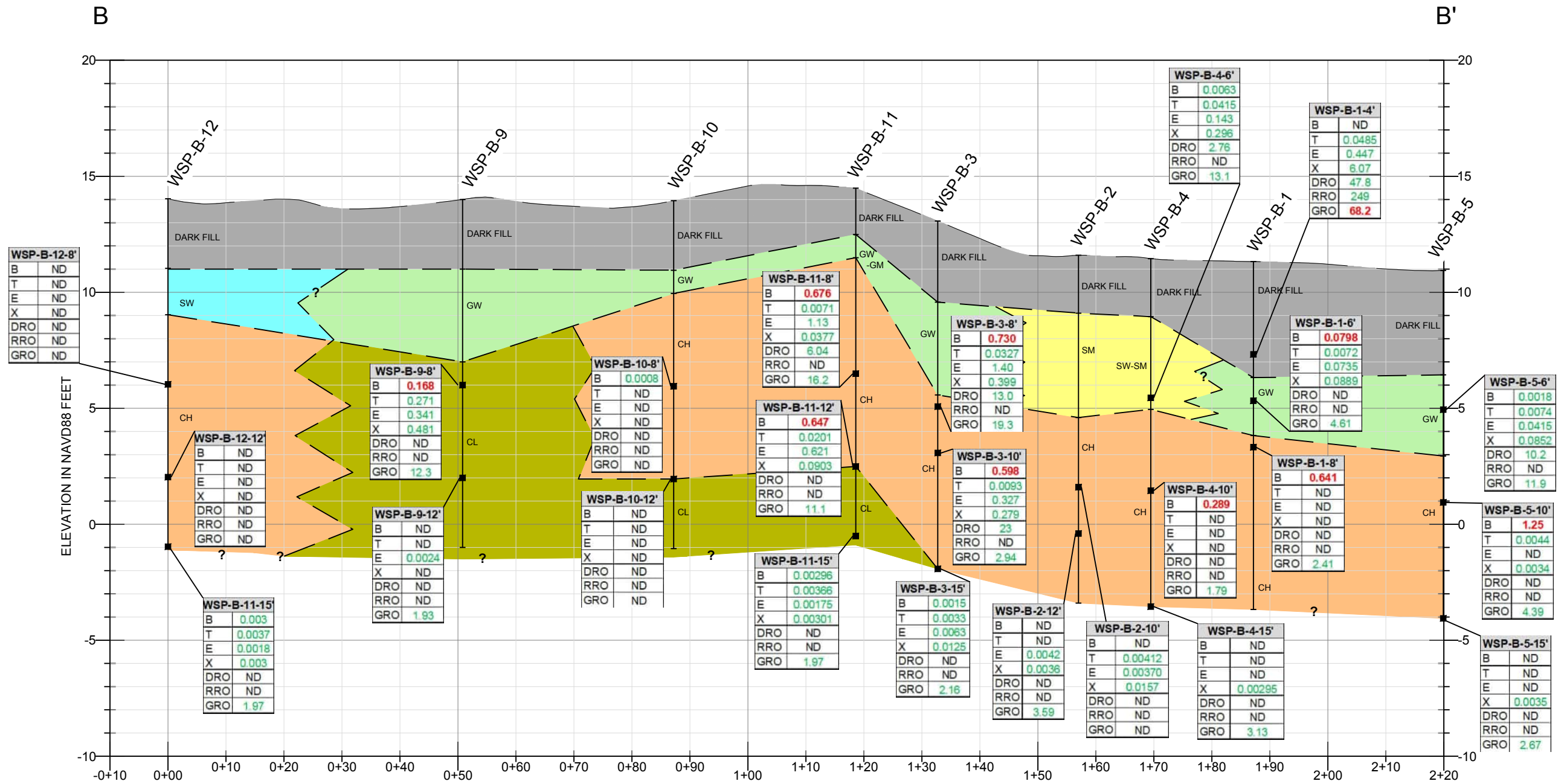
PROJECT  
OLYMPIC PIPELINE GASOLINE SPILL RESPONSE

TITLE  
**CROSS SECTION A-A' SHOWING THE VERTICAL EXTENT OF COCs FOR SOIL SAMPLES FROM DIRECT PUSH BORINGS**

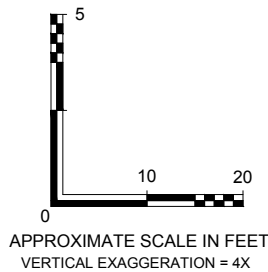
|              |         |      |        |
|--------------|---------|------|--------|
| PROJECT NO.  | CONTROL | REV. | FIGURE |
| 31405867.117 |         | ---- | 5      |

1" IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

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CROSS SECTION B-B'



| KEY       |                  |
|-----------|------------------|
| DARK FILL | DARK FILL        |
| SW        | SAND WITH GRAVEL |
| GW        | GRAVEL WITH SAND |
| SM        | SILTY SAND       |
| CH        | FAT CLAY         |
| CL        | LEAN CLAY        |

ABBREVIATIONS:  
CUL - CLEAN UP LEVELS  
MTCA - MODEL TOXIC CONTROL ACT  
mg/kg - MILLIGRAM PER KILOGRAM

| MTCA Method A CUL (mg/kg)     |      |
|-------------------------------|------|
| Benzene (B)                   | 0.03 |
| Toluene (T)                   | 7    |
| Ethylbenzene (E)              | 6    |
| Xylenes (X)                   | 9    |
| Diesel Range Organics (DRO)   | 2000 |
| Residual Range Organics (RRO) | 2000 |
| Gasoline Range Organics (GRO) | 30   |

ND = NOT DETECTED AT OR ABOVE THE SAMPLE REPORTING LIMIT.  
ALL REPORTING LIMITS WERE BELOW MTCA METHOD A CULS.  
RED TEXT - THE RESULT VALUE IS GREATER THAN THE SCREENING VALUE  
GREEN TEXT - THE RESULT VALUE IS LESS THAN THE SCREENING VALUE

CLIENT  
BP REMEDIATION GROUP

|            |            |            |
|------------|------------|------------|
| CONSULTANT | YYYY-MM-DD | 2024-06-12 |
| DESIGNED   | GL         |            |
| PREPARED   | APS        |            |
| REVIEWED   | GL         |            |
| APPROVED   | DT         |            |



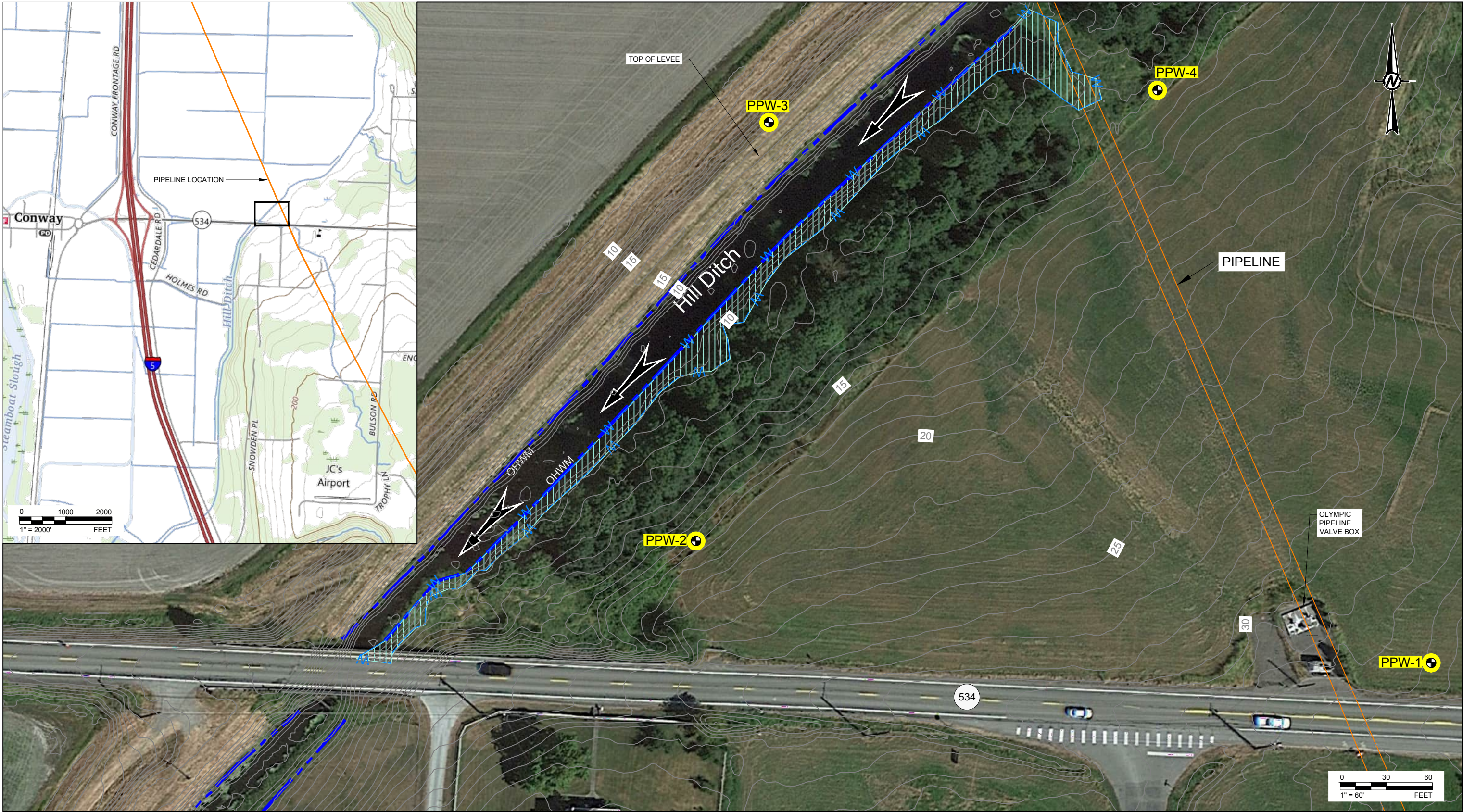
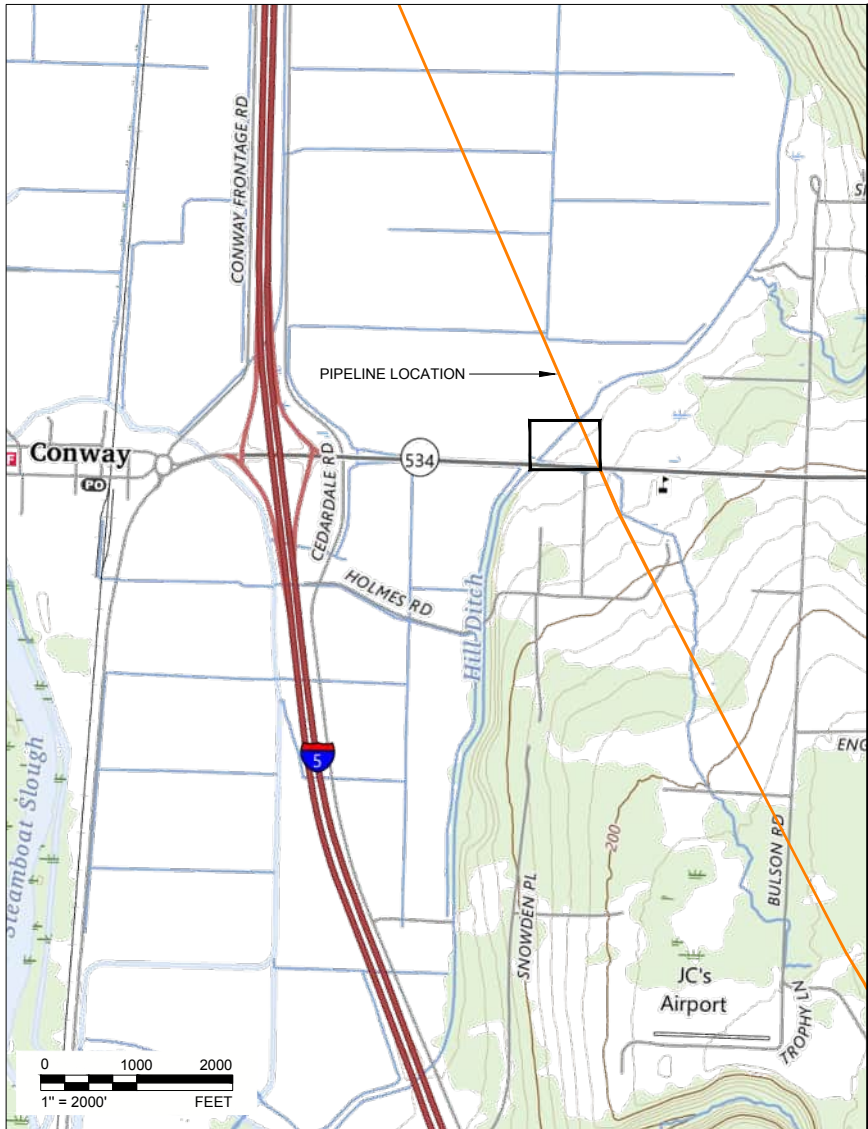
PROJECT  
OLYMPIC PIPELINE GASOLINE SPILL RESPONSE

TITLE  
**CROSS SECTION B-B' SHOWING THE VERTICAL EXTENT OF COCs FOR SOIL SAMPLES FROM DIRECT PUSH BORINGS**

|              |         |      |        |
|--------------|---------|------|--------|
| PROJECT NO.  | CONTROL | REV. | FIGURE |
| 31405867.117 |         | ---- | 6      |

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

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- LEGEND**
- WETLAND A
  - ORDINARY HIGH WATER MARK (OHWM)
  - PROPOSED PUSH PROBE WELL LOCATION

- REFERENCE(S)**
- U.S.G.S. CONWAY QUAD
  - AERIAL IMAGE FROM GOOGLE EARTH PRO (AUGUST 2022).

CLIENT  
BP REMEDIATION GROUP

CONSULTANT



|            |            |
|------------|------------|
| YYYY-MM-DD | 2024-06-08 |
| DESIGNED   | BH         |
| PREPARED   | APS        |
| REVIEWED   | GL         |
| APPROVED   | DT         |

PROJECT  
OLYMPIC PIPELINE GASOLINE SPILL RESPONSE

TITLE  
**PROPOSED MONITORING WELL LOCATIONS**

PROJECT NO.  
31405867.117

CONTROL

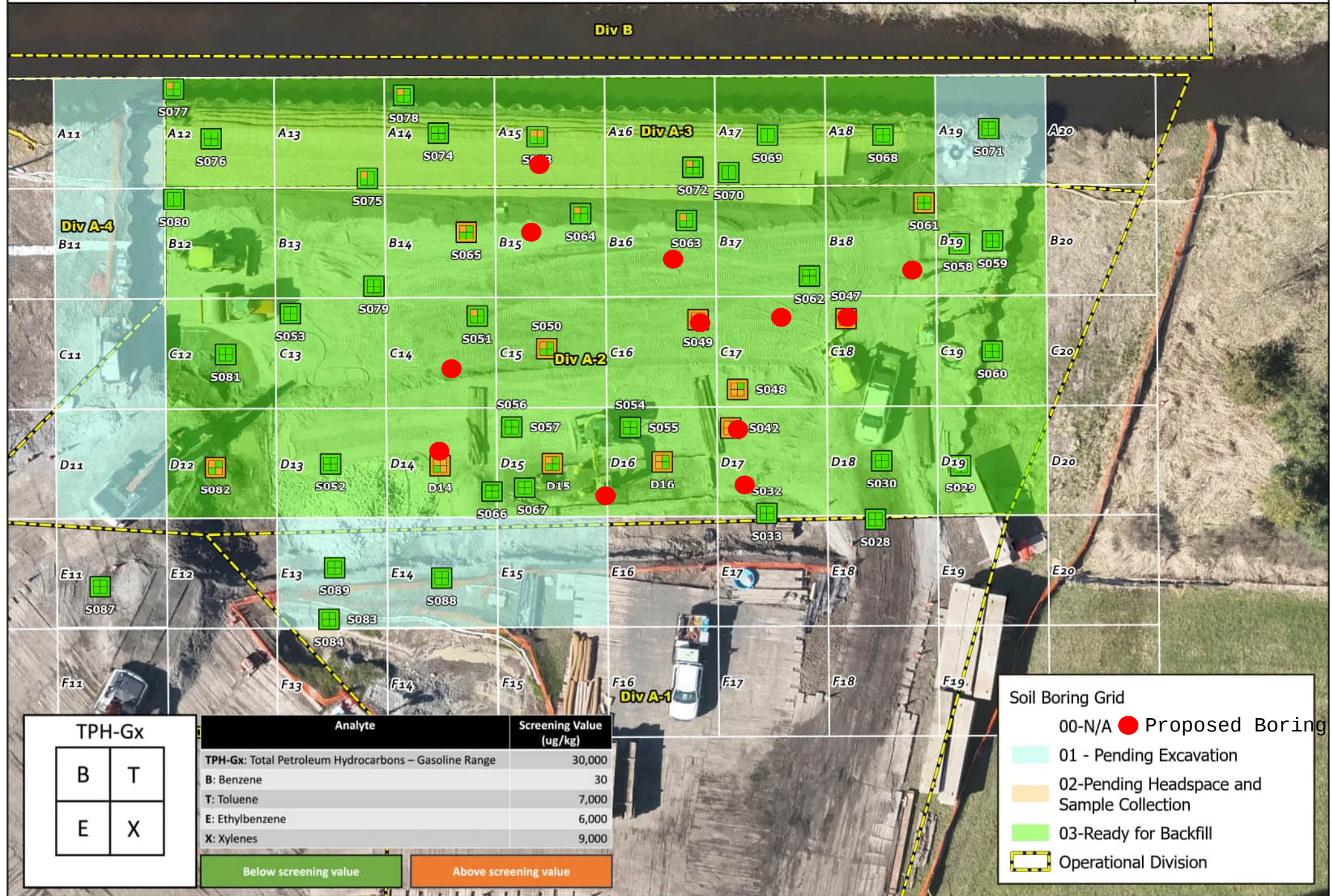
REV.

FIGURE  
7

1 in IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANSI B

**APPENDIX A**

**CTEH Preliminary Soil Data**



Preliminary Laboratory Results | Soil

PROJ-032692 | Olympic Pipeline Gasoline Spill - Conway, WA

Data Updated at 3/27/2024 8:32:58 AM

| Analytical Method | Analyte                       | Screening Value<br>MTCA     | D14                | D15                | D16                | S028             |
|-------------------|-------------------------------|-----------------------------|--------------------|--------------------|--------------------|------------------|
|                   |                               |                             | DIV A-2: Crane Pad | DIV A-2: Crane Pad | DIV A-2: Crane Pad | D-18 E Side Wall |
| 8260D             |                               |                             | 3/5/2024           | 3/5/2024           | 3/5/2024           | 2/26/2024        |
|                   |                               |                             | MTWA0305S045       | MTWA0305S044       | MTWA0305S043       | MTWA0226S028     |
|                   | Benzene                       | 30 µg/kg <sup>1</sup>       | 186 µg/kg          | 47.7 µg/kg         | 441 µg/kg          | < 0.942 µg/kg    |
|                   | Ethylbenzene                  | 6000 µg/kg <sup>1</sup>     | 3,070 µg/kg        | 298 µg/kg          | 10,600 µg/kg       | < 1.49 µg/kg     |
|                   | Toluene                       | 7000 µg/kg <sup>1</sup>     | 14,700 µg/kg       | 387 µg/kg          | 6,640 µg/kg        | 2.8 µg/kg (J)    |
| NWTPHDX-SGT       | Xylenes, Total                | 9000 µg/kg <sup>1</sup>     | 17,900 µg/kg       | 135 µg/kg          | 6,740 µg/kg        | 3.37 µg/kg (J)   |
|                   | Diesel Range Organics (DRO)   | 2000000 µg/kg <sup>1</sup>  | 1,260,000 µg/kg    | 54,200 µg/kg       | 282,000 µg/kg      | < 1,980 µg/kg    |
|                   | Residual Range Organics (RRO) | 2000000 µg/kg <sup>1*</sup> | 24,800 µg/kg (J)   | < 4,160 µg/kg      | < 3,500 µg/kg      | < 4,970 µg/kg    |
| NWTPHGX           | Gasoline Range Organics-NWTPH | 30000 µg/kg <sup>1</sup>    | 95,000 µg/kg       | 61,100 µg/kg (B)   | 768,000 µg/kg      | < 1,720 µg/kg    |

<sup>1</sup> Washington State Model Toxic Control Act (MTCA) - Method A Soil Cleanup Levels for Unrestricted Land Use

\* Cleanup Level for Heavy Oils

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit (MDL).

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below:

J: Result is estimated between the laboratory method detection limit and reporting limit.

B: The same analyte is found in the associated blank.

DNI: Did not ignite

O1: The analyte failed the method required serial dilution test and/or subsequent post-spike criteria. These failures indicate matrix interference.

- Detection
- Detection > Screening Value
- Non-detection

Preliminary Laboratory Results | Soil

PROJ-032692 | Olympic Pipeline Gasoline Spill - Conway, WA

Data Updated at 3/27/2024 8:32:58 AM

| Analytical Method | Analyte                       | Screening Value MTCA       | S029           | S030           | S031             |                   |
|-------------------|-------------------------------|----------------------------|----------------|----------------|------------------|-------------------|
|                   |                               |                            | D19 north wall | D18-5          | D17-5            |                   |
|                   |                               |                            | 2/26/2024      | 2/26/2024      | 2/28/2024        |                   |
| 8260D             | Benzene                       | 30 µg/kg <sup>1</sup>      | MTWA0226S029   | MTWA0226S030   | MTWA0228C031     | MTWA0228S031      |
|                   |                               |                            | < 0.89 µg/kg   | < 0.896 µg/kg  | 1.68 µg/kg (J)   | 6.61 µg/kg        |
|                   |                               |                            | < 1.4 µg/kg    | < 1.41 µg/kg   | < 2.07 µg/kg     | 5.18 µg/kg (J)    |
|                   |                               |                            | 3.81 µg/kg (J) | 4.72 µg/kg (J) | 6.09 µg/kg (J)   | 29.1 µg/kg        |
|                   |                               |                            | < 1.68 µg/kg   | 8.02 µg/kg (J) | 13 µg/kg (J)     | 42.3 µg/kg        |
| NWTPHDX-SGT       | Diesel Range Organics (DRO)   | 2000000 µg/kg <sup>1</sup> | < 1,870 µg/kg  | < 1,900 µg/kg  | < 2,160 µg/kg    | 3,420 µg/kg (JJ3) |
|                   |                               |                            | < 4,690 µg/kg  | < 4,750 µg/kg  | < 5,420 µg/kg    | < 5,450 µg/kg     |
| NWTPHGX           | Gasoline Range Organics-NWTPH | 30000 µg/kg <sup>1</sup>   | < 1,590 µg/kg  | < 1,930 µg/kg  | 4,450 µg/kg (BJ) | 8,210 µg/kg (B)   |

<sup>1</sup> Washington State Model Toxic Control Act (MTCA) - Method A Soil Cleanup Levels for Unrestricted Land Use

\* Cleanup Level for Heavy Oils

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit (MDL).

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below:

J: Result is estimated between the laboratory method detection limit and reporting limit.

B: The same analyte is found in the associated blank.

DNI: Did not ignite

O1: The analyte failed the method required serial dilution test and/or subsequent post-spike criteria. These failures indicate matrix interference.

- Detection
- Detection > Screening Value
- Non-detection

Preliminary Laboratory Results | Soil

PROJ-032692 | Olympic Pipeline Gasoline Spill - Conway, WA

Data Updated at 3/27/2024 8:32:58 AM

| Analytical Method | Analyte                       | Screening Value MTCA        | S032                                |                | S033                                | S034          |
|-------------------|-------------------------------|-----------------------------|-------------------------------------|----------------|-------------------------------------|---------------|
|                   |                               |                             | D17 East Sidewall 2ft below surface |                | D17 East Sidewall 4ft below surface | O16-5         |
|                   |                               |                             | 2/28/2024                           |                | 2/28/2024                           | 3/3/2024      |
| 8260D             | Benzene                       | 30 µg/kg <sup>1</sup>       | MTWA0228C032                        | MTWA0228S032   | MTWA0228S033                        | MTWA0303S034  |
|                   | Ethylbenzene                  | 6000 µg/kg <sup>1</sup>     | 0.937 µg/kg (J)                     | < 0.837 µg/kg  | < 0.78 µg/kg                        | < 1.36 µg/kg  |
|                   | Toluene                       | 7000 µg/kg <sup>1</sup>     | 2.06 µg/kg (J)                      | < 1.32 µg/kg   | < 1.23 µg/kg                        | < 2.14 µg/kg  |
|                   | Xylenes, Total                | 9000 µg/kg <sup>1</sup>     | 6.76 µg/kg (J)                      | 2.67 µg/kg (J) | < 2.17 µg/kg                        | < 3.76 µg/kg  |
|                   |                               |                             | 6.74 µg/kg (J)                      | < 1.58 µg/kg   | < 1.47 µg/kg                        | < 2.56 µg/kg  |
| NWTPHDX-SGT       | Diesel Range Organics (DRO)   | 2000000 µg/kg <sup>1</sup>  | < 1,900 µg/kg                       | < 1,850 µg/kg  | < 1,740 µg/kg                       | < 2,380 µg/kg |
|                   | Residual Range Organics (RRO) | 2000000 µg/kg <sup>1*</sup> | < 4,760 µg/kg                       | < 4,620 µg/kg  | < 4,360 µg/kg                       | < 5,960 µg/kg |
| NWTPHGX           | Gasoline Range Organics-NWTPH | 30000 µg/kg <sup>1</sup>    | < 1,620 µg/kg                       | < 1,530 µg/kg  | < 1,400 µg/kg                       | < 2,620 µg/kg |

<sup>1</sup> Washington State Model Toxic Control Act (MTCA) - Method A Soil Cleanup Levels for Unrestricted Land Use

\* Cleanup Level for Heavy Oils

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit (MDL).

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below:

J: Result is estimated between the laboratory method detection limit and reporting limit.

B: The same analyte is found in the associated blank.

DNI: Did not ignite

O1: The analyte failed the method required serial dilution test and/or subsequent post-spike criteria. These failures indicate matrix interference.

- Detection
- Detection > Screening Value
- Non-detection

Preliminary Laboratory Results | Soil

PROJ-032692 | Olympic Pipeline Gasoline Spill - Conway, WA

Data Updated at 3/27/2024 8:32:58 AM

| Analytical Method | Analyte                       | Screening Value MTCA        | S035          |               | S036            | S037           |
|-------------------|-------------------------------|-----------------------------|---------------|---------------|-----------------|----------------|
|                   |                               |                             | P16-5         |               | O15-5           | P15-5          |
|                   |                               |                             | 3/3/2024      |               | 3/3/2024        | 3/3/2024       |
|                   |                               |                             | MTWA0303C035  | MTWA0303S035  | MTWA0303S036    | MTWA0303S037   |
| 8260D             | Benzene                       | 30 µg/kg <sup>1</sup>       | < 1.17 µg/kg  | < 1.79 µg/kg  | < 1.07 µg/kg    | < 0.974 µg/kg  |
|                   | Ethylbenzene                  | 6000 µg/kg <sup>1</sup>     | < 1.84 µg/kg  | < 2.83 µg/kg  | < 1.69 µg/kg    | < 1.54 µg/kg   |
|                   | Toluene                       | 7000 µg/kg <sup>1</sup>     | < 3.25 µg/kg  | < 4.99 µg/kg  | < 2.98 µg/kg    | 7.2 µg/kg (J)  |
|                   | Xylenes, Total                | 9000 µg/kg <sup>1</sup>     | < 2.2 µg/kg   | < 3.38 µg/kg  | < 2.02 µg/kg    | 9.24 µg/kg (J) |
| NWTPHDX-SGT       | Diesel Range Organics (DRO)   | 2000000 µg/kg <sup>1</sup>  | < 2,320 µg/kg | < 2,250 µg/kg | < 2,160 µg/kg   | < 2,050 µg/kg  |
|                   | Residual Range Organics (RRO) | 2000000 µg/kg <sup>1*</sup> | < 5,810 µg/kg | < 5,630 µg/kg | 5,870 µg/kg (J) | < 5,140 µg/kg  |
| NWTPHGX           | Gasoline Range Organics-NWTPH | 30000 µg/kg <sup>1</sup>    | < 2,120 µg/kg | < 3,260 µg/kg | < 1,940 µg/kg   | < 1,770 µg/kg  |

<sup>1</sup> Washington State Model Toxic Control Act (MTCA) - Method A Soil Cleanup Levels for Unrestricted Land Use

\* Cleanup Level for Heavy Oils

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit (MDL).

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below:

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- Detection
- Detection > Screening Value
- Non-detection

Preliminary Laboratory Results | Soil

PROJ-032692 | Olympic Pipeline Gasoline Spill - Conway, WA

Data Updated at 3/27/2024 8:32:58 AM

| Analytical Method | Analyte                       | Screening Value MTCA        | S038           | S039          | S040           | S041            |
|-------------------|-------------------------------|-----------------------------|----------------|---------------|----------------|-----------------|
|                   |                               |                             | Q15-3          | P15-2         | Q14-4          | P14-5           |
|                   |                               |                             | 3/3/2024       | 3/3/2024      | 3/3/2024       | 3/3/2024        |
|                   |                               |                             | MTWA0303S038   | MTWA0303S039  | MTWA0303S040   | MTWA0303S041    |
| 8260D             | Benzene                       | 30 µg/kg <sup>1</sup>       | < 0.97 µg/kg   | < 1.11 µg/kg  | < 0.77 µg/kg   | 1.45 µg/kg (J)  |
|                   | Ethylbenzene                  | 6000 µg/kg <sup>1</sup>     | < 1.53 µg/kg   | < 1.74 µg/kg  | < 1.21 µg/kg   | < 2.16 µg/kg    |
|                   | Toluene                       | 7000 µg/kg <sup>1</sup>     | 3.11 µg/kg (J) | < 3.08 µg/kg  | 3.55 µg/kg (J) | 20.7 µg/kg      |
|                   | Xylenes, Total                | 9000 µg/kg <sup>1</sup>     | < 1.83 µg/kg   | < 2.08 µg/kg  | 5.32 µg/kg (J) | 29.2 µg/kg      |
| NWTPHDX-SGT       | Diesel Range Organics (DRO)   | 2000000 µg/kg <sup>1</sup>  | 18,000 µg/kg   | < 2,070 µg/kg | < 1,730 µg/kg  | < 2,570 µg/kg   |
|                   | Residual Range Organics (RRO) | 2000000 µg/kg <sup>1*</sup> | 34,300 µg/kg   | < 5,190 µg/kg | < 4,320 µg/kg  | < 6,450 µg/kg   |
| NWTPHGX           | Gasoline Range Organics-NWTPH | 30000 µg/kg <sup>1</sup>    | < 1,760 µg/kg  | < 2,010 µg/kg | < 1,400 µg/kg  | 2,680 µg/kg (J) |

<sup>1</sup> Washington State Model Toxic Control Act (MTCA) - Method A Soil Cleanup Levels for Unrestricted Land Use

\* Cleanup Level for Heavy Oils

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DNI: Did not ignite

O1: The analyte failed the method required serial dilution test and/or subsequent post-spike criteria. These failures indicate matrix interference.

Detection

Detection > Screening Value

Non-detection

Preliminary Laboratory Results | Soil

PROJ-032692 | Olympic Pipeline Gasoline Spill - Conway, WA

Data Updated at 3/27/2024 8:32:58 AM

| Analytical Method | Analyte                       | Screening Value MTCA        | S042                            | S046                            | S047            | S048          |
|-------------------|-------------------------------|-----------------------------|---------------------------------|---------------------------------|-----------------|---------------|
|                   |                               |                             | D17-4; approximately 5' scrape. | B14-3; Approximately 4' scrape. | C18-4 6ft       | C17-3 6ft     |
|                   |                               |                             | 3/5/2024                        | 3/5/2024                        | 3/6/2024        | 3/6/2024      |
|                   |                               |                             | MTWA0305S042                    | MTWA0305S046                    | MTWA0306S047    | MTWA0306S048  |
| 8260D             | Benzene                       | 30 µg/kg <sup>1</sup>       | 2,600 µg/kg                     | 1,450 µg/kg                     | < 19.6 µg/kg    | 265 µg/kg     |
|                   | Ethylbenzene                  | 6000 µg/kg <sup>1</sup>     | 156,000 µg/kg                   | 72,500 µg/kg                    | 39,100 µg/kg    | 14,100 µg/kg  |
|                   | Toluene                       | 7000 µg/kg <sup>1</sup>     | 6,060 µg/kg                     | 214,000 µg/kg                   | 757 µg/kg       | 466 µg/kg     |
|                   | Xylenes, Total                | 9000 µg/kg <sup>1</sup>     | 877,000 µg/kg                   | 432,000 µg/kg                   | 186,000 µg/kg   | 21,100 µg/kg  |
| NWTPHDX-SGT       | Diesel Range Organics (DRO)   | 2000000 µg/kg <sup>1</sup>  | 3,050,000 µg/kg (V)             | 9,670 µg/kg                     | 590,000 µg/kg   | 222,000 µg/kg |
|                   | Residual Range Organics (RRO) | 2000000 µg/kg <sup>1*</sup> | 41,600 µg/kg                    | < 3,520 µg/kg                   | < 17,100 µg/kg  | < 4,380 µg/kg |
| NWTPHGX           | Gasoline Range Organics-NWTPH | 30000 µg/kg <sup>1</sup>    | 7,400,000 µg/kg                 | 1,750,000 µg/kg                 | 1,840,000 µg/kg | 488,000 µg/kg |

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- Detection
- Detection > Screening Value
- Non-detection

Preliminary Laboratory Results | Soil

PROJ-032692 | Olympic Pipeline Gasoline Spill - Conway, WA

Data Updated at 3/27/2024 8:32:58 AM

| Analytical Method | Analyte                       | Screening Value MTCA        | S049            | S050                            |                  | S051                            |
|-------------------|-------------------------------|-----------------------------|-----------------|---------------------------------|------------------|---------------------------------|
|                   |                               |                             | C16-1 6ft       | C15-5; Approximately 6' scrape. |                  | C14-1; Approximately 6' scrape. |
|                   |                               |                             | 3/6/2024        | 3/7/2024                        |                  | 3/7/2024                        |
|                   |                               |                             | MTWA0306S049    | MTWA0307C050                    | MTWA0307S050     | MTWA0307S051                    |
| 8260D             | Benzene                       | 30 µg/kg <sup>1</sup>       | 290 µg/kg       | 542 µg/kg                       | 442 µg/kg        | 72.6 µg/kg                      |
|                   | Ethylbenzene                  | 6000 µg/kg <sup>1</sup>     | 50,000 µg/kg    | 29.4 µg/kg                      | 46.5 µg/kg       | 66.1 µg/kg                      |
|                   | Toluene                       | 7000 µg/kg <sup>1</sup>     | 40,200 µg/kg    | 41.6 µg/kg                      | 89 µg/kg         | 283 µg/kg                       |
|                   | Xylenes, Total                | 9000 µg/kg <sup>1</sup>     | 240,000 µg/kg   | 299 µg/kg                       | 338 µg/kg        | 85.2 µg/kg                      |
| NWTPHDX-SGT       | Diesel Range Organics (DRO)   | 2000000 µg/kg <sup>1</sup>  | 1,030,000 µg/kg | < 2,750 µg/kg                   | < 2,130 µg/kg    | 5,060 µg/kg                     |
|                   | Residual Range Organics (RRO) | 2000000 µg/kg <sup>1*</sup> | < 70,900 µg/kg  | < 6,890 µg/kg                   | < 5,330 µg/kg    | < 3,930 µg/kg                   |
| NWTPHGX           | Gasoline Range Organics-NWTPH | 30000 µg/kg <sup>1</sup>    | 1,900,000 µg/kg | 39,700 µg/kg (B)                | 28,500 µg/kg (B) | 10,100 µg/kg (B)                |

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- Detection
- Detection > Screening Value
- Non-detection

Preliminary Laboratory Results | Soil

PROJ-032692 | Olympic Pipeline Gasoline Spill - Conway, WA

Data Updated at 3/27/2024 8:32:58 AM

| Analytical Method | Analyte                       | Screening Value MTCA        | S052                            | S053            | S054                                | S055                                |
|-------------------|-------------------------------|-----------------------------|---------------------------------|-----------------|-------------------------------------|-------------------------------------|
|                   |                               |                             | D13-5; Approximately 6' scrape. | C13-4 7.9 ft    | D16 East Sidewall 2ft below surface | D16 East Sidewall 4ft below surface |
|                   |                               |                             | 3/7/2024                        | 3/8/2024        | 3/8/2024                            | 3/8/2024                            |
|                   |                               |                             | MTWA0307S052                    | MTWA0308S053    | MTWA0308S054                        | MTWA0308S055                        |
| 8260D             | Benzene                       | 30 µg/kg <sup>1</sup>       | < 0.982 µg/kg                   | 3.02 µg/kg      | < 0.636 µg/kg                       | < 0.799 µg/kg                       |
|                   | Ethylbenzene                  | 6000 µg/kg <sup>1</sup>     | < 1.55 µg/kg                    | 7.1 µg/kg       | < 1 µg/kg                           | < 1.26 µg/kg                        |
|                   | Toluene                       | 7000 µg/kg <sup>1</sup>     | < 2.73 µg/kg                    | 42.9 µg/kg      | < 1.77 µg/kg                        | 2.41 µg/kg (J)                      |
|                   | Xylenes, Total                | 9000 µg/kg <sup>1</sup>     | 7.82 µg/kg (BJ)                 | 27.5 µg/kg      | < 1.2 µg/kg                         | < 1.51 µg/kg                        |
| NWTPHDX-SGT       | Diesel Range Organics (DRO)   | 2000000 µg/kg <sup>1</sup>  | < 2,010 µg/kg                   | 13,600 µg/kg    | < 1,550 µg/kg                       | < 1,770 µg/kg                       |
|                   | Residual Range Organics (RRO) | 2000000 µg/kg <sup>1*</sup> | < 5,030 µg/kg                   | < 3,880 µg/kg   | < 3,890 µg/kg                       | < 4,440 µg/kg                       |
| NWTPHGX           | Gasoline Range Organics-NWTPH | 30000 µg/kg <sup>1</sup>    | 2,500 µg/kg (BJ)                | 6,560 µg/kg (B) | 2,200 µg/kg (BJ)                    | 2,440 µg/kg (BJ)                    |

<sup>1</sup> Washington State Model Toxic Control Act (MTCA) - Method A Soil Cleanup Levels for Unrestricted Land Use

\* Cleanup Level for Heavy Oils

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- Detection
- Detection > Screening Value
- Non-detection

Preliminary Laboratory Results | Soil

PROJ-032692 | Olympic Pipeline Gasoline Spill - Conway, WA

Data Updated at 3/27/2024 8:32:58 AM

| Analytical Method | Analyte                       | Screening Value MTCA        | S056                                | S057                                | S058             |                 |
|-------------------|-------------------------------|-----------------------------|-------------------------------------|-------------------------------------|------------------|-----------------|
|                   |                               |                             | D15 East Sidewall 2ft below surface | D15 East sidewalk 2ft below surface | B19-T            |                 |
|                   |                               |                             | 3/8/2024                            | 3/8/2024                            | 3/8/2024         |                 |
|                   |                               |                             | MTWA0308S056                        | MTWA0308S057                        | MTWA0308C058     | MTWA0308S058    |
| 8260D             | Benzene                       | 30 µg/kg <sup>1</sup>       | < 0.755 µg/kg                       | < 0.841 µg/kg                       | < 0.519 µg/kg    | < 0.63 µg/kg    |
|                   | Ethylbenzene                  | 6000 µg/kg <sup>1</sup>     | < 1.19 µg/kg                        | < 1.33 µg/kg                        | 2.65 µg/kg (J)   | 3.05 µg/kg (J)  |
|                   | Toluene                       | 7000 µg/kg <sup>1</sup>     | 2.49 µg/kg (J)                      | 4.01 µg/kg (J)                      | 3.22 µg/kg (J)   | 10.3 µg/kg      |
|                   | Xylenes, Total                | 9000 µg/kg <sup>1</sup>     | < 1.42 µg/kg                        | 7.31 µg/kg (J)                      | 6.87 µg/kg (J)   | 17.1 µg/kg      |
| NWTPHDX-SGT       | Diesel Range Organics (DRO)   | 2000000 µg/kg <sup>1</sup>  | < 1,720 µg/kg                       | < 1,860 µg/kg                       | 12,100 µg/kg     | 4,290 µg/kg (J) |
|                   | Residual Range Organics (RRO) | 2000000 µg/kg <sup>1*</sup> | < 4,300 µg/kg                       | < 4,650 µg/kg                       | < 3,510 µg/kg    | < 3,890 µg/kg   |
| NWTPHGX           | Gasoline Range Organics-NWTPH | 30000 µg/kg <sup>1</sup>    | 2,340 µg/kg (BJ)                    | 2,900 µg/kg (BJ)                    | 11,500 µg/kg (B) | 8,150 µg/kg (B) |

<sup>1</sup> Washington State Model Toxic Control Act (MTCA) - Method A Soil Cleanup Levels for Unrestricted Land Use

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- Detection
- Detection > Screening Value
- Non-detection

Preliminary Laboratory Results | Soil

PROJ-032692 | Olympic Pipeline Gasoline Spill - Conway, WA

Data Updated at 3/27/2024 8:32:58 AM

| Analytical Method | Analyte                       | Screening Value MTCA        | S059             | S060             | S061                | S062          |
|-------------------|-------------------------------|-----------------------------|------------------|------------------|---------------------|---------------|
|                   |                               |                             | B19-5            | C19-5            | B18-1 5.7ft         | B17-2 4.6ft   |
|                   |                               |                             | 3/8/2024         | 3/8/2024         | 3/9/2024            | 3/9/2024      |
|                   |                               |                             | MTWA0308S059     | MTWA0308S060     | MTWA0309S061        | MTWA0309S062  |
|                   |                               |                             |                  |                  |                     |               |
| 8260D             | Benzene                       | 30 µg/kg <sup>1</sup>       | < 0.519 µg/kg    | < 0.897 µg/kg    | 1.58 µg/kg          | 2.85 µg/kg    |
|                   | Ethylbenzene                  | 6000 µg/kg <sup>1</sup>     | 0.835 µg/kg (J)  | < 1.42 µg/kg     | 267 µg/kg           | 300 µg/kg     |
|                   | Toluene                       | 7000 µg/kg <sup>1</sup>     | 1.99 µg/kg (J)   | 3.11 µg/kg (J)   | 15.1 µg/kg          | 14.2 µg/kg    |
|                   | Xylenes, Total                | 9000 µg/kg <sup>1</sup>     | 3.58 µg/kg (J)   | 1.96 µg/kg (J)   | 531 µg/kg           | 292 µg/kg     |
| NWTPHDX-SGT       | Diesel Range Organics (DRO)   | 2000000 µg/kg <sup>1</sup>  | < 1,400 µg/kg    | 2,210 µg/kg (J)  | 995,000 µg/kg (J3V) | 32,000 µg/kg  |
|                   | Residual Range Organics (RRO) | 2000000 µg/kg <sup>1*</sup> | < 3,510 µg/kg    | < 4,720 µg/kg    | 13,000 µg/kg        | < 3,910 µg/kg |
| NWTPHGX           | Gasoline Range Organics-NWTPH | 30000 µg/kg <sup>1</sup>    | 2,040 µg/kg (BJ) | 2,930 µg/kg (BJ) | 68,700 µg/kg        | 29,200 µg/kg  |

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O1: The analyte failed the method required serial dilution test and/or subsequent post-spike criteria. These failures indicate matrix interference.

Detection

Detection > Screening Value

Non-detection

Preliminary Laboratory Results | Soil

PROJ-032692 | Olympic Pipeline Gasoline Spill - Conway, WA

Data Updated at 3/27/2024 8:32:58 AM

| Analytical Method | Analyte                       | Screening Value MTCA        | S063          | S064            | S065            | S066                |
|-------------------|-------------------------------|-----------------------------|---------------|-----------------|-----------------|---------------------|
|                   |                               |                             | B16-1 4.3ft   | B15-1 4.3ft     | B14-1 5.1ft     | E14 E side wall 2ft |
|                   |                               |                             | 3/9/2024      | 3/9/2024        | 3/9/2024        | 3/10/2024           |
|                   |                               |                             | MTWA0309S063  | MTWA0309S064    | MTWA0309S065    | MTWA0310S066        |
| 8260D             | Benzene                       | 30 µg/kg <sup>1</sup>       | 84 µg/kg      | 112 µg/kg       | 72.9 µg/kg      | 12.2 µg/kg          |
|                   | Ethylbenzene                  | 6000 µg/kg <sup>1</sup>     | 162 µg/kg     | 154 µg/kg       | 626 µg/kg       | 31.3 µg/kg          |
|                   | Toluene                       | 7000 µg/kg <sup>1</sup>     | 1,240 µg/kg   | 2,080 µg/kg     | 2,090 µg/kg     | 314 µg/kg           |
|                   | Xylenes, Total                | 9000 µg/kg <sup>1</sup>     | 569 µg/kg     | 876 µg/kg       | 3,430 µg/kg     | 985 µg/kg           |
| NWTPHDX-SGT       | Diesel Range Organics (DRO)   | 2000000 µg/kg <sup>1</sup>  | < 1,520 µg/kg | 1,940 µg/kg (J) | 3,430 µg/kg (J) | < 1,460 µg/kg       |
|                   | Residual Range Organics (RRO) | 2000000 µg/kg <sup>1*</sup> | < 3,810 µg/kg | < 3,770 µg/kg   | < 3,620 µg/kg   | < 3,660 µg/kg       |
| NWTPHGX           | Gasoline Range Organics-NWTPH | 30000 µg/kg <sup>1</sup>    | 7,060 µg/kg   | 18,600 µg/kg    | 30,700 µg/kg    | 22,800 µg/kg        |

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- Detection
- Detection > Screening Value
- Non-detection

Preliminary Laboratory Results | Soil

PROJ-032692 | Olympic Pipeline Gasoline Spill - Conway, WA

Data Updated at 3/27/2024 8:32:58 AM

| Analytical Method | Analyte | Screening Value MTCA | S067                | S068            |                 | S069          |
|-------------------|---------|----------------------|---------------------|-----------------|-----------------|---------------|
|                   |         |                      | E14 E side wall 4ft | A18-5 4.4ft     |                 | A17-5 4.4 ft  |
|                   |         |                      | 3/10/2024           | 3/14/2024       |                 | 3/14/2024     |
| 8260D             |         |                      | MTWA0310S067        | MTWA0314C068    | MTWA0314S068    | MTWA0314S069  |
|                   |         |                      | 5.33 µg/kg          | 1.71 µg/kg      | 1.43 µg/kg      | 14.3 µg/kg    |
|                   |         |                      | 17.3 µg/kg          | 165 µg/kg       | 204 µg/kg       | 62.7 µg/kg    |
|                   |         |                      | 68.3 µg/kg          | 107 µg/kg       | 107 µg/kg       | 494 µg/kg     |
|                   |         |                      | 134 µg/kg           | 437 µg/kg       | 563 µg/kg       | 551 µg/kg     |
| NWTPHDX-SGT       |         |                      | < 1,690 µg/kg       | 1,560 µg/kg (J) | 2,330 µg/kg (J) | < 1,440 µg/kg |
|                   |         |                      | < 4,220 µg/kg       | < 3,780 µg/kg   | < 3,820 µg/kg   | < 3,620 µg/kg |
| NWTPHGX           |         |                      | 1,930 µg/kg (J)     | 15,700 µg/kg    | 25,300 µg/kg    | 12,800 µg/kg  |

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- Detection
- Detection > Screening Value
- Non-detection

Preliminary Laboratory Results | Soil

PROJ-032692 | Olympic Pipeline Gasoline Spill - Conway, WA

Data Updated at 3/27/2024 8:32:58 AM

| Analytical Method | Analyte                       | Screening Value MTCA        | S070          | S071            | S072          | S073          |
|-------------------|-------------------------------|-----------------------------|---------------|-----------------|---------------|---------------|
|                   |                               |                             | A17-3 4.4ft   | A19-5           | A16-2 4.4ft   | A15-5 4.4ft   |
|                   |                               |                             | 3/15/2024     | 3/15/2024       | 3/15/2024     | 3/15/2024     |
|                   |                               |                             | MTWA0315S070  | MTWA0315S071    | MTWA0315S072  | MTWA0315S073  |
| 8260D             | Benzene                       | 30 µg/kg <sup>1</sup>       | 9.56 µg/kg    | 1.34 µg/kg (J)  | 67.4 µg/kg    | 935 µg/kg     |
|                   | Ethylbenzene                  | 6000 µg/kg <sup>1</sup>     | 24.1 µg/kg    | 2.34 µg/kg (J)  | 175 µg/kg     | 855 µg/kg     |
|                   | Toluene                       | 7000 µg/kg <sup>1</sup>     | 263 µg/kg     | 6.46 µg/kg (J)  | 1,910 µg/kg   | 12,700 µg/kg  |
|                   | Xylenes, Total                | 9000 µg/kg <sup>1</sup>     | 169 µg/kg     | 14 µg/kg        | 884 µg/kg     | 3,930 µg/kg   |
| NWTPHDX-SGT       | Diesel Range Organics (DRO)   | 2000000 µg/kg <sup>1</sup>  | < 1,430 µg/kg | < 1,670 µg/kg   | < 1,460 µg/kg | 5,290 µg/kg   |
|                   | Residual Range Organics (RRO) | 2000000 µg/kg <sup>1*</sup> | < 3,580 µg/kg | < 4,190 µg/kg   | < 3,660 µg/kg | < 3,840 µg/kg |
| NWTPHGX           | Gasoline Range Organics-NWTPH | 30000 µg/kg <sup>1</sup>    | 5,840 µg/kg   | 1,540 µg/kg (J) | 4,530 µg/kg   | 15,600 µg/kg  |

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Detection

Detection > Screening Value

Non-detection

Preliminary Laboratory Results | Soil

PROJ-032692 | Olympic Pipeline Gasoline Spill - Conway, WA

Data Updated at 3/27/2024 8:32:58 AM

| Analytical Method | Analyte                       | Screening Value MTCA        | S074            | S075          | S076          | S077            |
|-------------------|-------------------------------|-----------------------------|-----------------|---------------|---------------|-----------------|
|                   |                               |                             | A14-5 4.4ft     | A13-2 4.4 ft  | A12-5 5.0ft   | A12-4 2ft       |
|                   |                               |                             | 3/15/2024       | 3/15/2024     | 3/16/2024     | 3/16/2024       |
|                   |                               |                             | MTWA0315S074    | MTWA0315S075  | MTWA0316S076  | MTWA0316S077    |
| 8260D             | Benzene                       | 30 µg/kg <sup>1</sup>       | 9.48 µg/kg      | 74.6 µg/kg    | 28 µg/kg      | 195 µg/kg       |
|                   | Ethylbenzene                  | 6000 µg/kg <sup>1</sup>     | 21.4 µg/kg      | 75.9 µg/kg    | 51.2 µg/kg    | 40.5 µg/kg      |
|                   | Toluene                       | 7000 µg/kg <sup>1</sup>     | 212 µg/kg       | 1,060 µg/kg   | 302 µg/kg     | 10.8 µg/kg (J)  |
|                   | Xylenes, Total                | 9000 µg/kg <sup>1</sup>     | 122 µg/kg       | 466 µg/kg     | 347 µg/kg     | 71.6 µg/kg      |
| NWTPHDX-SGT       | Diesel Range Organics (DRO)   | 2000000 µg/kg <sup>1</sup>  | 1,530 µg/kg (J) | 8,210 µg/kg   | < 1,670 µg/kg | < 3,560 µg/kg   |
|                   | Residual Range Organics (RRO) | 2000000 µg/kg <sup>1*</sup> | 3,670 µg/kg (J) | < 3,630 µg/kg | < 4,190 µg/kg | < 8,890 µg/kg   |
| NWTPHGX           | Gasoline Range Organics-NWTPH | 30000 µg/kg <sup>1</sup>    | 2,850 µg/kg (J) | 15,500 µg/kg  | 12,300 µg/kg  | 4,810 µg/kg (J) |

<sup>1</sup> Washington State Model Toxic Control Act (MTCA) - Method A Soil Cleanup Levels for Unrestricted Land Use

\* Cleanup Level for Heavy Oils

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit (MDL).

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below:

J: Result is estimated between the laboratory method detection limit and reporting limit.

B: The same analyte is found in the associated blank.

DNI: Did not ignite

O1: The analyte failed the method required serial dilution test and/or subsequent post-spike criteria. These failures indicate matrix interference.

Detection

Detection > Screening Value

Non-detection

Preliminary Laboratory Results | Soil

PROJ-032692 | Olympic Pipeline Gasoline Spill - Conway, WA

Data Updated at 3/27/2024 8:32:58 AM

| Analytical Method | Analyte                       | Screening Value MTCA        | S078             |                  | S079          | S080          |
|-------------------|-------------------------------|-----------------------------|------------------|------------------|---------------|---------------|
|                   |                               |                             | A12-4 4ft        |                  | B13-2 4.7ft   | B12-4 6.3ft   |
|                   |                               |                             | 3/16/2024        |                  | 3/16/2024     | 3/16/2024     |
|                   |                               |                             | MTWA0316C078     | MTWA0316S078     | MTWA0316S079  | MTWA0316S080  |
| 8260D             | Benzene                       | 30 µg/kg <sup>1</sup>       | 20.6 µg/kg       | 60.3 µg/kg       | 23.6 µg/kg    | 19.4 µg/kg    |
|                   | Ethylbenzene                  | 6000 µg/kg <sup>1</sup>     | < 4.73 µg/kg     | < 4.86 µg/kg     | 26.8 µg/kg    | 29.5 µg/kg    |
|                   | Toluene                       | 7000 µg/kg <sup>1</sup>     | 14.3 µg/kg (J)   | 34.5 µg/kg       | 182 µg/kg     | 55.2 µg/kg    |
|                   | Xylenes, Total                | 9000 µg/kg <sup>1</sup>     | 36.1 µg/kg (J)   | 132 µg/kg        | 85.9 µg/kg    | 114 µg/kg     |
| NWTPHDX-SGT       | Diesel Range Organics (DRO)   | 2000000 µg/kg <sup>1</sup>  | < 6,100 µg/kg    | < 6,530 µg/kg    | < 1,480 µg/kg | 97,900 µg/kg  |
|                   | Residual Range Organics (RRO) | 2000000 µg/kg <sup>1*</sup> | < 15,300 µg/kg   | 25,300 µg/kg (J) | < 3,700 µg/kg | < 3,750 µg/kg |
| NWTPHGX           | Gasoline Range Organics-NWTPH | 30000 µg/kg <sup>1</sup>    | 13,500 µg/kg (J) | 19,700 µg/kg     | 3,250 µg/kg   | 12,600 µg/kg  |

<sup>1</sup> Washington State Model Toxic Control Act (MTCA) - Method A Soil Cleanup Levels for Unrestricted Land Use

\* Cleanup Level for Heavy Oils

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit (MDL).

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below:

J: Result is estimated between the laboratory method detection limit and reporting limit.

B: The same analyte is found in the associated blank.

DNI: Did not ignite

O1: The analyte failed the method required serial dilution test and/or subsequent post-spike criteria. These failures indicate matrix interference.

Detection

Detection > Screening Value

Non-detection

Preliminary Laboratory Results | Soil

PROJ-032692 | Olympic Pipeline Gasoline Spill - Conway, WA

Data Updated at 3/27/2024 8:32:58 AM

| Analytical Method | Analyte                       | Screening Value MTCA        | S081            | S082          | S083             | S084             |
|-------------------|-------------------------------|-----------------------------|-----------------|---------------|------------------|------------------|
|                   |                               |                             | C12-5 5.1ft     | D12-5 8.3ft   | E13 sidewall 2ft | E13 E wall 4ft   |
|                   |                               |                             | 3/18/2024       | 3/18/2024     | 3/18/2024        | 3/18/2024        |
|                   |                               |                             | MTWA0318S081    | MTWA0318S082  | MTWA0318S083     | MTWA0318S084     |
| 8260D             | Benzene                       | 30 µg/kg <sup>1</sup>       | 1.13 µg/kg (J)  | 86 µg/kg      | < 1.04 µg/kg     | < 0.895 µg/kg    |
|                   | Ethylbenzene                  | 6000 µg/kg <sup>1</sup>     | 14.1 µg/kg      | 1,040 µg/kg   | < 1.64 µg/kg     | < 1.41 µg/kg     |
|                   | Toluene                       | 7000 µg/kg <sup>1</sup>     | 3.36 µg/kg (J)  | 6,560 µg/kg   | 4.88 µg/kg (J)   | 3.4 µg/kg (J)    |
|                   | Xylenes, Total                | 9000 µg/kg <sup>1</sup>     | 19.6 µg/kg      | 9,960 µg/kg   | 8.22 µg/kg (J)   | 6.87 µg/kg (J)   |
| NWTPHDX-SGT       | Diesel Range Organics (DRO)   | 2000000 µg/kg <sup>1</sup>  | < 1,480 µg/kg   | < 1,750 µg/kg | < 1,700 µg/kg    | < 1,890 µg/kg    |
|                   | Residual Range Organics (RRO) | 2000000 µg/kg <sup>1*</sup> | < 3,710 µg/kg   | < 4,370 µg/kg | < 4,250 µg/kg    | < 4,740 µg/kg    |
| NWTPHGX           | Gasoline Range Organics-NWTPH | 30000 µg/kg <sup>1</sup>    | 3,910 µg/kg (B) | 107,000 µg/kg | 2,610 µg/kg (BJ) | 2,050 µg/kg (BJ) |

<sup>1</sup> Washington State Model Toxic Control Act (MTCA) - Method A Soil Cleanup Levels for Unrestricted Land Use

\* Cleanup Level for Heavy Oils

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit (MDL).

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below:

J: Result is estimated between the laboratory method detection limit and reporting limit.

B: The same analyte is found in the associated blank.

DNI: Did not ignite

O1: The analyte failed the method required serial dilution test and/or subsequent post-spike criteria. These failures indicate matrix interference.

Detection

Detection > Screening Value

Non-detection

Preliminary Laboratory Results | Soil

PROJ-032692 | Olympic Pipeline Gasoline Spill - Conway, WA

Data Updated at 3/27/2024 8:32:58 AM

| Analytical Method | Analyte                       | Screening Value MTCA        | S087             | S088             |                  | S089           |
|-------------------|-------------------------------|-----------------------------|------------------|------------------|------------------|----------------|
|                   |                               |                             | E11-5            | E14-5 9.65ft     |                  | E13-5          |
|                   |                               |                             | 3/19/2024        | 3/19/2024        |                  | 3/19/2024      |
|                   |                               |                             | MTWA0319S087     | MTWA0319C088     | MTWA0319S088     | MTWA0319S089   |
| 8260D             | Benzene                       | 30 µg/kg <sup>1</sup>       | < 0.955 µg/kg    | 27.6 µg/kg       | 24.5 µg/kg       | < 0.72 µg/kg   |
|                   | Ethylbenzene                  | 6000 µg/kg <sup>1</sup>     | 30.7 µg/kg       | 39.9 µg/kg       | 22 µg/kg         | 1.6 µg/kg (J)  |
|                   | Toluene                       | 7000 µg/kg <sup>1</sup>     | 61.6 µg/kg       | 93 µg/kg         | 49.2 µg/kg       | 4.16 µg/kg (J) |
|                   | Xylenes, Total                | 9000 µg/kg <sup>1</sup>     | 183 µg/kg        | 242 µg/kg        | 144 µg/kg        | 14.9 µg/kg     |
| NWTPHDX-SGT       | Diesel Range Organics (DRO)   | 2000000 µg/kg <sup>1</sup>  | < 1,980 µg/kg    | < 1,770 µg/kg    | < 1,760 µg/kg    | < 1,660 µg/kg  |
|                   | Residual Range Organics (RRO) | 2000000 µg/kg <sup>1*</sup> | < 4,970 µg/kg    | < 4,430 µg/kg    | < 4,400 µg/kg    | < 4,160 µg/kg  |
| NWTPHGX           | Gasoline Range Organics-NWTPH | 30000 µg/kg <sup>1</sup>    | 1,890 µg/kg (BJ) | 1,780 µg/kg (BJ) | 1,830 µg/kg (BJ) | < 1,310 µg/kg  |

<sup>1</sup> Washington State Model Toxic Control Act (MTCA) - Method A Soil Cleanup Levels for Unrestricted Land Use

\* Cleanup Level for Heavy Oils

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit (MDL).

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below:

J: Result is estimated between the laboratory method detection limit and reporting limit.

B: The same analyte is found in the associated blank.

DNI: Did not ignite

O1: The analyte failed the method required serial dilution test and/or subsequent post-spike criteria. These failures indicate matrix interference.

- Detection
- Detection > Screening Value
- Non-detection

**APPENDIX B**

**Soil Boring Logs**



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# BORING NUMBER WSP-B-1

PAGE 1 OF 1

|                      |                                           |                         |                                 |
|----------------------|-------------------------------------------|-------------------------|---------------------------------|
| CLIENT               | BP                                        | PROJECT NAME            | BP-Soil Investigation-Conway,WA |
| PROJECT NUMBER       | CW203383-1.7137                           | PROJECT LOCATION        | Conway, WA                      |
| DATE STARTED         | 4/11/24                                   | COMPLETED               | 4/11/24                         |
| DRILLING CONTRACTOR  | Cascade Drilling                          | GROUND ELEVATION        | 11.32 ft NAVD88                 |
| DRILLING METHOD      | DPT                                       | HOLE SIZE               | 2"                              |
| LOGGED BY            | L. Glaser                                 | CHECKED BY              | D. Tully                        |
| NOTES                | N48° 20' 31.05", W122° 19' 21.57" (NAD83) |                         |                                 |
| GROUND WATER LEVELS: |                                           | AT TIME OF DRILLING --- |                                 |
|                      |                                           | AT END OF DRILLING ---  |                                 |
|                      |                                           | AFTER DRILLING ---      |                                 |

ENVIRONMENTAL BH - GINT STD US.GDT - 5/21/24 15:56 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINT\PROJECTS\GINT STD US.GPJ

| DEPTH<br>(ft) | SAMPLE TYPE<br>NUMBER | BLOW<br>COUNTS<br>(N VALUE) | ENVIRONMENTAL<br>DATA (PPM) | GRAPHIC<br>LOG | MATERIAL DESCRIPTION                                                                                | WELL DIAGRAM |
|---------------|-----------------------|-----------------------------|-----------------------------|----------------|-----------------------------------------------------------------------------------------------------|--------------|
| 0             |                       |                             |                             |                |                                                                                                     |              |
|               |                       |                             | PID = 0.2                   |                | Dark fill.                                                                                          |              |
|               |                       |                             | PID = 0.2                   |                |                                                                                                     |              |
|               | WSP-B-1-4'            |                             |                             |                |                                                                                                     |              |
| 5             |                       |                             | PID = 0.1                   |                | (GW) GRAVEL w/ SAND: wet, 3% silt, 22% sand, 75% fine to medium gravel.                             |              |
|               | WSP-B-1-6'            |                             |                             |                |                                                                                                     |              |
|               |                       |                             | PID = 0.8                   |                | (CH) FAT CLAY: grey mottled (10Y/5/1), moist to wet, 90% clay, 10% silt, medium to high plasticity. |              |
|               | WSP-B-1-8'            |                             |                             |                |                                                                                                     |              |
| 10            |                       |                             | PID = 0.2                   |                | Blue (10Y/5/1 to 10BG/2.5/1), 95% clay, 5% silt, high plasticity.                                   |              |
|               |                       |                             | PID = 0.3                   |                |                                                                                                     |              |
|               |                       |                             | PID = 0.3                   |                |                                                                                                     |              |
| 15            |                       |                             |                             |                |                                                                                                     |              |

Bottom of borehole at 15.0 feet.



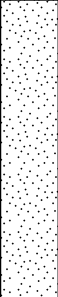
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Roseville, CA 95678

# BORING NUMBER WSP-B-2

PAGE 1 OF 1

|                      |                                           |                         |                                 |
|----------------------|-------------------------------------------|-------------------------|---------------------------------|
| CLIENT               | BP                                        | PROJECT NAME            | BP-Soil Investigation-Conway,WA |
| PROJECT NUMBER       | CW203383-1.7137                           | PROJECT LOCATION        | Conway, WA                      |
| DATE STARTED         | 4/11/24                                   | COMPLETED               | 4/11/24                         |
| DRILLING CONTRACTOR  | Cascade Drilling                          | GROUND ELEVATION        | 11.6 ft NAVD88                  |
| DRILLING METHOD      | DPT                                       | HOLE SIZE               | 2"                              |
| LOGGED BY            | L. Glaser                                 | CHECKED BY              | D. Tully                        |
| NOTES                | N48° 20' 30.83", W122° 19' 21.86" (NAD83) |                         |                                 |
| GROUND WATER LEVELS: |                                           | AT TIME OF DRILLING --- |                                 |
|                      |                                           | AT END OF DRILLING ---  |                                 |
|                      |                                           | AFTER DRILLING ---      |                                 |

ENVIRONMENTAL BH - GINT STD US.GDT - 5/21/24 15:57 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINT\CLPROJECTS\GINT STD US.GPJ

| DEPTH<br>(ft) | SAMPLE TYPE<br>NUMBER | BLOW<br>COUNTS<br>(N VALUE) | ENVIRONMENTAL<br>DATA (PPM) | GRAPHIC<br>LOG                                                                      | MATERIAL DESCRIPTION                                                                                      | WELL DIAGRAM |
|---------------|-----------------------|-----------------------------|-----------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--------------|
| 0             |                       |                             |                             |                                                                                     |                                                                                                           |              |
|               |                       |                             | PID = 3.4                   |    | Dark fill.                                                                                                |              |
|               |                       |                             | PID = 6                     |   | (SM) SILTY SAND: dry to moist, 25% silt, 60% medium to coarse sand, 15% gravel, nonplastic, petrol smell. |              |
| 5             |                       |                             | PID = 481.4                 |  |                                                                                                           |              |
|               |                       |                             | PID = 61.7                  |  | (CH) FAT CLAY: grey (10Y/5/1), wet, 98% clay, 2% silt, high plasticity.                                   |              |
|               |                       |                             | PID = 48.9                  |  |                                                                                                           |              |
| 10            | WSP-B-2-10'           |                             | PID = 43                    |  |                                                                                                           |              |
|               | WSP-B-2-12'           |                             | PID = 31.5                  |  | Color change (10BG/4/1).                                                                                  |              |
|               | WSP-B-2-15'           |                             |                             |  |                                                                                                           |              |
| 15            |                       |                             |                             |                                                                                     |                                                                                                           |              |

Bottom of borehole at 15.0 feet.



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# BORING NUMBER WSP-B-3

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|                      |                                           |                         |                                 |
|----------------------|-------------------------------------------|-------------------------|---------------------------------|
| CLIENT               | BP                                        | PROJECT NAME            | BP-Soil Investigation-Conway,WA |
| PROJECT NUMBER       | CW203383-1.7137                           | PROJECT LOCATION        | Conway, WA                      |
| DATE STARTED         | 4/11/24                                   | COMPLETED               | 4/11/24                         |
| DRILLING CONTRACTOR  | Cascade Drilling                          | GROUND ELEVATION        | 13.07 ft NAVD88                 |
| DRILLING METHOD      | DPT                                       | HOLE SIZE               | 2"                              |
| LOGGED BY            | L. Glaser                                 | CHECKED BY              | D. Tully                        |
| NOTES                | N48° 20' 30.69", W122° 19' 21.56" (NAD83) |                         |                                 |
| GROUND WATER LEVELS: |                                           | AT TIME OF DRILLING --- |                                 |
|                      |                                           | AT END OF DRILLING ---  |                                 |
|                      |                                           | AFTER DRILLING ---      |                                 |

| DEPTH<br>(ft) | SAMPLE TYPE<br>NUMBER | BLOW<br>COUNTS<br>(N VALUE) | ENVIRONMENTAL<br>DATA (PPM) | GRAPHIC<br>LOG | MATERIAL DESCRIPTION                                                                              | WELL DIAGRAM |
|---------------|-----------------------|-----------------------------|-----------------------------|----------------|---------------------------------------------------------------------------------------------------|--------------|
| 0             |                       |                             |                             |                |                                                                                                   |              |
|               |                       |                             | PID = 3.58                  |                | Dark fill.                                                                                        |              |
|               |                       |                             | PID = 209                   |                |                                                                                                   |              |
|               |                       |                             | PID = 15.2                  |                |                                                                                                   |              |
|               |                       |                             | PID = 5.6                   |                | (GW) GRAVEL: dry to moist, 5% silt, 20% sand, 75% subangular, fine to medium, gravel, nonplastic. |              |
| 5             |                       |                             | PID = 438.1                 |                |                                                                                                   |              |
|               |                       |                             | PID = 85                    |                | (CH) FAT CLAY: brown (10YR/4/3) mottled (10Y/5/1), moist, 98% clay, 2% silt.                      |              |
|               | WSP-B-3-8'            |                             |                             |                |                                                                                                   |              |
| 10            |                       |                             | PID = 22.5                  |                | Color change to grey (10Y/5/1), wet, 95% clay, 5% silt.                                           |              |
|               | WSP-B-3-10'           |                             |                             |                |                                                                                                   |              |
|               |                       |                             | PID = 430.7                 |                |                                                                                                   |              |
|               |                       |                             | PID = 85.4                  |                |                                                                                                   |              |
| 15            |                       |                             |                             |                |                                                                                                   |              |
|               | WSP-B-3-15'           |                             |                             |                |                                                                                                   |              |
|               |                       |                             |                             |                | Bottom of borehole at 15.0 feet.                                                                  |              |

ENVIRONMENTAL BH - GINT STD US.GDT - 5/21/24 15:57 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINT\CLPROJECTS\GINT STD US.GPJ



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# BORING NUMBER WSP-B-4

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|                      |                                           |                         |                                 |
|----------------------|-------------------------------------------|-------------------------|---------------------------------|
| CLIENT               | BP                                        | PROJECT NAME            | BP-Soil Investigation-Conway,WA |
| PROJECT NUMBER       | CW203383-1.7137                           | PROJECT LOCATION        | Conway, WA                      |
| DATE STARTED         | 4/11/24                                   | COMPLETED               | 4/11/24                         |
| DRILLING CONTRACTOR  | Cascade Drilling                          | GROUND ELEVATION        | 11.45 ft NAVD88                 |
| DRILLING METHOD      | DPT                                       | HOLE SIZE               | 2"                              |
| LOGGED BY            | L. Glaser                                 | CHECKED BY              | D. Tully                        |
| NOTES                | N48° 20' 30.91", W122° 19' 21.72" (NAD83) |                         |                                 |
| GROUND WATER LEVELS: |                                           | AT TIME OF DRILLING --- |                                 |
|                      |                                           | AT END OF DRILLING ---  |                                 |
|                      |                                           | AFTER DRILLING ---      |                                 |

ENVIRONMENTAL BH - GINT STD US.GDT - 5/21/24 15:57 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINT\CLPROJECTS\GINT STD US.GPJ

| DEPTH<br>(ft) | SAMPLE TYPE<br>NUMBER | BLOW<br>COUNTS<br>(N VALUE) | ENVIRONMENTAL<br>DATA (PPM) | GRAPHIC<br>LOG                                                                      | MATERIAL DESCRIPTION                                                                                         | WELL DIAGRAM |
|---------------|-----------------------|-----------------------------|-----------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|--------------|
| 0             |                       |                             |                             |                                                                                     |                                                                                                              |              |
|               |                       |                             | PID = 209                   |    | Dark fill.                                                                                                   |              |
|               |                       |                             | PID = 5.6                   |   | (SW-SM) SILTY SAND: brown (2.5Y/4/3), wet, 20% silt, 60% subangular to angular sand, 20% gravel, nonplastic. |              |
| 5             |                       |                             | PID = 12.9                  |  | (CH) FAT CLAY: brown (10YR/4/3) mottled (10Y/5/1), wet, 98% clay, 2% silt, high plasticity.                  |              |
|               |                       |                             | PID = 7.2                   |                                                                                     | Grey (10Y/5/1), moist to wet, 95% clay, 5% silt.                                                             |              |
| 10            |                       |                             | PID = 5.6                   |                                                                                     | Mottled brown (10YR/4/3).                                                                                    |              |
|               |                       |                             | PID = 11.9                  |                                                                                     |                                                                                                              |              |
|               |                       |                             | PID = 5.8                   |                                                                                     |                                                                                                              |              |
| 15            |                       |                             |                             |                                                                                     |                                                                                                              |              |

Bottom of borehole at 15.0 feet.



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# BORING NUMBER WSP-B-5

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|                      |                                           |                         |                                 |
|----------------------|-------------------------------------------|-------------------------|---------------------------------|
| CLIENT               | BP                                        | PROJECT NAME            | BP-Soil Investigation-Conway,WA |
| PROJECT NUMBER       | CW203383-1.7137                           | PROJECT LOCATION        | Conway, WA                      |
| DATE STARTED         | 4/11/24                                   | COMPLETED               | 4/11/24                         |
| DRILLING CONTRACTOR  | Cascade Drilling                          | GROUND ELEVATION        | 10.94 ft NAVD88                 |
| DRILLING METHOD      | DPT                                       | HOLE SIZE               | 2"                              |
| LOGGED BY            | L. Glaser                                 | CHECKED BY              | D. Tully                        |
| NOTES                | N48° 20' 31.37", W122° 19' 21.66" (NAD83) |                         |                                 |
| GROUND WATER LEVELS: |                                           | AT TIME OF DRILLING --- |                                 |
|                      |                                           | AT END OF DRILLING ---  |                                 |
|                      |                                           | AFTER DRILLING ---      |                                 |

| DEPTH<br>(ft)                    | SAMPLE TYPE<br>NUMBER | BLOW<br>COUNTS<br>(N VALUE) | ENVIRONMENTAL<br>DATA (PPM) | GRAPHIC<br>LOG | MATERIAL DESCRIPTION                                                                                 | WELL DIAGRAM |
|----------------------------------|-----------------------|-----------------------------|-----------------------------|----------------|------------------------------------------------------------------------------------------------------|--------------|
| 0                                |                       |                             |                             |                |                                                                                                      |              |
|                                  |                       |                             |                             |                | Dark fill, petrol smell.                                                                             |              |
|                                  |                       |                             | PID = 19.9                  | 2.0            | Petrol sheen in fill.                                                                                |              |
|                                  |                       |                             | PID = 998                   | 4.5            |                                                                                                      |              |
| 5                                | WSP-B-5-6'            |                             | PID = 193.8                 |                | (GW) GRAVEL w/ SAND: brown (2.5Y/3/2), wet, 10% silt, 45% sand, 45% gravel, nonplastic.              |              |
|                                  |                       |                             | PID = 15.5                  | 8.0            | (CH) FAT CLAY: grey (10Y/5/1) mottled (10YR/4/3), wet, 98% clay, 2% silt, medium to high plasticity. |              |
| 10                               | WSP-B-5-10'           |                             | PID = 14.5                  |                |                                                                                                      |              |
|                                  |                       |                             | PID = 13.8                  |                | Grey (10Y/5/1).                                                                                      |              |
|                                  |                       |                             | PID = 12.7                  |                |                                                                                                      |              |
| 15                               | WSP-B-5-15'           |                             |                             | 15.0           |                                                                                                      |              |
| Bottom of borehole at 15.0 feet. |                       |                             |                             |                |                                                                                                      |              |

ENVIRONMENTAL BH - GINT STD US.GDT - 5/21/24 15:57 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINT\CLPROJECTS\GINT STD US.GPJ



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# BORING NUMBER WSP-B-6

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|                      |                                           |                         |                                 |
|----------------------|-------------------------------------------|-------------------------|---------------------------------|
| CLIENT               | BP                                        | PROJECT NAME            | BP-Soil Investigation-Conway,WA |
| PROJECT NUMBER       | CW203383-1.7137                           | PROJECT LOCATION        | Conway, WA                      |
| DATE STARTED         | 4/11/24                                   | COMPLETED               | 4/11/24                         |
| DRILLING CONTRACTOR  | Cascade Drilling                          | GROUND ELEVATION        | 11.19 ft NAVD88                 |
| DRILLING METHOD      | DPT                                       | HOLE SIZE               | 2"                              |
| LOGGED BY            | L. Glaser                                 | CHECKED BY              | D. Tully                        |
| NOTES                | N48° 20' 30.95", W122° 19' 22.32" (NAD83) |                         |                                 |
| GROUND WATER LEVELS: |                                           | AT TIME OF DRILLING --- |                                 |
|                      |                                           | AT END OF DRILLING ---  |                                 |
|                      |                                           | AFTER DRILLING ---      |                                 |

ENVIRONMENTAL BH - GINT STD US.GDT - 5/21/24 15:57 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINT\CLPROJECTS\GINT STD US.GPJ

| DEPTH<br>(ft) | SAMPLE TYPE<br>NUMBER | BLOW<br>COUNTS<br>(N VALUE) | ENVIRONMENTAL<br>DATA (PPM) | GRAPHIC<br>LOG | MATERIAL DESCRIPTION                                                                                           | WELL DIAGRAM |
|---------------|-----------------------|-----------------------------|-----------------------------|----------------|----------------------------------------------------------------------------------------------------------------|--------------|
| 0             |                       |                             |                             |                |                                                                                                                |              |
|               |                       |                             |                             |                | Dark fill.                                                                                                     |              |
|               |                       |                             | PID = 21.7                  | 2.5            | (SW-SM) SAND w/ SILT: brown (2.5Y/4/3), wet, 25% silt, 60% angular to subangular sand, 15% gravel, nonplastic. |              |
| 5             |                       |                             | PID = 17.1                  |                |                                                                                                                |              |
|               | WSP-B-6-6'            |                             | PID = 25.2                  | 8.0            | (CH) FAT CLAY: grey (10Y/4/1), moist to wet, 95% clay, 5% silt, medium to high plasticity.                     |              |
| 10            |                       |                             | PID = 34.7                  |                |                                                                                                                |              |
|               | WSP-B-6-12'           |                             | PID = 48.3                  |                | Mottled from 10.5'-13.0', 98% clay, 2% silt.                                                                   |              |
|               |                       |                             | PID = 18.8                  |                |                                                                                                                |              |
| 15            | WSP-B-6-15'           |                             | PID = 15.8                  |                |                                                                                                                |              |

Bottom of borehole at 15.0 feet.



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# BORING NUMBER WSP-B-7

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|                      |                                           |                         |                                 |
|----------------------|-------------------------------------------|-------------------------|---------------------------------|
| CLIENT               | BP                                        | PROJECT NAME            | BP-Soil Investigation-Conway,WA |
| PROJECT NUMBER       | CW203383-1.7137                           | PROJECT LOCATION        | Conway, WA                      |
| DATE STARTED         | 4/11/24                                   | COMPLETED               | 4/11/24                         |
| DRILLING CONTRACTOR  | Cascade Drilling                          | GROUND ELEVATION        | 11.9 ft NAVD88                  |
| DRILLING METHOD      | DPT                                       | HOLE SIZE               | 2"                              |
| LOGGED BY            | G. Busse                                  | CHECKED BY              | D. Tully                        |
| NOTES                | N48° 20' 30.68", W122° 19' 22.63" (NAD83) |                         |                                 |
| GROUND WATER LEVELS: |                                           | AT TIME OF DRILLING --- |                                 |
|                      |                                           | AT END OF DRILLING ---  |                                 |
|                      |                                           | AFTER DRILLING ---      |                                 |

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| DEPTH<br>(ft) | SAMPLE TYPE<br>NUMBER | BLOW<br>COUNTS<br>(N VALUE) | ENVIRONMENTAL<br>DATA (PPM) | GRAPHIC<br>LOG | MATERIAL DESCRIPTION                                               | WELL DIAGRAM |
|---------------|-----------------------|-----------------------------|-----------------------------|----------------|--------------------------------------------------------------------|--------------|
| 0             |                       |                             |                             |                |                                                                    |              |
|               |                       |                             | PID = 61.8                  |                | Dark fill.                                                         |              |
|               |                       |                             |                             | 2.0            |                                                                    |              |
|               |                       |                             | PID = 113.5                 |                | (SW) SAND w/ GRAVEL: wet, 10% silt, 50% sand, 40% gravel.          |              |
| 5             |                       |                             | PID = 210.6                 |                | Moist, 20% silt, 50% sand, 30% gravel, nonplastic.                 |              |
|               |                       |                             |                             | 8.0            |                                                                    |              |
|               |                       |                             | PID = 187.2                 |                | (CH) FAT CLAY: grey, 95% clay, 5% silt, medium to high plasticity. |              |
| 10            |                       |                             | PID = 185.9                 |                |                                                                    |              |
|               |                       |                             | PID = 105.4                 |                | Moist, 98% clay, 2% silt, high plasticity.                         |              |
|               |                       |                             | PID = 81.5                  |                |                                                                    |              |
| 15            |                       |                             |                             | 15.0           |                                                                    |              |

Bottom of borehole at 15.0 feet.



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# BORING NUMBER WSP-B-8

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|                      |                                           |                         |                                 |
|----------------------|-------------------------------------------|-------------------------|---------------------------------|
| CLIENT               | BP                                        | PROJECT NAME            | BP-Soil Investigation-Conway,WA |
| PROJECT NUMBER       | CW203383-1.7137                           | PROJECT LOCATION        | Conway, WA                      |
| DATE STARTED         | 4/12/24                                   | COMPLETED               | 4/12/24                         |
| DRILLING CONTRACTOR  | Cascade Drilling                          | GROUND ELEVATION        | 12 ft NAVD88                    |
| DRILLING METHOD      | DPT                                       | HOLE SIZE               | 2"                              |
| LOGGED BY            | G. Lohani                                 | CHECKED BY              | D. Tully                        |
| NOTES                | N48° 20' 30.39", W122° 19' 22.50" (NAD83) |                         |                                 |
| GROUND WATER LEVELS: |                                           | AT TIME OF DRILLING --- |                                 |
|                      |                                           | AT END OF DRILLING ---  |                                 |
|                      |                                           | AFTER DRILLING ---      |                                 |

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| DEPTH<br>(ft) | SAMPLE TYPE<br>NUMBER | BLOW<br>COUNTS<br>(N VALUE) | ENVIRONMENTAL<br>DATA (PPM) | GRAPHIC<br>LOG | MATERIAL DESCRIPTION                                                                      | WELL DIAGRAM |
|---------------|-----------------------|-----------------------------|-----------------------------|----------------|-------------------------------------------------------------------------------------------|--------------|
| 0             |                       |                             |                             |                |                                                                                           |              |
|               |                       |                             | PID = 8.6                   |                | Dark fill, black (10YR/2/1).                                                              |              |
|               |                       |                             | PID = 18.2                  | 3.0            | (GW) GRAVEL w/ SAND: Grey (10YR/6/1), wet, 20% silt, 25% fine to medium sand, 55% gravel. |              |
| 5             |                       |                             | PID = 22.6                  |                |                                                                                           |              |
|               |                       |                             | PID = 23                    | 8.0            | (CL) LEAN CLAY: Grey (2.5Y/5/1), moist, 95% clay, 5% sand, medium plasticity.             |              |
|               |                       |                             | PID = 21.9                  |                |                                                                                           |              |
| 10            |                       |                             | PID = 31.3                  |                |                                                                                           |              |
|               |                       |                             | PID = 50                    |                |                                                                                           |              |
| 15            |                       |                             |                             | 15.0           |                                                                                           |              |

Bottom of borehole at 15.0 feet.



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# BORING NUMBER WSP-B-9

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|                      |                                           |                         |                                 |
|----------------------|-------------------------------------------|-------------------------|---------------------------------|
| CLIENT               | BP                                        | PROJECT NAME            | BP-Soil Investigation-Conway,WA |
| PROJECT NUMBER       | CW203383-1.7137                           | PROJECT LOCATION        | Conway, WA                      |
| DATE STARTED         | 4/12/24                                   | COMPLETED               | 4/12/24                         |
| DRILLING CONTRACTOR  | Cascade Drilling                          | GROUND ELEVATION        | 14 ft NAVD88                    |
| DRILLING METHOD      | DPT                                       | HOLE SIZE               | 2"                              |
| LOGGED BY            | G. Lohani                                 | CHECKED BY              | D. Tully                        |
| NOTES                | N48° 20' 30.19", W122° 19' 22.14" (NAD83) |                         |                                 |
| GROUND WATER LEVELS: |                                           | AT TIME OF DRILLING --- |                                 |
|                      |                                           | AT END OF DRILLING ---  |                                 |
|                      |                                           | AFTER DRILLING ---      |                                 |

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| DEPTH<br>(ft) | SAMPLE TYPE<br>NUMBER | BLOW<br>COUNTS<br>(N VALUE) | ENVIRONMENTAL<br>DATA (PPM) | GRAPHIC<br>LOG | MATERIAL DESCRIPTION                                                                              | WELL DIAGRAM |
|---------------|-----------------------|-----------------------------|-----------------------------|----------------|---------------------------------------------------------------------------------------------------|--------------|
| 0             |                       |                             |                             |                |                                                                                                   |              |
|               |                       |                             | PID = 18.8                  |                | Dark fill, black (10YR/4/1).                                                                      |              |
|               |                       |                             | PID = 23.4                  | 3.0            | (GW) GRAVEL w/ SAND: grey/brown (2.5Y/5/2), moist, 10% silt, 20% fine to coarse sand, 70% gravel. |              |
| 5             |                       |                             | PID = 9.8                   |                |                                                                                                   |              |
|               |                       |                             | PID = 284.2                 | 7.0            | (CL) LEAN CLAY: grey (2.5Y/5/1), 90% clay, 10% sand, medium plasticity.                           |              |
|               | WSP-B-9-8'            |                             | PID = 47.7                  |                |                                                                                                   |              |
| 10            |                       |                             | PID = 39.4                  |                |                                                                                                   |              |
|               | WSP-B-9-12'           |                             | PID = 48.2                  |                |                                                                                                   |              |
|               |                       |                             | PID = 35.6                  |                |                                                                                                   |              |
| 15            | WSP-B-9-15'           |                             |                             | 15.0           |                                                                                                   |              |

Bottom of borehole at 15.0 feet.



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# BORING NUMBER WSP-B-10

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|                      |                                           |                         |                                 |
|----------------------|-------------------------------------------|-------------------------|---------------------------------|
| CLIENT               | BP                                        | PROJECT NAME            | BP-Soil Investigation-Conway,WA |
| PROJECT NUMBER       | CW203383-1.7137                           | PROJECT LOCATION        | Conway, WA                      |
| DATE STARTED         | 4/12/24                                   | COMPLETED               | 4/12/24                         |
| DRILLING CONTRACTOR  | Cascade Drilling                          | GROUND ELEVATION        | 13.95 ft NAVD88                 |
| DRILLING METHOD      | DPT                                       | HOLE SIZE               | 2"                              |
| LOGGED BY            | G. Lohani                                 | CHECKED BY              | D. Tully                        |
| NOTES                | N48° 20' 30.40", W122° 19' 21.71" (NAD83) |                         |                                 |
| GROUND WATER LEVELS: |                                           | AT TIME OF DRILLING --- |                                 |
|                      |                                           | AT END OF DRILLING ---  |                                 |
|                      |                                           | AFTER DRILLING ---      |                                 |

| DEPTH<br>(ft) | SAMPLE TYPE<br>NUMBER | BLOW<br>COUNTS<br>(N VALUE) | ENVIRONMENTAL<br>DATA (PPM) | GRAPHIC<br>LOG | MATERIAL DESCRIPTION                                                           | WELL DIAGRAM |
|---------------|-----------------------|-----------------------------|-----------------------------|----------------|--------------------------------------------------------------------------------|--------------|
| 0             |                       |                             |                             |                |                                                                                |              |
|               |                       |                             | PID = 9.4                   |                | Dark fill.                                                                     |              |
|               |                       |                             | PID = 5.6                   |                | (GW) GRAVEL w/ SAND: grey (2.5Y/5/2), moist, 10% clay, 20% silt, 50% gravel.   |              |
| 5             |                       |                             | PID = 8.6                   |                | (CH) FAT CLAY: olive (5Y/4/3), dry, 100% clay, high plasticity.                |              |
|               |                       |                             | PID = 10.4                  |                |                                                                                |              |
|               | WSP-B-10-8'           |                             | PID = 13.9                  |                |                                                                                |              |
| 10            |                       |                             | PID = 12.4                  |                |                                                                                |              |
|               | WSP-B-10-12'          |                             | PID = 13.6                  |                | (CL) LEAN CLAY: grey (2.5Y/5/1), moist, 90% clay, 10% silt, medium plasticity. |              |
| 15            |                       |                             |                             |                |                                                                                |              |
|               | WSP-B-10-15'          |                             |                             |                |                                                                                |              |
|               |                       |                             |                             |                | Bottom of borehole at 15.0 feet.                                               |              |

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# BORING NUMBER WSP-B-11

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|                      |                                           |                         |                                 |
|----------------------|-------------------------------------------|-------------------------|---------------------------------|
| CLIENT               | BP                                        | PROJECT NAME            | BP-Soil Investigation-Conway,WA |
| PROJECT NUMBER       | CW203383-1.7137                           | PROJECT LOCATION        | Conway, WA                      |
| DATE STARTED         | 4/12/24                                   | COMPLETED               | 4/12/24                         |
| DRILLING CONTRACTOR  | Cascade Drilling                          | GROUND ELEVATION        | 14.49 ft NAVD88                 |
| DRILLING METHOD      | DPT                                       | HOLE SIZE               | 2"                              |
| LOGGED BY            | G. Lohani                                 | CHECKED BY              | D. Tully                        |
| NOTES                | N48° 20' 30.62", W122° 19' 21.38" (NAD83) |                         |                                 |
| GROUND WATER LEVELS: |                                           | AT TIME OF DRILLING --- |                                 |
|                      |                                           | AT END OF DRILLING ---  |                                 |
|                      |                                           | AFTER DRILLING ---      |                                 |

ENVIRONMENTAL BH - GINT STD US.GDT - 5/21/24 15:58 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINT\CLPROJECTS\GINT STD US.GPJ

| DEPTH<br>(ft) | SAMPLE TYPE<br>NUMBER | BLOW<br>COUNTS<br>(N VALUE) | ENVIRONMENTAL<br>DATA (PPM) | GRAPHIC<br>LOG | MATERIAL DESCRIPTION                                                          | WELL DIAGRAM |
|---------------|-----------------------|-----------------------------|-----------------------------|----------------|-------------------------------------------------------------------------------|--------------|
| 0             |                       |                             |                             |                |                                                                               |              |
|               |                       |                             | PID = 9.8                   |                | Dark fill, black (10YR/2/1).                                                  |              |
|               |                       |                             |                             | 2.0            |                                                                               | 12.5         |
|               |                       |                             | PID = 11.5                  |                | (GW-GM) GRAVEL w/ SILT: grey (2Y/5/1), moist, 10% silt, 20% sand, 70% gravel. | 11.5         |
|               |                       |                             |                             | 3.0            |                                                                               |              |
|               |                       |                             | PID = 30.2                  |                | (CH) FAT CLAY: olive (2Y/5/2), dry, 100% clay, high plasticity.               |              |
| 5             |                       |                             |                             |                |                                                                               |              |
|               |                       |                             | PID = 75.3                  |                |                                                                               |              |
|               |                       |                             |                             |                |                                                                               |              |
|               |                       |                             | PID = 40.2                  |                |                                                                               |              |
|               |                       |                             |                             |                | Moist.                                                                        |              |
|               |                       |                             | PID = 29.9                  |                |                                                                               |              |
| 10            |                       |                             |                             |                |                                                                               |              |
|               |                       |                             | PID = 18.7                  |                | (CL) LEAN CLAY: Grey (2Y/5/1), moist, 90% clay, 10% sand.                     | 2.5          |
|               |                       |                             |                             | 12.0           |                                                                               |              |
|               |                       |                             |                             |                |                                                                               |              |
| 15            |                       |                             |                             |                |                                                                               | -0.5         |

Bottom of borehole at 15.0 feet.



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CLIENT BP

PROJECT NUMBER CW203383-1.7137

DATE STARTED 4/12/24 COMPLETED 4/12/24

DRILLING CONTRACTOR Cascade Drilling

DRILLING METHOD DPT

LOGGED BY G. Busse CHECKED BY D. Tully

NOTES N48° 20' 29.81", W122° 19' 22.63" (NAD83)

PROJECT NAME BP-Soil Investigation-Conway,WA

PROJECT LOCATION Conway, WA

GROUND ELEVATION 14.03 ft NAVD88 HOLE SIZE 2"

GROUND WATER LEVELS:  
AT TIME OF DRILLING ---  
AT END OF DRILLING ---  
AFTER DRILLING ---

| DEPTH<br>(ft) | SAMPLE TYPE<br>NUMBER | BLOW<br>COUNTS<br>(N VALUE) | ENVIRONMENTAL<br>DATA (PPM) | GRAPHIC<br>LOG | MATERIAL DESCRIPTION                                     | WELL DIAGRAM |
|---------------|-----------------------|-----------------------------|-----------------------------|----------------|----------------------------------------------------------|--------------|
| 0             |                       |                             |                             |                |                                                          |              |
|               |                       |                             | PID = 6.9                   |                | Dark fill, black (10R/2.5/1).                            |              |
|               |                       |                             | PID = 0.2                   |                | (SW) SAND w/ GRAVEL: 10% silt, 50% sand, 40% gravel.     | 11.0         |
| 5             |                       |                             | PID = 0.7                   |                | (CH) FAT CLAY: olive (10R/6/3), dry, 90% clay, 10% sand. | 9.0          |
|               |                       |                             | PID = 1.6                   |                |                                                          |              |
|               |                       |                             | PID = 0.6                   |                | Grey (5Y/5/1), moist.                                    |              |
| 10            |                       |                             | PID = 2.1                   |                |                                                          |              |
|               |                       |                             | PID = 2.9                   |                | Mottled (10R/2.5/1).                                     |              |
| 15            |                       |                             |                             |                |                                                          | -1.0         |

Bottom of borehole at 15.0 feet.

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## SOIL CLASSIFICATION CHART

| MAJOR DIVISIONS      |                           |                                                         | SYMBOLS |           | TYPICAL DESCRIPTIONS                                                                              |
|----------------------|---------------------------|---------------------------------------------------------|---------|-----------|---------------------------------------------------------------------------------------------------|
|                      |                           |                                                         | GRAPH   | LETTER    |                                                                                                   |
| COARSE GRAINED SOILS | GRAVEL AND GRAVELLY SOILS | CLEAN GRAVELS<br><br>(LITTLE OR NO FINES)               |         | <b>GW</b> | WELL-GRADED GRAVELS, GRAVEL - SAND MIXTURES                                                       |
|                      |                           | GRAVELS WITH FINES<br><br>(APPRECIABLE AMOUNT OF FINES) |         | <b>GP</b> | POORLY-GRADED GRAVELS, GRAVEL - SAND MIXTURES                                                     |
|                      | SAND AND SANDY SOILS      | CLEAN SANDS<br><br>(LITTLE OR NO FINES)                 |         | <b>GM</b> | SILTY GRAVELS, GRAVEL - SAND - SILT MIXTURES                                                      |
|                      |                           | SANDS WITH FINES<br><br>(APPRECIABLE AMOUNT OF FINES)   |         | <b>GC</b> | CLAYEY GRAVELS, GRAVEL - SAND - CLAY MIXTURES                                                     |
|                      |                           | CLEAN SANDS<br><br>(LITTLE OR NO FINES)                 |         | <b>SW</b> | WELL-GRADED SANDS, GRAVELLY SANDS                                                                 |
|                      |                           | SANDS WITH FINES<br><br>(APPRECIABLE AMOUNT OF FINES)   |         | <b>SP</b> | POORLY-GRADED SANDS, GRAVELLY SAND                                                                |
| FINE GRAINED SOILS   | SILTS AND CLAYS           | LIQUID LIMIT LESS THAN 50                               |         | <b>ML</b> | INORGANIC SILTS, ROCK FLOUR, CLAYEY SILTS WITH SLIGHT PLASTICITY                                  |
|                      |                           |                                                         |         | <b>CL</b> | INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS |
|                      |                           |                                                         |         | <b>OL</b> | ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY                                           |
|                      | SILTS AND CLAYS           | LIQUID LIMIT GREATER THAN 50                            |         | <b>MH</b> | INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS SILTY SOILS                                            |
|                      |                           |                                                         |         | <b>CH</b> | INORGANIC CLAYS OF HIGH PLASTICITY                                                                |
|                      |                           |                                                         |         | <b>OH</b> | ORGANIC CLAYS AND SILTS OF MEDIUM TO HIGH PLASTICITY                                              |
| HIGHLY ORGANIC SOILS |                           |                                                         |         | <b>PT</b> | PEAT, HUMUS, SWAMP SOILS WITH HIGH ORGANIC CONTENTS                                               |

NOTE: Multiple symbols are used to indicate borderline or dual soil classifications

### Sampler Symbol Descriptions

|  |                                                  |
|--|--------------------------------------------------|
|  | 2.4-inch I.D. split barrel / Dames & Moore (D&M) |
|  | Standard Penetration Test (SPT)                  |
|  | Shelby tube                                      |
|  | Piston                                           |
|  | Direct-Push                                      |
|  | Bulk or grab                                     |
|  | Continuous Coring                                |

Blowcount is recorded for driven samplers as the number of blows required to advance sampler 12 inches (or distance noted). See exploration log for hammer weight and drop.

"P" indicates sampler pushed using the weight of the drill rig.

"WOH" indicates sampler pushed using the weight of the hammer.

NOTE: The reader must refer to the discussion in the report text and the logs of explorations for a proper understanding of subsurface conditions. Descriptions on the logs apply only at the specific exploration locations and at the time the explorations were made; they are not warranted to be representative of subsurface conditions at other locations or times.

## ADDITIONAL MATERIAL SYMBOLS

| SYMBOLS |            | TYPICAL DESCRIPTIONS       |
|---------|------------|----------------------------|
| GRAPH   | LETTER     |                            |
|         | <b>AC</b>  | Asphalt Concrete           |
|         | <b>CC</b>  | Cement Concrete            |
|         | <b>CR</b>  | Crushed Rock/Quarry Spalls |
|         | <b>SOD</b> | Sod/Forest Duff            |
|         | <b>TS</b>  | Topsoil                    |

### Groundwater Contact



Measured groundwater level in exploration, well, or piezometer



Measured free product in well or piezometer

### Graphic Log Contact



Distinct contact between soil strata



Approximate contact between soil strata

### Material Description Contact



Contact between geologic units



Contact between soil of the same geologic unit

### Laboratory / Field Tests

|      |                                               |
|------|-----------------------------------------------|
| %F   | Percent fines                                 |
| %G   | Percent gravel                                |
| AL   | Atterberg limits                              |
| CA   | Chemical analysis                             |
| CP   | Laboratory compaction test                    |
| CS   | Consolidation test                            |
| DD   | Dry density                                   |
| DS   | Direct shear                                  |
| HA   | Hydrometer analysis                           |
| MC   | Moisture content                              |
| MD   | Moisture content and dry density              |
| Mohs | Mohs hardness scale                           |
| OC   | Organic content                               |
| PM   | Permeability or hydraulic conductivity        |
| PI   | Plasticity index                              |
| PL   | Point lead test                               |
| PP   | Pocket penetrometer                           |
| SA   | Sieve analysis                                |
| TX   | Triaxial compression                          |
| UC   | Unconfined compression                        |
| UU   | Unconsolidated undrained triaxial compression |
| VS   | Vane shear                                    |

### Sheen Classification

|    |                  |
|----|------------------|
| NS | No Visible Sheen |
| SS | Slight Sheen     |
| MS | Moderate Sheen   |
| HS | Heavy Sheen      |

## Key to Exploration Logs



Figure A-1

|                                              |                   |                 |                         |    |                         |           |                                        |                  |                                                |                   |                  |
|----------------------------------------------|-------------------|-----------------|-------------------------|----|-------------------------|-----------|----------------------------------------|------------------|------------------------------------------------|-------------------|------------------|
| Drilled                                      | Start<br>1/2/2024 | End<br>1/2/2024 | Total<br>Depth (ft)     | 33 | Logged By<br>Checked By | JNO<br>DC | Driller                                | Cascade Drilling | Drilling<br>Method                             | Hollow-stem Auger |                  |
| Surface Elevation (ft)<br>Vertical Datum     |                   |                 | 10.35<br>NAVD88         |    | Hammer<br>Data          |           | Autohammer<br>140 (lbs) / 30 (in) Drop |                  | Drilling<br>Equipment                          |                   | CME 75 Truck Rig |
| Easting (X)<br>Northing (Y)                  |                   |                 | 1278063.71<br>492880.85 |    | System<br>Datum         |           | WA State Plane North<br>NAD83 (feet)   |                  | See "Remarks" section for groundwater observed |                   |                  |
| Notes: Autohammer efficiency reported as 71% |                   |                 |                         |    |                         |           |                                        |                  |                                                |                   |                  |

| Elevation (feet) | FIELD DATA   |                            |            |                  |                        | Graphic Log | Group<br>Classification | MATERIAL<br>DESCRIPTION                                                                                                     | Moisture<br>Content (%) | Fines<br>Content (%) | REMARKS |
|------------------|--------------|----------------------------|------------|------------------|------------------------|-------------|-------------------------|-----------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------------|---------|
|                  | Depth (feet) | Interval<br>Recovered (in) | Blows/foot | Collected Sample | Sample Name<br>Testing |             |                         |                                                                                                                             |                         |                      |         |
| 0                | 12           | 4                          | 1          |                  |                        |             | MH                      | Gray sandy silt (medium stiff, moist) (glaciomarine drift)                                                                  |                         |                      |         |
|                  | 18           | 1                          | 2          |                  |                        |             |                         |                                                                                                                             |                         |                      |         |
|                  | 6            | 1                          | 3          |                  |                        |             |                         | Becomes very soft, with wood fragments                                                                                      |                         |                      |         |
|                  | 6            | 7                          | 4A<br>4B   |                  |                        |             |                         | Becomes medium stiff                                                                                                        |                         |                      |         |
| 5                | 6            | 14                         | 5          |                  |                        |             | GM                      | Gray silty gravel (medium dense, moist to wet)                                                                              |                         |                      |         |
|                  | 18           | 0                          | 6          |                  |                        |             | CH                      | Gray clay (soft to very soft, moist)                                                                                        |                         |                      |         |
|                  | 18           | 1                          | 7          |                  |                        |             |                         |                                                                                                                             |                         |                      |         |
| 10               | 18           | 1                          | 8          |                  |                        |             |                         |                                                                                                                             |                         |                      |         |
|                  | 18           | 1                          | 9          |                  |                        |             |                         |                                                                                                                             |                         |                      |         |
|                  | 18           | 0                          | 10         |                  |                        |             |                         |                                                                                                                             |                         |                      |         |
| 15               | 1            | 11                         |            |                  |                        |             |                         |                                                                                                                             |                         |                      |         |
|                  | 18           | 1                          | 12         |                  |                        |             |                         |                                                                                                                             |                         |                      |         |
|                  | 18           | 1                          | 13         |                  |                        |             |                         |                                                                                                                             |                         |                      |         |
| 20               | 18           | 4                          | 14         |                  |                        |             |                         |                                                                                                                             |                         |                      |         |
|                  | 18           | 2                          | 15         |                  |                        |             |                         |                                                                                                                             |                         |                      |         |
|                  | 18           | 1                          | 16         |                  |                        |             |                         |                                                                                                                             |                         |                      |         |
|                  | 18           | 2                          | 17         |                  |                        |             |                         |                                                                                                                             |                         |                      |         |
| 25               | 18           | 1                          | 18         |                  |                        |             |                         |                                                                                                                             |                         |                      |         |
|                  | 18           | 5                          | 19         |                  |                        |             | CL                      | Gray lean clay (medium stiff, moist) (glaciomarine drift<br>outwash)<br>1 inch sand lens<br>With trace gravel, becomes hard |                         |                      |         |
| 30               | 18           | 40                         | 20         |                  |                        |             |                         |                                                                                                                             |                         |                      |         |
|                  | 12           | 50/6"                      | 21         |                  |                        |             |                         |                                                                                                                             |                         |                      |         |
|                  | 18           | 35                         | 22         |                  |                        |             | GM                      | Gray clayey gravel with sand (very dense, wet)                                                                              |                         |                      |         |

Note: See Figure A-1 for explanation of symbols.  
Coordinates Data Source: Horizontal approximated based on . Vertical approximated based on .

### Log of Boring GT-1



Project: MP 46 Emergency Response  
Project Location: Skagit County, Washington  
Project Number: 0894-259-00

Figure A-2  
Sheet 1 of 1

Date: 1/8/24 Path: \\GEOENGINEERS.COM\WAN\PROJECTS\0\0894-259\GINT\089425600.GPJ DBL\Library\Library\GEOENGINEERS\_DF\_STD\_US\_JUNE\_2017.GLB\GEB\GEO TECH\_STANDARD\_%F\_NO.GW

|                                              |                   |                 |                     |      |                         |    |                                        |                  |                                                |                   |                  |
|----------------------------------------------|-------------------|-----------------|---------------------|------|-------------------------|----|----------------------------------------|------------------|------------------------------------------------|-------------------|------------------|
| Drilled                                      | Start<br>1/6/2024 | End<br>1/6/2024 | Total<br>Depth (ft) | 41.5 | Logged By<br>Checked By | DC | Driller                                | Cascade Drilling | Drilling<br>Method                             | Hollow-stem Auger |                  |
| Surface Elevation (ft)<br>Vertical Datum     |                   |                 | 17.88<br>NAVD88     |      | Hammer<br>Data          |    | Autohammer<br>140 (lbs) / 30 (in) Drop |                  | Drilling<br>Equipment                          |                   | CME 55 Track Rig |
| Easting (X)<br>Northing (Y)                  |                   |                 | 1278368.3<br>493016 |      | System<br>Datum         |    | WA State Plane North<br>NAD83 (feet)   |                  | See "Remarks" section for groundwater observed |                   |                  |
| Notes: Autohammer efficiency reported at 79% |                   |                 |                     |      |                         |    |                                        |                  |                                                |                   |                  |

| Elevation (feet) | FIELD DATA   |                            |            |                  |                        | Group<br>Classification | MATERIAL<br>DESCRIPTION                                                                | Moisture<br>Content (%) | Fines<br>Content (%) | REMARKS |
|------------------|--------------|----------------------------|------------|------------------|------------------------|-------------------------|----------------------------------------------------------------------------------------|-------------------------|----------------------|---------|
|                  | Depth (feet) | Interval<br>Recovered (in) | Blows/foot | Collected Sample | Sample Name<br>Testing |                         |                                                                                        |                         |                      |         |
| 0                | 18           | 7                          | 1          |                  |                        | ML                      | Brown gray mottled sandy silt (medium stiff, moist)<br>(glaciomarine drift)            |                         |                      |         |
| 5                | 20           | 13                         | 2          |                  |                        | ML                      | Gray sandy silt with occasional gravel (stiff, moist)                                  |                         |                      |         |
| 10               | 18           | 7                          | 3          |                  |                        | CL                      | Gray lean clay (medium stiff, moist)                                                   |                         |                      |         |
| 15               | 24           | 2                          | 4          |                  |                        | CH                      | Gray fat clay (soft to very soft, moist)                                               |                         |                      |         |
| 20               | 24           | 0                          | 5          |                  |                        |                         |                                                                                        |                         |                      |         |
| 25               | 24           | 1                          | 6          |                  |                        |                         |                                                                                        |                         |                      |         |
| 30               | 24           | 4                          | 7          |                  |                        | CL                      | Gray lean clay with occasional sand (medium stiff, moist)                              |                         |                      |         |
| 35               | 24           | 7                          | 8          |                  |                        | SM/ML                   | silty fine sand to sandy silt (medium stiff to very stiff, wet) (glaciomarine outwash) |                         |                      |         |
| 40               | 24           | 19                         | 9          |                  |                        |                         |                                                                                        |                         |                      |         |
| 45               | 24           | 32                         | 10         |                  |                        | SM                      | silty fine sand (dense, wet)                                                           |                         |                      |         |

Note: See Figure A-1 for explanation of symbols.  
Coordinates Data Source: Horizontal approximated based on . Vertical approximated based on .

### Log of Boring GT-2



Project: MP 46 Emergency Response  
Project Location: Skagit County, Washington  
Project Number: 0894-259-00

Figure A-3  
Sheet 1 of 2

Date: 1/8/24 Path: \\GEOENGINEERS.COM\WAN\PROJECTS\0\0894259\GINT\089425900.GPJ DBL\Library\Library\GEOENGINEERS\_DF\_STD\_US\_JUNE\_2017.GLB\GERB\_GEOTECH\_STANDARD\_%F\_NO.GW

Date: 1/8/24 Path: \\GEOENGINEERS.COM\WAN\PROJECTS\0894259\GINT\089425600.GPJ DBLlibrary/Library\GEOENGINEERS\_DF\_STD\_US\_JUNE\_2017.GLB\GEB\_GEOTECH\_STANDARD\_%F\_NO.GW

| Elevation (feet) | FIELD DATA   |                         |            |                  | Graphic Log | Group Classification | MATERIAL DESCRIPTION | Moisture Content (%) | Fines Content (%) | REMARKS |
|------------------|--------------|-------------------------|------------|------------------|-------------|----------------------|----------------------|----------------------|-------------------|---------|
|                  | Depth (feet) | Interval Recovered (in) | Blows/foot | Collected Sample |             |                      |                      |                      |                   |         |
| 35               |              | 18                      | 35         | 11               |             |                      |                      |                      |                   |         |
| 30               |              | 18                      | 44         | 12               |             |                      | With trace gravel    |                      |                   |         |
| 40               |              |                         | 35         | 13               |             |                      |                      |                      |                   | Heave   |

Log of Boring GT-2 (continued)



Project: MP 46 Emergency Response  
Project Location: Skagit County, Washington  
Project Number: 0894-259-00

Figure A-3  
Sheet 2 of 2

|                                              |                   |                 |                        |    |                         |           |                                        |                  |                                                |                   |                  |
|----------------------------------------------|-------------------|-----------------|------------------------|----|-------------------------|-----------|----------------------------------------|------------------|------------------------------------------------|-------------------|------------------|
| Drilled                                      | Start<br>1/3/2024 | End<br>1/3/2024 | Total<br>Depth (ft)    | 41 | Logged By<br>Checked By | JNO<br>DC | Driller                                | Cascade Drilling | Drilling<br>Method                             | Hollow-stem Auger |                  |
| Surface Elevation (ft)<br>Vertical Datum     |                   |                 | 15.22<br>NAVD88        |    | Hammer<br>Data          |           | Autohammer<br>140 (lbs) / 30 (in) Drop |                  | Drilling<br>Equipment                          |                   | CME 55 Track Rig |
| Easting (X)<br>Northing (Y)                  |                   |                 | 127813.43<br>493860.62 |    | System<br>Datum         |           | WA State Plane North<br>NAD83 (feet)   |                  | See "Remarks" section for groundwater observed |                   |                  |
| Notes: Autohammer efficiency reported as 79% |                   |                 |                        |    |                         |           |                                        |                  |                                                |                   |                  |

| Elevation (feet) | FIELD DATA   |                            |            |                  |                        | Group<br>Classification | MATERIAL<br>DESCRIPTION                                                          | Moisture<br>Content (%) | Fines<br>Content (%) | REMARKS                                                                                                                                                                                             |
|------------------|--------------|----------------------------|------------|------------------|------------------------|-------------------------|----------------------------------------------------------------------------------|-------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  | Depth (feet) | Interval<br>Recovered (in) | Blows/foot | Collected Sample | Sample Name<br>Testing |                         |                                                                                  |                         |                      |                                                                                                                                                                                                     |
| 0                | 8            | 3                          | 1          |                  |                        | ML                      | Gray brown mottled sandy silt (soft to medium stiff, moist) (glaciomarine drift) |                         |                      |                                                                                                                                                                                                     |
|                  | 18           | 8                          | 2          |                  |                        |                         |                                                                                  |                         |                      |                                                                                                                                                                                                     |
|                  | 16           | 7                          | 3          |                  |                        |                         |                                                                                  |                         |                      |                                                                                                                                                                                                     |
| 5                | 24           | 5                          | 4          |                  |                        | CL                      | Gray lean clay (soft to medium stiff, moist)                                     |                         |                      | Groundwater observed at 5¾ feet below ground surface at completion of drilling, rose to ¼ foot above ground surface in auger after 10 minutes, rose to 1 foot above ground surface after 60 minutes |
|                  | 24           | 2                          | 5          |                  |                        |                         |                                                                                  |                         |                      |                                                                                                                                                                                                     |
| 10               | 24           | 4                          | 6          |                  |                        |                         |                                                                                  |                         |                      |                                                                                                                                                                                                     |
|                  | 24           | 4                          | 7          |                  |                        | CH                      | Gray fat clay (medium stiff, moist)                                              |                         |                      |                                                                                                                                                                                                     |
| 15               | 24           | 1                          | 8          |                  |                        |                         | Becomes soft to very soft below 15 feet                                          |                         |                      |                                                                                                                                                                                                     |
|                  |              | 0                          | 9          |                  |                        |                         |                                                                                  |                         |                      |                                                                                                                                                                                                     |
| 20               | 24           | 0                          | 10         |                  |                        |                         |                                                                                  |                         |                      |                                                                                                                                                                                                     |
|                  | 24           | 1                          | 11         |                  |                        |                         |                                                                                  |                         |                      |                                                                                                                                                                                                     |
| 25               | 24           | 2                          | 12         |                  |                        |                         |                                                                                  |                         |                      |                                                                                                                                                                                                     |
|                  | 24           | 40                         | 13         |                  |                        | SM                      | Gray silty fine to medium sand with gravel (dense, wet) (glaciomarine outwash)   |                         |                      |                                                                                                                                                                                                     |
| 30               | 24           | 46                         | 14         |                  |                        | SM                      | Gray silty fine sand (dense, wet)                                                |                         |                      | Heave                                                                                                                                                                                               |
|                  | 24           | 36                         | 15         |                  |                        |                         |                                                                                  |                         |                      |                                                                                                                                                                                                     |

Note: See Figure A-1 for explanation of symbols.  
Coordinates Data Source: Horizontal approximated based on . Vertical approximated based on .

### Log of Boring GT-3



Project: MP 46 Emergency Response  
Project Location: Skagit County, Washington  
Project Number: 0894-259-00

Figure A-4  
Sheet 1 of 2

Date: 1/8/24 Path: \\GEOENGINEERS.COM\WAN\PROJECTS\0\0894259\GINT\089425900.GPJ DBL\Library\Library\GEOENGINEERS\_DF\_STD\_US\_JUNE\_2017.GLB\GEB\_GEOTECH\_STANDARD\_%F\_NO.GW

Date: 1/8/24 Path: \\GEOENGINEERS.COM\WAN\PROJECTS\0\0894259\GINT\089425600.GPJ DBLlibrary\Library\GEOENGINEERS\_DF\_STD\_US\_JUNE\_2017.GLB\GEB\_GEOTECH\_STANDARD\_%F\_NO.GW

| Elevation (feet) | FIELD DATA |                |            |                  |                     | MATERIAL DESCRIPTION                                                                                                                          | Moisture Content (%) | Fines Content (%) | REMARKS                                           |
|------------------|------------|----------------|------------|------------------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------|---------------------------------------------------|
|                  | Interval   | Recovered (in) | Blows/foot | Collected Sample | Sample Name Testing |                                                                                                                                               |                      |                   |                                                   |
| 35               | 18         | 39             | 16         |                  |                     |                                                                                                                                               |                      |                   | Drive only to 18 inches to not get stuck in heave |
|                  | 18         | 32             | 17         |                  |                     |                                                                                                                                               |                      |                   |                                                   |
| 40               | 60         | 18             |            |                  |                     | SM<br>silty fine to coarse sand with occasional gravel interbedded with fine to coarse sand with silt and occasional gravel (very dense, wet) |                      |                   |                                                   |

Log of Boring GT-3 (continued)



Project: MP 46 Emergency Response  
Project Location: Skagit County, Washington  
Project Number: 0894-259-00

Figure A-4  
Sheet 2 of 2

**APPENDIX C**

**Soil Excavation and Soil Sampling  
Summary OPLC MP 46  
Memorandum – Antea Group**

## MEMORANDUM

**TO:** Mr. Wade Melton, Remediation Management Services Company

**FROM:** Garrett Crowe, Antea Group

**CC:** Noel Russ, Antea Group  
Christopher Meyer, Antea Group

**DATE:** March 12, 2024

**SUBJECT:** Soil Excavation and Soil Sampling Summary  
OPLC MP 46 Release - Conway, Washington

## INTRODUCTION

The purpose of this memorandum is to briefly describe the background and Antea Group's involvement in the source removal excavation process following the gasoline release located at WA-534, Mount Vernon, WA 98274, near pipeline milepost 46, hereafter referred to as the Site. The process included soil screening, sampling protocols, and analytical testing parameters, intended to verify the effectiveness of source removal for the Olympic Pipe Line Company (OPLC) MP 46 release.

Approximately 25,000 gallons of gasoline was released at the Site, originating from the OPLC pipeline block valve containment vault and migrated on the surface downslope through a grassy area and a tree windbreak to the Hill Ditch irrigation canal.

On behalf of U.S. Pipeline (USPL), Antea Group's services were obtained to delineate the extent of the petroleum-contaminated soils (PCS) impacted by the release and collect confirmation soil samples following over-excavation of the area designated during response activities in A-1, depicted in **Figure 1**.

## SOIL SAMPLING SUPPORT

From December 14 to 18, 2023, prior to over-excavation activities, Antea Group delineated gasoline impacts in A-1 by installing shallow soil borings and test pits using hand tools, and screening soil samples from these locations using a photoionization detector (PID). The delineation process included 67 staked locations at depths varying from 0 to 18 inches below ground surface (bgs). The environmental consulting firm, CTEH, collected GPS coordinates for each staked location. The field delineation assessment data and exposed soils in sidewalls of the shallow trenches used for water and product removal indicated that the spill pathway is underlain by clay. These soils appeared to have limited the extent of vertical migration of gasoline.

From December 19 to 27, 2023, gasoline impacted soils in the area of A-1 were excavated to limits defined by field PID screening and confirmed by soil sample analytical results from a Washington State Department of Ecology Certified Laboratory. The limits of excavation were based on PID screening levels less than 300 parts per

million (ppm). One soil sample was collected from each sidewall and two representative soil samples were collected from the bottom of the excavation for each 25 linear foot section of excavation to confirm concentrations of petroleum hydrocarbon compounds. Each soil sample for volatile organic analyses was collected in accordance with EPA Sampling Method 5035A using Terracores™ and was submitted to ALS Environmental in Everett, WA for analyses of: Total Petroleum Hydrocarbons (TPH) as gasoline by method NWTPH-Gx; and benzene, toluene, ethylbenzene, and total xylenes (BTEX) by Environmental Protection Agency (EPA) Method 8260. A rush turn-around time of 24 hours was requested from the lab. Laboratory Analytical Reports are included in **Appendix A**. The initial excavated area from the OPLC pipeline valve containment vault to the tree windbreak line, the area of A-1, contained 25 bottom and 31 sidewall soil sample locations. The sidewall samples were collected at 12 and 24 inches bgs. The bottom samples were collected at 24 inches bgs. CTEH conducted air monitoring while soil samples were collected in the excavation pit and collected GPS coordinates for each sample location.

Antea Group compared the soil analytical data collected from soil sampling activities between December 19 and 27, 2023, to Washington State Department of Ecology's (Ecology) Model Toxics Control Act (MTCA) Method A Cleanup Levels. Antea Group determined that additional over-excavation activities would be necessary in certain portions of the area A-1 excavation. From January 5 to 29, 2024, Antea Group provided guidance for areas in need of additional over-excavation. Over-excavation activities included 21 bottom sample locations collected between 30 and 90 inches bgs and 16 sidewall sample locations collected between 12 and 47 inches bgs.

Six confirmatory endpoint soil sample locations, B-21 90" bgs, SW-N-1B 12" bgs, SW-S-1 12" bgs, SW-N-2 24" bgs, SW-E-3 12" and 24" bgs, and SW-E-4C 12" and 36" bgs, contained one or more analytical parameters above MTCA Method A Cleanup Levels. The B-21 and SW-N-2 sample locations both contained slight exceedance for benzene above MTCA Method A Cleanup Levels, 0.047 mg/kg and 0.21 mg/kg respectively, and were subsequently not over-excavated. The SW-E-4C and SW-S-1 sample locations could not be over-excavated due to the proximity of the nearby cathodic protection of the pipeline block valve. The SW-N-1B sample location could not be over excavated due to the proximity of the underground gas lines. The SW-E-3 sample location was a sidewall sample and was over-excavated. Nearby sample locations of B-4, B-17, SW-S-2, and SW-S-9 represent clean bottom and sidewall sample locations in the area of SW-E-3. The remaining confirmation endpoint samples were all below MTCA Method A Cleanup Levels and no further over-excavation was pursued. The excavated PCS was loaded directly into trucks and transported off-site to a licensed waste disposal facility in accordance with all applicable local, state, and federal regulations. Confirmation soil sample locations are depicted in **Figure 1** and soil sample analytical results are summarized in **Table 1**.

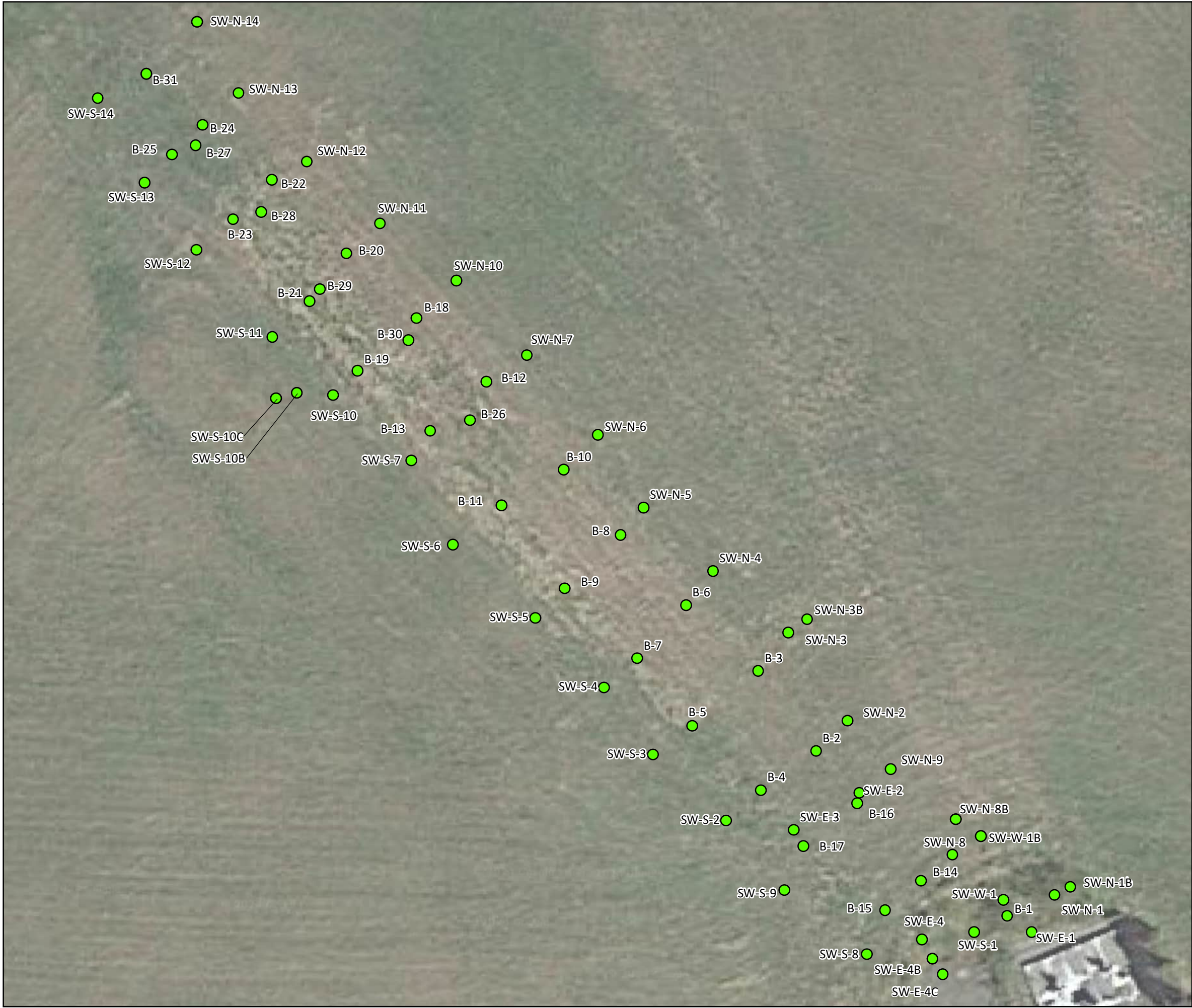
## CONTACT INFORMATION

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Toll Free +1 800 477 7411  
International +1 651 639 9449

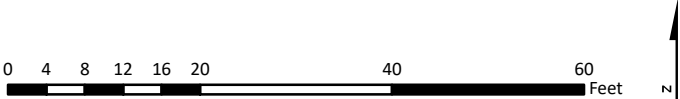
Enclosure: Table 1 – Soil Analytical Table  
Figure 1 - Sample Locations  
Appendix A - Analytical Lab Reports and Chain-of-Custody Documentation CONWAY

## Figure



**Legend**  
● Sample Location

Locations tested for Benzene, Toluene, Ethylbenzene, Xylenes, and Gasoline Range Organics



**FIGURE 1**  
SAMPLE LOCATIONS  
USPL OLYMPIC MOUNT VERNON RELEASE  
MOUNT VERNON, WASHINGTON

|                     |                    |                               |                                                                                       |
|---------------------|--------------------|-------------------------------|---------------------------------------------------------------------------------------|
| PROJECT NO.<br>USPL | PREPARED BY<br>SAA | REF SCALE<br>1:240            |  |
| DATE<br>2/2/2024    | REVIEWED BY<br>MR  | MAP SCALE<br>1 INCH = 20 FEET |                                                                                       |

## Table

TABLE 1  
SOIL ANALYTICAL DATA  
OPLC MP 46 Release - Conway, Washington

| Sample ID                              | Date       | Sample Depth (in) | Benzene<br>(mg/kg) | Toluene<br>(mg/kg) | Ethylbenzene<br>(mg/kg) | Xylene (Total)<br>(mg/kg) | Total Petroleum<br>Hydrocarbons as<br>Gasoline<br>(mg/kg) |
|----------------------------------------|------------|-------------------|--------------------|--------------------|-------------------------|---------------------------|-----------------------------------------------------------|
| WA - MTCA Method A Cleanup Levels SOIL |            |                   | 0.03               | 7                  | 6                       | 9                         | 30                                                        |
| B-1                                    | 12/19/2023 | 24                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | 17                                                        |
| B-2                                    | 12/19/2023 | 24                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| B-3                                    | 12/19/2023 | 24                | 0.55               | 5.2                | 0.3                     | 1.48                      | 24                                                        |
| B-3                                    | 1/29/2024  | 36                | < 0.018            | < 0.011            | < 0.015                 | < 0.049                   | < 3.0                                                     |
| B-4                                    | 12/19/2023 | 24                | 0.72               | 3                  | < 0.01                  | 0.042                     | 12                                                        |
| B-4                                    | 1/23/2024  | 36                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| B-5                                    | 12/20/2023 | 24                | 0.026              | 0.055              | < 0.01                  | < 0.03                    | 4.1                                                       |
| B-6                                    | 12/20/2023 | 24                | 0.04               | 1.8                | 0.022                   | 0.112                     | 9.4                                                       |
| B-6                                    | 1/19/2024  | 30                | < 0.0050           | 0.028              | < 0.01                  | 0.01                      | < 3.0                                                     |
| B-7                                    | 12/20/2023 | 24                | < 0.0050           | 0.01               | < 0.01                  | < 0.03                    | < 3.0                                                     |
| B-8                                    | 12/20/2023 | 24                | 0.045              | 2.1                | 0.043                   | 1.25                      | 12                                                        |
| B-8                                    | 1/24/2024  | 36                | < 0.0050           | 0.013              | < 0.01                  | 0.014                     | < 3.0                                                     |
| B-9                                    | 12/20/2023 | 24                | 0.06               | 1.6                | < 0.01                  | < 0.03                    | 6.2                                                       |
| B-9                                    | 1/24/2024  | 36                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| B-10                                   | 12/21/2023 | 24                | 0.019              | 0.66               | 0.1                     | 0.53                      | 7.6                                                       |
| B-11                                   | 12/21/2023 | 24                | 0.034              | 3.5                | 0.016                   | 0.114                     | 21                                                        |
| B-11                                   | 1/24/2024  | 36                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| B-12                                   | 12/27/2023 | 24                | 2.1 E2             | 7.7 E2             | 0.97 E2                 | 2.78 E2                   | 9,200                                                     |
| B-12                                   | 1/5/2024   | 47                | 0.0073             | 0.37               | 0.014                   | 0.079                     | 5.9                                                       |
| B-12                                   | 1/10/2024  | 72                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| B-13                                   | 12/27/2023 | 24                | < 0.0050           | 0.1                | < 0.01                  | 0.019                     | 13                                                        |
| B-14                                   | 12/21/2023 | 24                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| B-15                                   | 12/21/2023 | 24                | 2.9                | 27                 | 5.1                     | 28.9                      | 440                                                       |
| B-15                                   | 1/23/2024  | 36                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| B-16                                   | 12/21/2023 | 24                | 0.0066             | 0.015              | < 0.01                  | < 0.03                    | < 3.0                                                     |
| B-17                                   | 12/21/2023 | 24                | 0.021              | 2.2                | < 0.01                  | 0.062                     | 12                                                        |
| B-18                                   | 12/27/2023 | 24                | 0.055              | 0.34               | 0.035                   | 0.155                     | 20                                                        |
| B-18                                   | 1/16/2024  | 72                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| B-19                                   | 12/27/2023 | 24                | 1 E2               | 3.6 E2             | 0.68 E2                 | 2.27 E2                   | 3,200                                                     |
| B-19                                   | 1/5/2024   | 47                | 26                 | 860                | 170                     | 860                       | 10,000                                                    |
| B-19                                   | 1/16/2024  | 84                | 0.0091             | 0.046              | < 0.01                  | < 0.03                    | < 3.0                                                     |
| B-20                                   | 12/27/2023 | 24                | 10                 | 680 E              | 140                     | 700                       | 9,000                                                     |
| B-20                                   | 1/5/2024   | 47                | 3.8                | 170                | 46                      | 180                       | 2,700                                                     |
| B-20                                   | 1/16/2024  | 72                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| B-21                                   | 12/27/2023 | 24                | 11                 | 350                | 89                      | 460                       | 6,100                                                     |
| B-21                                   | 1/16/2024  | 84                | 0.053              | 0.47               | 0.031                   | 0.152                     | 3.3                                                       |
| B-21                                   | 1/19/2024  | 90                | 0.047              | 0.4                | < 0.01                  | < 0.03                    | < 3.0                                                     |
| B-22                                   | 12/27/2023 | 24                | 6.7                | 230 E              | 51                      | 262                       | 3,600                                                     |
| B-22                                   | 1/5/2024   | 47                | 5.6                | 200                | 46                      | 235                       | 2,600                                                     |
| B-22                                   | 1/19/2024  | 72                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| B-23                                   | 12/27/2023 | 24                | 0.37               | 11                 | 0.57                    | 5.4                       | 50                                                        |
| B-23                                   | 1/25/2024  | 36                | < 0.038            | 0.74               | 0.11                    | 1.75                      | 20                                                        |
| B-24                                   | 12/27/2023 | 24                | 2.1                | 85                 | 25                      | 132                       | 2,100                                                     |
| B-24                                   | 1/5/2024   | 47                | 0.25               | 19                 | 14                      | 86                        | 1,200                                                     |
| B-24                                   | 1/19/2024  | 72                | < 0.0050           | 0.012              | < 0.01                  | < 0.03                    | < 3.0                                                     |
| B-25                                   | 12/27/2023 | 24                | 0.008              | 0.047              | < 0.01                  | 0.018                     | 13                                                        |
| B-26                                   | 1/5/2024   | 47                | 2.3                | 130                | 51                      | 279                       | 3,500                                                     |
| B-26                                   | 1/10/2024  | 72                | < 0.0050           | 0.017              | < 0.01                  | < 0.03                    | < 3.0                                                     |
| B-27                                   | 1/5/2024   | 47                | 1.8                | 31                 | 6.3                     | 35                        | 510                                                       |
| B-27                                   | 1/19/2024  | 72                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| B-28                                   | 1/5/2024   | 47                | 1.4                | 26                 | 4                       | 22.3                      | 220                                                       |
| B-28                                   | 1/19/2024  | 72                | 0.017              | 0.034              | < 0.01                  | 0.035                     | < 3.0                                                     |
| B-29                                   | 1/5/2024   | 47                | 25                 | 790                | 180                     | 940                       | 11,000                                                    |
| B-29                                   | 1/16/2024  | 84                | 0.028              | 0.44               | 0.03                    | 0.138                     | < 3.0                                                     |
| B-30                                   | 1/5/2024   | 47                | 9.8                | 450                | 100                     | 520                       | 6,100                                                     |
| B-30                                   | 1/16/2024  | 84                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| B-31                                   | 1/19/2024  | 84                | 0.023              | 0.052              | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-N-1                                 | 12/19/2023 | 12                | 1.2                | 17                 | 1.4                     | 8.3                       | 110                                                       |
| SW-N-1                                 | 12/19/2023 | 24                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 5.0                                                     |
| SW-N-1B                                | 1/29/2024  | 12                | < 0.019            | 1.4                | 0.073                   | 12.8                      | 110                                                       |
| SW-E-1                                 | 12/19/2023 | 12                | 0.012              | 0.23               | < 0.01                  | 0.021                     | < 3.0                                                     |
| SW-E-1                                 | 12/19/2023 | 24                | 0.0085             | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-S-1                                 | 12/19/2023 | 12                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | 54                                                        |
| SW-S-1                                 | 12/19/2023 | 24                | 0.0062             | 0.28               | 0.012                   | 0.067                     | 8.2                                                       |
| SW-W-1                                 | 12/19/2023 | 12                | 1                  | 1.7                | < 0.01                  | 0.041                     | 6.6                                                       |
| SW-W-1B                                | 1/23/2024  | 12                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-W-1B                                | 1/23/2024  | 24                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-N-2                                 | 12/19/2023 | 12                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-N-2                                 | 12/19/2023 | 24                | 0.21               | 1.7                | < 0.01                  | 0.011                     | 6.8                                                       |
| SW-E-2                                 | 12/19/2023 | 12                | 0.022              | 0.077              | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-E-2                                 | 12/19/2023 | 24                | < 0.0050           | < 0.01             | < 0.01                  | 0.027                     | < 3.0                                                     |
| SW-S-2                                 | 12/19/2023 | 12                | < 0.0050           | 0.017              | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-S-2                                 | 12/19/2023 | 24                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-N-3                                 | 12/19/2023 | 12                | 0.024              | 2.5                | 0.024                   | 0.62                      | 13                                                        |
| SW-N-3                                 | 12/19/2023 | 24                | 0.23               | 3                  | 0.17                    | 1.11                      | 17                                                        |
| SW-N-3B                                | 1/29/2024  | 12                | < 0.027            | < 0.016            | < 0.023                 | < 0.072                   | < 3.0                                                     |
| SW-N-3B                                | 1/29/2024  | 24                | < 0.017            | < 0.01             | < 0.014                 | < 0.046                   | < 3.0                                                     |
| SW-E-3                                 | 12/19/2023 | 12                | 0.0068             | 3.5                | 0.39                    | 4.1                       | 44                                                        |
| SW-E-3                                 | 12/19/2023 | 24                | 0.55               | 12                 | 2.6                     | 15.4                      | 170                                                       |
| SW-S-3                                 | 12/20/2023 | 12                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-S-3                                 | 12/20/2023 | 24                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |

TABLE 1  
SOIL ANALYTICAL DATA  
OPLC MP 46 Release - Conway, Washington

| Sample ID                              | Date       | Sample Depth (in) | Benzene<br>(mg/kg) | Toluene<br>(mg/kg) | Ethylbenzene<br>(mg/kg) | Xylene (Total)<br>(mg/kg) | Total Petroleum<br>Hydrocarbons as<br>Gasoline<br>(mg/kg) |
|----------------------------------------|------------|-------------------|--------------------|--------------------|-------------------------|---------------------------|-----------------------------------------------------------|
| WA - MTCA Method A Cleanup Levels SOIL |            |                   | 0.03               | 7                  | 6                       | 9                         | 30                                                        |
| B-1                                    | 12/19/2023 | 24                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | 17                                                        |
| B-2                                    | 12/19/2023 | 24                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| B-3                                    | 12/19/2023 | 24                | 0.55               | 5.2                | 0.3                     | 1.48                      | 24                                                        |
| B-3                                    | 1/29/2024  | 36                | < 0.018            | < 0.011            | < 0.015                 | < 0.049                   | < 3.0                                                     |
| B-4                                    | 12/19/2023 | 24                | 0.72               | 3                  | < 0.01                  | 0.042                     | 12                                                        |
| B-4                                    | 1/23/2024  | 36                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| B-5                                    | 12/20/2023 | 24                | 0.026              | 0.055              | < 0.01                  | < 0.03                    | 4.1                                                       |
| B-6                                    | 12/20/2023 | 24                | 0.04               | 1.8                | 0.022                   | 0.112                     | 9.4                                                       |
| B-6                                    | 1/19/2024  | 30                | < 0.0050           | 0.028              | < 0.01                  | 0.01                      | < 3.0                                                     |
| B-7                                    | 12/20/2023 | 24                | < 0.0050           | 0.01               | < 0.01                  | < 0.03                    | < 3.0                                                     |
| B-8                                    | 12/20/2023 | 24                | 0.045              | 2.1                | 0.043                   | 1.25                      | 12                                                        |
| B-8                                    | 1/24/2024  | 36                | < 0.0050           | 0.013              | < 0.01                  | 0.014                     | < 3.0                                                     |
| SW-N-4                                 | 12/20/2023 | 12                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-N-4                                 | 12/20/2023 | 24                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-E-4                                 | 12/27/2023 | 12                | 5.4                | 370 E              | 83                      | 400 E                     | 5,700                                                     |
| SW-E-4                                 | 12/27/2023 | 24                | 1.8                | 110                | 29                      | 150                       | 1,800                                                     |
| SW-E-4B                                | 1/23/2024  | 12                | 0.028              | 4.4                | 2.7                     | 34                        | 390                                                       |
| SW-E-4B                                | 1/23/2024  | 24                | 0.14               | 5.2                | 0.16                    | 3.4                       | 35                                                        |
| SW-E-4C                                | 1/29/2024  | 12                | 0.33               | 18                 | 3.6                     | 33                        | 300                                                       |
| SW-E-4C                                | 1/29/2024  | 24                | < 0.023            | 0.055              | < 0.019                 | 0.154                     | < 3.0                                                     |
| SW-E-4C                                | 1/29/2024  | 36                | 0.24               | 0.014              | 0.053                   | < 0.058                   | 91                                                        |
| SW-S-4                                 | 12/20/2023 | 12                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-S-4                                 | 12/20/2023 | 24                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-N-5                                 | 12/20/2023 | 12                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-N-5                                 | 12/20/2023 | 24                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-S-5                                 | 12/20/2023 | 12                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-S-5                                 | 12/20/2023 | 24                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-N-6                                 | 12/21/2023 | 12                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-N-6                                 | 12/21/2023 | 24                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-S-6                                 | 12/21/2023 | 12                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-S-6                                 | 12/21/2023 | 24                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-N-7                                 | 12/27/2023 | 12                | < 0.0050           | < 0.01             | < 0.01                  | 0.053                     | 10                                                        |
| SW-N-7                                 | 12/27/2023 | 24                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-N-7                                 | 1/5/2024   | 36                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-N-7                                 | 1/10/2024  | 47                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-S-7                                 | 12/27/2023 | 12                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | 6.4                                                       |
| SW-S-7                                 | 12/27/2023 | 24                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-N-8                                 | 12/21/2023 | 12                | 0.77               | 6.6                | 0.28                    | 0.9                       | 30                                                        |
| SW-N-8                                 | 12/21/2023 | 24                | < 0.0050           | 0.013              | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-N-8B                                | 1/23/2024  | 12                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-S-8                                 | 12/21/2023 | 12                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-S-8                                 | 12/21/2023 | 24                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-N-9                                 | 12/21/2023 | 12                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-N-9                                 | 12/21/2023 | 24                | 0.011              | 0.49               | < 0.01                  | 0.034                     | < 3.0                                                     |
| SW-S-9                                 | 12/21/2023 | 12                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-S-9                                 | 12/21/2023 | 24                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-N-10                                | 12/27/2023 | 12                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-N-10                                | 12/27/2023 | 24                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-N-10                                | 1/16/2024  | 47                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-S-10                                | 12/27/2023 | 12                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | 23                                                        |
| SW-S-10                                | 12/27/2023 | 24                | 0.3 E2             | 0.98 E2            | 0.68 E2                 | 2.53 E2                   | 460                                                       |
| SW-S-10                                | 1/5/2024   | 47                | < 0.021            | 0.64               | 0.16                    | 0.93                      | 13                                                        |
| SW-S-10                                | 1/16/2024  | 47                | < 0.0050           | 0.018              | < 0.01                  | 0.011                     | < 3.0                                                     |
| SW-S-10B                               | 1/16/2024  | 24                | 0.25               | 7.3                | 1                       | 5.1                       | 67                                                        |
| SW-S-10C                               | 1/19/2024  | 24                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-N-11                                | 12/27/2023 | 12                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-N-11                                | 12/27/2023 | 24                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-N-11                                | 1/5/2024   | 47                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-S-11                                | 12/27/2023 | 12                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-S-11                                | 12/27/2023 | 24                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-N-12                                | 12/27/2023 | 12                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | 5.3                                                       |
| SW-N-12                                | 12/27/2023 | 24                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-N-12                                | 1/5/2024   | 47                | < 0.0050           | 0.02               | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-S-12                                | 12/27/2023 | 12                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-S-12                                | 12/27/2023 | 24                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-N-13                                | 12/27/2023 | 12                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | 3.9                                                       |
| SW-N-13                                | 12/27/2023 | 24                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-N-13                                | 1/5/2024   | 47                | < 0.0050           | 0.014              | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-S-13                                | 12/27/2023 | 12                | < 0.0050           | 0.018              | < 0.01                  | 0.043                     | 10                                                        |
| SW-S-13                                | 12/27/2023 | 24                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-N-14                                | 1/19/2024  | 47                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |
| SW-S-14                                | 1/19/2024  | 47                | < 0.0050           | < 0.01             | < 0.01                  | < 0.03                    | < 3.0                                                     |

Notes:

Results in bold exceed MTCA action limit

(mg/kg) = milligrams/kilograms

in = Inches

-- = No information

ND = Not detected

< = Not detected at or above indicated laboratory reporting limit

E = Reported result is an estimate because it exceeds the calibration range.

E2 = Reported result is an estimate because it exceeds the calibration range. The actual value for this analyte may be much higher than reported. Resampling and reanalysis is recommended.

## **Appendix A – Laboratory Analytical Reports**



January 30, 2024

Ms. Megan Richard  
Antea Group  
18378-B Redmond Way  
Redmond, WA 98052-5012

Dear Ms. Richard,

On January 29th, 7 samples were received by our laboratory and assigned our laboratory project number EV24010184. The project was identified as your MP-46. The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Rob Greer  
Laboratory Director

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                      |
|------------------|------------------------|---------------------|----------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/30/2024            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010184           |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010184-01        |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/29/2024           |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/29/2024 9:50:00 AM |
| CLIENT SAMPLE ID | B-3_36_20240129        | WDOE ACCREDITATION: | C601                 |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING<br>LIMITS | DILUTION<br>FACTOR | UNITS | ANALYSIS<br>DATE | ANALYSIS<br>BY |
|--------------------|----------|---------|---------------------|--------------------|-------|------------------|----------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0                 | 1                  | MG/KG | 01/30/2024       | MNC            |
| Benzene            | EPA-8260 | U       | 18                  | 1                  | UG/KG | 01/30/2024       | DLC            |
| Toluene            | EPA-8260 | U       | 11                  | 1                  | UG/KG | 01/30/2024       | DLC            |
| Ethylbenzene       | EPA-8260 | U       | 15                  | 1                  | UG/KG | 01/30/2024       | DLC            |
| m,p-Xylene         | EPA-8260 | U       | 30                  | 1                  | UG/KG | 01/30/2024       | DLC            |
| o-Xylene           | EPA-8260 | U       | 19                  | 1                  | UG/KG | 01/30/2024       | DLC            |

| SURROGATE  | METHOD   | %REC | ANALYSIS<br>DATE | ANALYSIS<br>BY |
|------------|----------|------|------------------|----------------|
| TFT        | NWTPH-GX | 71.4 | 01/30/2024       | MNC            |
| Toluene-d8 | EPA-8260 | 101  | 01/30/2024       | DLC            |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/30/2024             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010184            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010184-02         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/29/2024            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/29/2024 10:00:00 AM |
| CLIENT SAMPLE ID | SW-N-3b-12_20240129    | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 01/30/2024    | MNC         |
| Benzene            | EPA-8260 | U       | 27               | 1               | UG/KG | 01/30/2024    | DLC         |
| Toluene            | EPA-8260 | U       | 16               | 1               | UG/KG | 01/30/2024    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 23               | 1               | UG/KG | 01/30/2024    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 44               | 1               | UG/KG | 01/30/2024    | DLC         |
| o-Xylene           | EPA-8260 | U       | 28               | 1               | UG/KG | 01/30/2024    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 81.1 | 01/30/2024    | MNC         |
| Toluene-d8 | EPA-8260 | 102  | 01/30/2024    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/30/2024             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010184            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010184-03         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/29/2024            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/29/2024 10:05:00 AM |
| CLIENT SAMPLE ID | SW-N-3b-24_20240129    | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING<br>LIMITS | DILUTION<br>FACTOR | UNITS | ANALYSIS<br>DATE | ANALYSIS<br>BY |
|--------------------|----------|---------|---------------------|--------------------|-------|------------------|----------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0                 | 1                  | MG/KG | 01/30/2024       | MNC            |
| Benzene            | EPA-8260 | U       | 17                  | 1                  | UG/KG | 01/30/2024       | DLC            |
| Toluene            | EPA-8260 | U       | 10                  | 1                  | UG/KG | 01/30/2024       | DLC            |
| Ethylbenzene       | EPA-8260 | U       | 14                  | 1                  | UG/KG | 01/30/2024       | DLC            |
| m,p-Xylene         | EPA-8260 | U       | 28                  | 1                  | UG/KG | 01/30/2024       | DLC            |
| o-Xylene           | EPA-8260 | U       | 18                  | 1                  | UG/KG | 01/30/2024       | DLC            |

| SURROGATE  | METHOD   | %REC | ANALYSIS<br>DATE | ANALYSIS<br>BY |
|------------|----------|------|------------------|----------------|
| TFT        | NWTPH-GX | 87.9 | 01/30/2024       | MNC            |
| Toluene-d8 | EPA-8260 | 101  | 01/30/2024       | DLC            |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/30/2024             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010184            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010184-04         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/29/2024            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/29/2024 10:10:00 AM |
| CLIENT SAMPLE ID | SW-N-1b-12_20240129    | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 110     | 30               | 10              | MG/KG | 01/30/2024    | MNC         |
| Benzene            | EPA-8260 | U       | 19               | 1               | UG/KG | 01/30/2024    | DLC         |
| Toluene            | EPA-8260 | 1400    | 11               | 1               | UG/KG | 01/30/2024    | DLC         |
| Ethylbenzene       | EPA-8260 | 73      | 16               | 1               | UG/KG | 01/30/2024    | DLC         |
| m,p-Xylene         | EPA-8260 | 8500    | 320              | 10              | UG/KG | 01/30/2024    | DLC         |
| o-Xylene           | EPA-8260 | 4300    | 200              | 10              | UG/KG | 01/30/2024    | DLC         |

| SURROGATE               | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|-------------------------|----------|------|---------------|-------------|
| TFT 10X Dilution        | NWTPH-GX | 79.5 | 01/30/2024    | MNC         |
| Toluene-d8              | EPA-8260 | 109  | 01/30/2024    | DLC         |
| Toluene-d8 10X Dilution | EPA-8260 | 103  | 01/30/2024    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.  
Chromatogram indicates that it is likely that sample contains weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/30/2024             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010184            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010184-05         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/29/2024            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/29/2024 10:20:00 AM |
| CLIENT SAMPLE ID | SW-E-4c_12_20240129    | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 300     | 30               | 10              | MG/KG | 01/30/2024    | MNC         |
| Benzene            | EPA-8260 | 330     | 18               | 1               | UG/KG | 01/30/2024    | DLC         |
| Toluene            | EPA-8260 | 18000   | 110              | 10              | UG/KG | 01/30/2024    | DLC         |
| Ethylbenzene       | EPA-8260 | 3600    | 150              | 10              | UG/KG | 01/30/2024    | DLC         |
| m,p-Xylene         | EPA-8260 | 23000   | 290              | 10              | UG/KG | 01/30/2024    | DLC         |
| o-Xylene           | EPA-8260 | 10000   | 180              | 10              | UG/KG | 01/30/2024    | DLC         |

| SURROGATE               | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|-------------------------|----------|------|---------------|-------------|
| TFT 10X Dilution        | NWTPH-GX | 107  | 01/30/2024    | MNC         |
| Toluene-d8              | EPA-8260 | 86.9 | 01/30/2024    | DLC         |
| Toluene-d8 10X Dilution | EPA-8260 | 102  | 01/30/2024    | DLC         |

Chromatogram indicates that it is likely that sample contains lightly weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/30/2024             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010184            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010184-06         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/29/2024            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/29/2024 10:25:00 AM |
| CLIENT SAMPLE ID | SW-E-4c_24             | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING<br>LIMITS | DILUTION<br>FACTOR | UNITS | ANALYSIS<br>DATE | ANALYSIS<br>BY |
|--------------------|----------|---------|---------------------|--------------------|-------|------------------|----------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0                 | 1                  | MG/KG | 01/30/2024       | MNC            |
| Benzene            | EPA-8260 | U       | 23                  | 1                  | UG/KG | 01/30/2024       | DLC            |
| Toluene            | EPA-8260 | 55      | 14                  | 1                  | UG/KG | 01/30/2024       | DLC            |
| Ethylbenzene       | EPA-8260 | U       | 19                  | 1                  | UG/KG | 01/30/2024       | DLC            |
| m,p-Xylene         | EPA-8260 | 110     | 38                  | 1                  | UG/KG | 01/30/2024       | DLC            |
| o-Xylene           | EPA-8260 | 44      | 24                  | 1                  | UG/KG | 01/30/2024       | DLC            |

| SURROGATE  | METHOD   | %REC | ANALYSIS<br>DATE | ANALYSIS<br>BY |
|------------|----------|------|------------------|----------------|
| TFT        | NWTPH-GX | 78.8 | 01/30/2024       | MNC            |
| Toluene-d8 | EPA-8260 | 101  | 01/30/2024       | DLC            |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/30/2024             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010184            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010184-07         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/29/2024            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/29/2024 10:30:00 AM |
| CLIENT SAMPLE ID | SW-E-4c_36_20240129    | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 91      | 3.0              | 1               | MG/KG | 01/30/2024    | MNC         |
| Benzene            | EPA-8260 | 240     | 22               | 1               | UG/KG | 01/30/2024    | DLC         |
| Toluene            | EPA-8260 | 14      | 13               | 1               | UG/KG | 01/30/2024    | DLC         |
| Ethylbenzene       | EPA-8260 | 53      | 18               | 1               | UG/KG | 01/30/2024    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 36               | 1               | UG/KG | 01/30/2024    | DLC         |
| o-Xylene           | EPA-8260 | U       | 22               | 1               | UG/KG | 01/30/2024    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 85.5 | 01/30/2024    | MNC         |
| Toluene-d8 | EPA-8260 | 95.7 | 01/30/2024    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.  
 Chromatogram indicates that it is likely that sample contains weathered gasoline.  
 Gasoline range product results biased high due to semivolatile range product overlap.

**CERTIFICATE OF ANALYSIS**

|                 |                        |                     |            |
|-----------------|------------------------|---------------------|------------|
| CLIENT:         | Antea Group            | DATE:               | 1/30/2024  |
|                 | 18378-B Redmond Way    | ALS SDG#:           | EV24010184 |
|                 | Redmond, WA 98052-5012 | WDOE ACCREDITATION: | C601       |
| CLIENT CONTACT: | Megan Richard          |                     |            |
| CLIENT PROJECT: | MP-46                  |                     |            |

**LABORATORY BLANK RESULTS**
**MBG-012924S - Batch 206680 - Soil by NWTPH-GX**

| ANALYTE            | METHOD   | RESULTS | UNITS | REPORTING LIMITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|-------|------------------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | MG/KG | 3.0              | 01/29/2024    | MNC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**MB-012924S2 - Batch 206698 - Soil by EPA-8260**

| ANALYTE      | METHOD   | RESULTS | UNITS | REPORTING LIMITS | ANALYSIS DATE | ANALYSIS BY |
|--------------|----------|---------|-------|------------------|---------------|-------------|
| Benzene      | EPA-8260 | U       | UG/KG | 5.0              | 01/29/2024    | DLC         |
| Toluene      | EPA-8260 | U       | UG/KG | 10               | 01/29/2024    | DLC         |
| Ethylbenzene | EPA-8260 | U       | UG/KG | 10               | 01/29/2024    | DLC         |
| m,p-Xylene   | EPA-8260 | U       | UG/KG | 20               | 01/29/2024    | DLC         |
| o-Xylene     | EPA-8260 | U       | UG/KG | 10               | 01/29/2024    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                 |                        |                     |            |
|-----------------|------------------------|---------------------|------------|
| CLIENT:         | Antea Group            | DATE:               | 1/30/2024  |
|                 | 18378-B Redmond Way    | ALS SDG#:           | EV24010184 |
|                 | Redmond, WA 98052-5012 | WDOE ACCREDITATION: | C601       |
| CLIENT CONTACT: | Megan Richard          |                     |            |
| CLIENT PROJECT: | MP-46                  |                     |            |

**LABORATORY CONTROL SAMPLE RESULTS**
**ALS Test Batch ID: 206680 - Soil by NWTPH-GX**

| SPIKED COMPOUND          | METHOD   | %REC | RPD | QUAL | LIMITS |       | ANALYSIS DATE | ANALYSIS BY |
|--------------------------|----------|------|-----|------|--------|-------|---------------|-------------|
|                          |          |      |     |      | MIN    | MAX   |               |             |
| TPH-Volatile Range - BS  | NWTPH-GX | 89.9 |     |      | 66.5   | 122.7 | 01/30/2024    | MNC         |
| TPH-Volatile Range - BSD | NWTPH-GX | 96.6 | 7   |      | 66.5   | 122.7 | 01/30/2024    | MNC         |

**ALS Test Batch ID: 206698 - Soil by EPA-8260**

| SPIKED COMPOUND    | METHOD   | %REC | RPD | QUAL | LIMITS |       | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|------|-----|------|--------|-------|---------------|-------------|
|                    |          |      |     |      | MIN    | MAX   |               |             |
| Benzene - BS       | EPA-8260 | 96.3 |     |      | 75     | 138   | 01/29/2024    | DLC         |
| Benzene - BSD      | EPA-8260 | 101  | 5   |      | 75     | 138   | 01/29/2024    | DLC         |
| Toluene - BS       | EPA-8260 | 98.0 |     |      | 71.6   | 122.1 | 01/29/2024    | DLC         |
| Toluene - BSD      | EPA-8260 | 103  | 5   |      | 71.6   | 122.1 | 01/29/2024    | DLC         |
| Ethylbenzene - BS  | EPA-8260 | 95.4 |     |      | 50     | 150   | 01/29/2024    | DLC         |
| Ethylbenzene - BSD | EPA-8260 | 101  | 6   |      | 50     | 150   | 01/29/2024    | DLC         |
| m,p-Xylene - BS    | EPA-8260 | 95.1 |     |      | 50     | 150   | 01/29/2024    | DLC         |
| m,p-Xylene - BSD   | EPA-8260 | 101  | 6   |      | 50     | 150   | 01/29/2024    | DLC         |
| o-Xylene - BS      | EPA-8260 | 95.3 |     |      | 50     | 150   | 01/29/2024    | DLC         |
| o-Xylene - BSD     | EPA-8260 | 100  | 5   |      | 50     | 150   | 01/29/2024    | DLC         |

APPROVED BY



Rob Greer  
Laboratory Director



ALS Environmental  
8620 Holly Drive, Suite 100  
Everett, WA 98208  
Phone (425) 356-2600  
Fax (425) 356-2626  
http://www.alsglobal.com

# Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only)

EV24010184

Date 1/29/24 Page 1 Of 1

| PROJECT ID: MP-46                                    |         |       |      |      | ANALYSIS REQUESTED |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |        | OTHER (Specify) |                        |             |     |          |      |       |                      |                             |
|------------------------------------------------------|---------|-------|------|------|--------------------|----------|----------|------------------|------------------|-----------------------------------|----------------------------------------|-----------------------------------|------------------------------|--------------------------------------------|--------------------------------------------------------|-----------------|------------------------|-----|--------|-----------------|------------------------|-------------|-----|----------|------|-------|----------------------|-----------------------------|
| REPORT TO COMPANY: Antea Group                       |         |       |      |      | NWTPH-HCID         | NWTPH-DX | NWTPH-GX | BTEX by EPA 8021 | MTBE by EPA 8021 | Halogenated Volatiles by EPA 8260 | Volatile Organic Compounds by EPA 8260 | EDB / EDC by EPA 8260 SIM (water) | EDB / EDC by EPA 8260 (soil) | Semivolatile Organic Compounds by EPA 8270 | Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM | PCB by EPA 8082 | Pesticides by EPA 8081 | TAL | RCRA-8 | Pri Pol         | Metals Other (Specify) | TCLP-Metals | VOA | Semi-Vol | Pest | Herbs | NUMBER OF CONTAINERS | RECEIVED IN GOOD CONDITION? |
| PROJECT MANAGER: Megan Richard                       |         |       |      |      |                    |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |        |                 |                        |             |     |          |      |       |                      |                             |
| ADDRESS: 18378-B Redmond Way                         |         |       |      |      |                    |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |        |                 |                        |             |     |          |      |       |                      |                             |
| Redmond, WA                                          |         |       |      |      |                    |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |        |                 |                        |             |     |          |      |       |                      |                             |
| PHONE: 206-854-0399 P.O. #:                          |         |       |      |      |                    |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |        |                 |                        |             |     |          |      |       |                      |                             |
| E-MAIL: Megan.Richard@anteagroup.us                  |         |       |      |      |                    |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |        |                 |                        |             |     |          |      |       |                      |                             |
| INVOICE TO COMPANY: Same as above                    |         |       |      |      |                    |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |        |                 |                        |             |     |          |      |       |                      |                             |
| ATTENTION: Digital Solutions, Equis, Antea Group, US |         |       |      |      |                    |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |        |                 |                        |             |     |          |      |       |                      |                             |
| ADDRESS: Same as above                               |         |       |      |      |                    |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |        |                 |                        |             |     |          |      |       |                      |                             |
| SAMPLE I.D.                                          | DATE    | TIME  | TYPE | LAB# |                    |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |        |                 |                        |             |     |          |      |       |                      |                             |
| 1. B-3-36-20240129                                   | 1/29/24 | 9:50  | Soil | 1    |                    |          | X        | X                |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |        |                 |                        |             |     |          |      |       |                      |                             |
| 2. SW-N-36-12-20240129                               | 1/29/24 | 10:00 | Soil | 2    |                    |          | X        | X                |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |        |                 |                        |             |     |          |      |       |                      |                             |
| 3. SW-N-36-24-20240129                               | 1/29/24 | 10:05 | Soil | 3    |                    |          | X        | X                |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |        |                 |                        |             |     |          |      |       |                      |                             |
| 4. SW-N-16-12-20240129                               | 1/29/24 | 10:10 | Soil | 4    |                    |          | X        | X                |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |        |                 |                        |             |     |          |      |       |                      |                             |
| 5. SW-E-4c-12-20240129                               | 1/29/24 | 10:20 | Soil | 5    |                    |          | X        | X                |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |        |                 |                        |             |     |          |      |       |                      |                             |
| 6. SW-E-4c-24                                        | 1/29/24 | 10:25 | Soil | 6    |                    |          | X        | X                |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |        |                 |                        |             |     |          |      |       |                      |                             |
| 7. SW-E-4c-36-20240129                               | 1/29/24 | 10:30 | Soil | 7    |                    |          | X        | X                |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |        |                 |                        |             |     |          |      |       |                      |                             |
| 8.                                                   |         |       |      |      |                    |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |        |                 |                        |             |     |          |      |       |                      |                             |
| 9.                                                   |         |       |      |      |                    |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |        |                 |                        |             |     |          |      |       |                      |                             |
| 10.                                                  |         |       |      |      |                    |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |        |                 |                        |             |     |          |      |       |                      |                             |

SPECIAL INSTRUCTIONS Sample #4 is "one B" 16, NOT "16"

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Mariah Murphy Antea Group 12:15 1/29/24

Received By: ALSE 1/29/24 1220

2. Relinquished By:

Received By:

TURNAROUND REQUESTED in Business Days\*  
Organic, Metals & Inorganic Analysis

10 5 3 2 1 SAME DAY

Fuels & Hydrocarbon Analysis

5 3 1 SAME DAY

OTHER: Specify: 24 HR TAT

\*Turnaround request less than standard may incur Rush Charges

# ALS ENVIRONMENTAL

## Sample Receiving Checklist

Client: Antea Group ALS Job#: EV24010184

Project: MP-46

Login Date: 1/29/24 Login Time: 1220 Login By: CE

Type of Shipping Container: Cooler ☒ Box ☐ Other ☐

Shipped via: FedEx Ground ☐ UPS ☐ Courier ☐ Hand Delivered ☒ ALS Courier ☐  
FedEx Express ☐

Yes No N/A

Were custody seals on outside of shipping container?

If yes, how many?            Where?           

Custody seal date:            Seal name:           

                      X

Was Chain of Custody properly filled out (ink, signed, dated, etc.)?

X                      

Did all bottles have labels?

X                      

Did all bottle labels and tags agree with Chain of Custody?

X                      

Were samples received within hold time?

X                      

Did all bottles arrive in good condition (unbroken, etc.)?

X                      

Was sufficient amount of sample sent for the tests indicated?

X                      

Was correct preservation added to samples?

X                      

Subcontract test containers added to Subcontract Bin?

                      X

Wetchem test containers marked with required Tests?

                      X

Short hold time test containers delivered to analysts?

                      X

Were VOA vials checked for absence of air bubbles?

                      X

Bubbles present in sample #:           

5035A kits received?             
# Low Kits:           

# High Kits: 7

X                        
sodium bisulfates

5035A kits returned?

# Low Kits:           

# High Kits:           

Temperature of cooler upon receipt: 12.9°C On ice? X

Explain any discrepancies: trip blank not added to chain. Received 1. labelled Sample #8

Was client contacted?            Who was called?            By whom?            Date:           

Outcome of call:



January 25, 2024

Ms. Megan Richard  
Antea Group  
18378-B Redmond Way  
Redmond, WA 98052-5012

Dear Ms. Richard,

On January 24th, 3 samples were received by our laboratory and assigned our laboratory project number EV24010144. The project was identified as your MP-46. The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Rob Greer  
Laboratory Director



## CERTIFICATE OF ANALYSIS

CLIENT: Antea Group  
18378-B Redmond Way  
Redmond, WA 98052-5012  
DATE: 1/25/2024  
ALS JOB#: EV24010144  
ALS SAMPLE#: EV24010144-01  
CLIENT CONTACT: Megan Richard  
DATE RECEIVED: 01/24/2024  
CLIENT PROJECT: MP-46  
COLLECTION DATE: 1/24/2024 12:20:00 PM  
CLIENT SAMPLE ID: B-8\_36\_20240124  
WDOE ACCREDITATION: C601

## SAMPLE DATA RESULTS

| ANALYTE            | METHOD   | RESULTS | REPORTING<br>LIMITS | DILUTION<br>FACTOR | UNITS | ANALYSIS<br>DATE | ANALYSIS<br>BY |
|--------------------|----------|---------|---------------------|--------------------|-------|------------------|----------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0                 | 1                  | MG/KG | 01/25/2024       | MNC            |
| Benzene            | EPA-8260 | U       | 5.0                 | 1                  | UG/KG | 01/25/2024       | DLC            |
| Toluene            | EPA-8260 | 13      | 10                  | 1                  | UG/KG | 01/25/2024       | DLC            |
| Ethylbenzene       | EPA-8260 | U       | 10                  | 1                  | UG/KG | 01/25/2024       | DLC            |
| m,p-Xylene         | EPA-8260 | U       | 20                  | 1                  | UG/KG | 01/25/2024       | DLC            |
| o-Xylene           | EPA-8260 | 14      | 10                  | 1                  | UG/KG | 01/25/2024       | DLC            |

| SURROGATE  | METHOD   | %REC | ANALYSIS<br>DATE | ANALYSIS<br>BY |
|------------|----------|------|------------------|----------------|
| TFT        | NWTPH-GX | 70.9 | 01/25/2024       | MNC            |
| Toluene-d8 | EPA-8260 | 100  | 01/25/2024       | DLC            |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/25/2024             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010144            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010144-02         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/24/2024            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/24/2024 12:09:00 PM |
| CLIENT SAMPLE ID | B-9_36_20240124        | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 01/25/2024    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 01/25/2024    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 01/25/2024    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 01/25/2024    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 01/25/2024    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 01/25/2024    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 65.6 | 01/25/2024    | MNC         |
| Toluene-d8 | EPA-8260 | 101  | 01/25/2024    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/25/2024             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010144            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010144-03         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/24/2024            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/24/2024 12:00:00 PM |
| CLIENT SAMPLE ID | B-11_36_20240124       | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 01/25/2024    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 01/25/2024    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 01/25/2024    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 01/25/2024    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 01/25/2024    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 01/25/2024    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 76.1 | 01/25/2024    | MNC         |
| Toluene-d8 | EPA-8260 | 100  | 01/25/2024    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                 |                        |                     |            |
|-----------------|------------------------|---------------------|------------|
| CLIENT:         | Antea Group            | DATE:               | 1/25/2024  |
|                 | 18378-B Redmond Way    | ALS SDG#:           | EV24010144 |
|                 | Redmond, WA 98052-5012 | WDOE ACCREDITATION: | C601       |
| CLIENT CONTACT: | Megan Richard          |                     |            |
| CLIENT PROJECT: | MP-46                  |                     |            |

**LABORATORY BLANK RESULTS**
**MBG-012524S - Batch 206473 - Soil by NWTPH-GX**

| ANALYTE            | METHOD   | RESULTS | UNITS | REPORTING<br>LIMITS | ANALYSIS<br>DATE | ANALYSIS<br>BY |
|--------------------|----------|---------|-------|---------------------|------------------|----------------|
| TPH-Volatile Range | NWTPH-GX | U       | MG/KG | 3.0                 | 01/25/2024       | MNC            |

U - Analyte analyzed for but not detected at level above reporting limit.

**MB-012524S - Batch 206462 - Soil by EPA-8260**

| ANALYTE      | METHOD   | RESULTS | UNITS | REPORTING<br>LIMITS | ANALYSIS<br>DATE | ANALYSIS<br>BY |
|--------------|----------|---------|-------|---------------------|------------------|----------------|
| Benzene      | EPA-8260 | U       | UG/KG | 5.0                 | 01/25/2024       | DLC            |
| Toluene      | EPA-8260 | U       | UG/KG | 10                  | 01/25/2024       | DLC            |
| Ethylbenzene | EPA-8260 | U       | UG/KG | 10                  | 01/25/2024       | DLC            |
| m,p-Xylene   | EPA-8260 | U       | UG/KG | 20                  | 01/25/2024       | DLC            |
| o-Xylene     | EPA-8260 | U       | UG/KG | 10                  | 01/25/2024       | DLC            |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                 |                        |                     |            |
|-----------------|------------------------|---------------------|------------|
| CLIENT:         | Antea Group            | DATE:               | 1/25/2024  |
|                 | 18378-B Redmond Way    | ALS SDG#:           | EV24010144 |
|                 | Redmond, WA 98052-5012 | WDOE ACCREDITATION: | C601       |
| CLIENT CONTACT: | Megan Richard          |                     |            |
| CLIENT PROJECT: | MP-46                  |                     |            |

**LABORATORY CONTROL SAMPLE RESULTS**
**ALS Test Batch ID: 206473 - Soil by NWTPH-GX**

| SPIKED COMPOUND          | METHOD   | %REC | RPD | QUAL | LIMITS |       | ANALYSIS DATE | ANALYSIS BY |
|--------------------------|----------|------|-----|------|--------|-------|---------------|-------------|
|                          |          |      |     |      | MIN    | MAX   |               |             |
| TPH-Volatile Range - BS  | NWTPH-GX | 106  |     |      | 66.5   | 122.7 | 01/25/2024    | MNC         |
| TPH-Volatile Range - BSD | NWTPH-GX | 105  | 1   |      | 66.5   | 122.7 | 01/25/2024    | MNC         |

**ALS Test Batch ID: 206462 - Soil by EPA-8260**

| SPIKED COMPOUND    | METHOD   | %REC | RPD | QUAL | LIMITS |       | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|------|-----|------|--------|-------|---------------|-------------|
|                    |          |      |     |      | MIN    | MAX   |               |             |
| Benzene - BS       | EPA-8260 | 90.3 |     |      | 75     | 138   | 01/25/2024    | DLC         |
| Benzene - BSD      | EPA-8260 | 89.6 | 1   |      | 75     | 138   | 01/25/2024    | DLC         |
| Toluene - BS       | EPA-8260 | 92.2 |     |      | 71.6   | 122.1 | 01/25/2024    | DLC         |
| Toluene - BSD      | EPA-8260 | 91.2 | 1   |      | 71.6   | 122.1 | 01/25/2024    | DLC         |
| Ethylbenzene - BS  | EPA-8260 | 91.6 |     |      | 50     | 150   | 01/25/2024    | DLC         |
| Ethylbenzene - BSD | EPA-8260 | 91.0 | 1   |      | 50     | 150   | 01/25/2024    | DLC         |
| m,p-Xylene - BS    | EPA-8260 | 91.2 |     |      | 50     | 150   | 01/25/2024    | DLC         |
| m,p-Xylene - BSD   | EPA-8260 | 90.7 | 1   |      | 50     | 150   | 01/25/2024    | DLC         |
| o-Xylene - BS      | EPA-8260 | 92.3 |     |      | 50     | 150   | 01/25/2024    | DLC         |
| o-Xylene - BSD     | EPA-8260 | 92.8 | 1   |      | 50     | 150   | 01/25/2024    | DLC         |

APPROVED BY



Rob Greer  
Laboratory Director



ALS Environmental  
8620 Holly Drive, Suite 100  
Everett, WA 98208  
Phone (425) 356-2600  
Fax (425) 356-2626  
http://www.alsglobal.com

# Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only)

EV24010144

Date \_\_\_\_\_ Page \_\_\_\_\_ Of \_\_\_\_\_

| PROJECT ID: <u>MP-46</u>                                |                |             |          |          | ANALYSIS REQUESTED |          |          |                 |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     | OTHER (Specify) |         |                        |             |     |          |      |       |                                                  |
|---------------------------------------------------------|----------------|-------------|----------|----------|--------------------|----------|----------|-----------------|------------------|-----------------------------------|----------------------------------------|-----------------------------------|------------------------------|--------------------------------------------|--------------------------------------------------------|-----------------|------------------------|-----|-----------------|---------|------------------------|-------------|-----|----------|------|-------|--------------------------------------------------|
| REPORT TO COMPANY: <u>Antea Group</u>                   |                |             |          |          | NWTPH-HCID         | NWTPH-DX | NWTPH-GX | BTX by EPA 8021 | MTBE by EPA 8021 | Halogenated Volatiles by EPA 8260 | Volatile Organic Compounds by EPA 8260 | EDB / EDC by EPA 8260 SIM (water) | EDB / EDC by EPA 8260 (soil) | Semivolatile Organic Compounds by EPA 8270 | Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM | PCB by EPA 8082 | Pesticides by EPA 8081 | TAL | RCRA-8          | Pri Pol | Metals Other (Specify) | TCPL-Metals | VOA | Semi-Vol | Pest | Herbs | NUMBER OF CONTAINERS RECEIVED IN GOOD CONDITION? |
| PROJECT MANAGER: <u>Megan Richard</u>                   |                |             |          |          |                    |          |          |                 |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |                 |         |                        |             |     |          |      |       |                                                  |
| ADDRESS: <u>18378-B Redmond Way</u>                     |                |             |          |          |                    |          |          |                 |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |                 |         |                        |             |     |          |      |       |                                                  |
| <u>Redmond, WA</u>                                      |                |             |          |          |                    |          |          |                 |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |                 |         |                        |             |     |          |      |       |                                                  |
| PHONE: <u>206, 854, 0399</u> P.O. #:                    |                |             |          |          |                    |          |          |                 |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |                 |         |                        |             |     |          |      |       |                                                  |
| E-MAIL: <u>Megan.richard@anteagroup.us</u>              |                |             |          |          |                    |          |          |                 |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |                 |         |                        |             |     |          |      |       |                                                  |
| INVOICE TO COMPANY: <u>same as above</u>                |                |             |          |          |                    |          |          |                 |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |                 |         |                        |             |     |          |      |       |                                                  |
| ATTENTION: <u>Digital Solutions, ED@S@anteagroup.us</u> |                |             |          |          |                    |          |          |                 |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |                 |         |                        |             |     |          |      |       |                                                  |
| ADDRESS: <u>same as above</u>                           |                |             |          |          |                    |          |          |                 |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |                 |         |                        |             |     |          |      |       |                                                  |
| SAMPLE I.D.                                             | DATE           | TIME        | TYPE     | LAB#     |                    |          |          |                 |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |                 |         |                        |             |     |          |      |       |                                                  |
| 1. <u>B-8-36-20240124</u>                               | <u>1/24/24</u> | <u>1220</u> | <u>S</u> | <u>1</u> |                    |          | X        | X               |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |                 |         |                        |             |     |          |      |       |                                                  |
| 2. <u>B-9-36-20240124</u>                               | <u>1/24/24</u> | <u>1209</u> | <u>S</u> | <u>2</u> |                    |          | X        | X               |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |                 |         |                        |             |     |          |      |       |                                                  |
| 3. <u>B-11-36-20240124</u>                              | <u>1/24/24</u> | <u>1200</u> | <u>S</u> | <u>3</u> |                    |          | X        | X               |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |                 |         |                        |             |     |          |      |       |                                                  |
| 4.                                                      |                |             |          |          |                    |          |          |                 |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |                 |         |                        |             |     |          |      |       |                                                  |
| 5.                                                      |                |             |          |          |                    |          |          |                 |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |                 |         |                        |             |     |          |      |       |                                                  |
| 6.                                                      |                |             |          |          |                    |          |          |                 |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |                 |         |                        |             |     |          |      |       |                                                  |
| 7.                                                      |                |             |          |          |                    |          |          |                 |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |                 |         |                        |             |     |          |      |       |                                                  |
| 8.                                                      |                |             |          |          |                    |          |          |                 |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |                 |         |                        |             |     |          |      |       |                                                  |
| 9.                                                      |                |             |          |          |                    |          |          |                 |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |                 |         |                        |             |     |          |      |       |                                                  |
| 10.                                                     |                |             |          |          |                    |          |          |                 |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |                 |         |                        |             |     |          |      |       |                                                  |

SPECIAL INSTRUCTIONS

★ HOLD ALL 3 Samples ★ 1/25/24 - Ezra removed hold on all samples. S

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Ezra Coyne, Antea Group, 1/24/24, 1415  
Received By: ALS 1/24/24 1415

2. Relinquished By: \_\_\_\_\_  
Received By: \_\_\_\_\_

TURNAROUND REQUESTED in Business Days\*

Organic, Metals & Inorganic Analysis

10 5 3 2 1 SAME DAY

Fuels & Hydrocarbon Analysis

5 3 1 SAME DAY

OTHER:

Specify: \_\_\_\_\_

\*Turnaround request less than standard may incur Rush Charges

# ALS ENVIRONMENTAL

## Sample Receiving Checklist

Client: Antea ALS Job#: EV24010144

Project: MP-46

Login Date: 1/24/24 Login Time: 1415 Login By: ce

Type of Shipping Container: Cooler ☒ Box ☐ Other ☐

Shipped via: FedEx Ground ☐ UPS ☐ Courier ☐ Hand Delivered ☒ ALS Courier ☐  
FedEx Express ☐

|                                                                      | Yes                                 | No | N/A                                 |
|----------------------------------------------------------------------|-------------------------------------|----|-------------------------------------|
| Were custody seals on outside of shipping container?                 |                                     |    | <input checked="" type="checkbox"/> |
| If yes, how many? _____ Where? _____                                 |                                     |    |                                     |
| Custody seal date: _____ Seal name: _____                            |                                     |    |                                     |
| Was Chain of Custody properly filled out (ink, signed, dated, etc.)? | <input checked="" type="checkbox"/> |    |                                     |
| Did all bottles have labels?                                         | <input checked="" type="checkbox"/> |    |                                     |
| Did all bottle labels and tags agree with Chain of Custody?          | <input checked="" type="checkbox"/> |    |                                     |
| Were samples received within hold time?                              | <input checked="" type="checkbox"/> |    |                                     |
| Did all bottles arrive in good condition (unbroken, etc.)?           | <input checked="" type="checkbox"/> |    |                                     |
| Was sufficient amount of sample sent for the tests indicated?        | <input checked="" type="checkbox"/> |    |                                     |
| Was correct preservation added to samples?                           | <input checked="" type="checkbox"/> |    |                                     |
| Subcontract test containers added to Subcontract Bin?                |                                     |    | <input checked="" type="checkbox"/> |
| Wetchem test containers marked with required Tests?                  |                                     |    | <input checked="" type="checkbox"/> |
| Short hold time test containers delivered to analysts?               |                                     |    | <input checked="" type="checkbox"/> |
| Were VOA vials checked for absence of air bubbles?                   |                                     |    | <input checked="" type="checkbox"/> |
| Bubbles present in sample #: _____                                   |                                     |    |                                     |

5035A kits received? 3 # Low Kits: 3 # High Kits: 17 <sup>cc</sup> ☒

5035A kits returned? Sodium # Low Kits: \_\_\_\_\_ # High Kits: \_\_\_\_\_

Temperature of cooler upon receipt: 12.9° On ice? ☒

Explain any discrepancies: Samples on Hold

Was client contacted? \_\_\_\_\_ Who was called? \_\_\_\_\_ By whom? \_\_\_\_\_ Date: \_\_\_\_\_

Outcome of call: \_\_\_\_\_



January 24, 2024

Ms. Megan Richard  
Antea Group  
18378-B Redmond Way  
Redmond, WA 98052-5012

Dear Ms. Richard,

On January 23rd, 8 samples were received by our laboratory and assigned our laboratory project number EV24010127. The project was identified as your MP-46. The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Rob Greer  
Laboratory Director

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                      |
|------------------|------------------------|---------------------|----------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/24/2024            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010127           |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010127-01        |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/23/2024           |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/23/2024 2:58:00 PM |
| CLIENT SAMPLE ID | B-4_36_20240123        | WDOE ACCREDITATION: | C601                 |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING<br>LIMITS | DILUTION<br>FACTOR | UNITS | ANALYSIS<br>DATE | ANALYSIS<br>BY |
|--------------------|----------|---------|---------------------|--------------------|-------|------------------|----------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0                 | 1                  | MG/KG | 01/24/2024       | MNC            |
| Benzene            | EPA-8260 | U       | 5.0                 | 1                  | UG/KG | 01/24/2024       | DLC            |
| Toluene            | EPA-8260 | U       | 10                  | 1                  | UG/KG | 01/24/2024       | DLC            |
| Ethylbenzene       | EPA-8260 | U       | 10                  | 1                  | UG/KG | 01/24/2024       | DLC            |
| m,p-Xylene         | EPA-8260 | U       | 20                  | 1                  | UG/KG | 01/24/2024       | DLC            |
| o-Xylene           | EPA-8260 | U       | 10                  | 1                  | UG/KG | 01/24/2024       | DLC            |

| SURROGATE  | METHOD   | %REC | ANALYSIS<br>DATE | ANALYSIS<br>BY |
|------------|----------|------|------------------|----------------|
| TFT        | NWTPH-GX | 95.0 | 01/24/2024       | MNC            |
| Toluene-d8 | EPA-8260 | 100  | 01/24/2024       | DLC            |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                      |
|------------------|------------------------|---------------------|----------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/24/2024            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010127           |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010127-02        |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/23/2024           |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/23/2024 2:52:00 PM |
| CLIENT SAMPLE ID | B-15_36_20240123       | WDOE ACCREDITATION: | C601                 |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 01/24/2024    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 01/24/2024    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 01/24/2024    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 01/24/2024    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 01/24/2024    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 01/24/2024    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 78.0 | 01/24/2024    | MNC         |
| Toluene-d8 | EPA-8260 | 100  | 01/24/2024    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                      |
|------------------|------------------------|---------------------|----------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/24/2024            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010127           |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010127-03        |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/23/2024           |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/23/2024 2:45:00 PM |
| CLIENT SAMPLE ID | SW-E-4b_12_20240123    | WDOE ACCREDITATION: | C601                 |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 390     | 30               | 10              | MG/KG | 01/24/2024    | MNC         |
| Benzene            | EPA-8260 | 28      | 22               | 1               | UG/KG | 01/24/2024    | DLC         |
| Toluene            | EPA-8260 | 4400    | 130              | 10              | UG/KG | 01/24/2024    | DLC         |
| Ethylbenzene       | EPA-8260 | 2700    | 19               | 1               | UG/KG | 01/24/2024    | DLC         |
| m,p-Xylene         | EPA-8260 | 22000   | 370              | 10              | UG/KG | 01/24/2024    | DLC         |
| o-Xylene           | EPA-8260 | 12000   | 230              | 10              | UG/KG | 01/24/2024    | DLC         |

| SURROGATE               | METHOD   | %REC       | ANALYSIS DATE | ANALYSIS BY |
|-------------------------|----------|------------|---------------|-------------|
| TFT 10X Dilution        | NWTPH-GX | 47.9 SUR12 | 01/24/2024    | MNC         |
| Toluene-d8 10X Dilution | EPA-8260 | 101        | 01/24/2024    | DLC         |
| Toluene-d8              | EPA-8260 | 95.9       | 01/24/2024    | DLC         |

SUR12 -Surrogate recoveries were outside of the control limits due to matrix interference. Chromatogram indicates that it is likely that sample contains weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                      |
|------------------|------------------------|---------------------|----------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/24/2024            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010127           |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010127-04        |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/23/2024           |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/23/2024 2:48:00 PM |
| CLIENT SAMPLE ID | SW-E-4b_24_20240123    | WDOE ACCREDITATION: | C601                 |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 35      | 3.0              | 1               | MG/KG | 01/24/2024    | MNC         |
| Benzene            | EPA-8260 | 140     | 23               | 1               | UG/KG | 01/24/2024    | DLC         |
| Toluene            | EPA-8260 | 5200    | 140              | 10              | UG/KG | 01/24/2024    | DLC         |
| Ethylbenzene       | EPA-8260 | 160     | 19               | 1               | UG/KG | 01/24/2024    | DLC         |
| m,p-Xylene         | EPA-8260 | 1800    | 38               | 1               | UG/KG | 01/24/2024    | DLC         |
| o-Xylene           | EPA-8260 | 1600    | 24               | 1               | UG/KG | 01/24/2024    | DLC         |

| SURROGATE               | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|-------------------------|----------|------|---------------|-------------|
| TFT                     | NWTPH-GX | 99.7 | 01/24/2024    | MNC         |
| Toluene-d8              | EPA-8260 | 103  | 01/24/2024    | DLC         |
| Toluene-d8 10X Dilution | EPA-8260 | 102  | 01/24/2024    | DLC         |

Chromatogram indicates that it is likely that sample contains weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                      |
|------------------|------------------------|---------------------|----------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/24/2024            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010127           |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010127-05        |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/23/2024           |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/23/2024 2:33:00 PM |
| CLIENT SAMPLE ID | SW-W-1b_12_20240123    | WDOE ACCREDITATION: | C601                 |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 01/24/2024    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 01/24/2024    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 01/24/2024    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 01/24/2024    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 01/24/2024    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 01/24/2024    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 81.8 | 01/24/2024    | MNC         |
| Toluene-d8 | EPA-8260 | 102  | 01/24/2024    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                      |
|------------------|------------------------|---------------------|----------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/24/2024            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010127           |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010127-06        |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/23/2024           |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/23/2024 2:35:00 PM |
| CLIENT SAMPLE ID | SW-W-1b_24_20240123    | WDOE ACCREDITATION: | C601                 |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING<br>LIMITS | DILUTION<br>FACTOR | UNITS | ANALYSIS<br>DATE | ANALYSIS<br>BY |
|--------------------|----------|---------|---------------------|--------------------|-------|------------------|----------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0                 | 1                  | MG/KG | 01/24/2024       | MNC            |
| Benzene            | EPA-8260 | U       | 5.0                 | 1                  | UG/KG | 01/24/2024       | DLC            |
| Toluene            | EPA-8260 | U       | 10                  | 1                  | UG/KG | 01/24/2024       | DLC            |
| Ethylbenzene       | EPA-8260 | U       | 10                  | 1                  | UG/KG | 01/24/2024       | DLC            |
| m,p-Xylene         | EPA-8260 | U       | 20                  | 1                  | UG/KG | 01/24/2024       | DLC            |
| o-Xylene           | EPA-8260 | U       | 10                  | 1                  | UG/KG | 01/24/2024       | DLC            |

| SURROGATE  | METHOD   | %REC | ANALYSIS<br>DATE | ANALYSIS<br>BY |
|------------|----------|------|------------------|----------------|
| TFT        | NWTPH-GX | 85.8 | 01/24/2024       | MNC            |
| Toluene-d8 | EPA-8260 | 108  | 01/24/2024       | DLC            |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                      |
|------------------|------------------------|---------------------|----------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/24/2024            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010127           |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010127-07        |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/23/2024           |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/23/2024 2:25:00 PM |
| CLIENT SAMPLE ID | SW-N-8b_12_20240123    | WDOE ACCREDITATION: | C601                 |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 01/24/2024    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 01/24/2024    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 01/24/2024    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 01/24/2024    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 01/24/2024    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 01/24/2024    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 79.9 | 01/24/2024    | MNC         |
| Toluene-d8 | EPA-8260 | 105  | 01/24/2024    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.



## CERTIFICATE OF ANALYSIS

CLIENT: Antea Group  
18378-B Redmond Way  
Redmond, WA 98052-5012  
DATE: 1/24/2024  
ALS SDG#: EV24010127  
WDOE ACCREDITATION: C601

CLIENT CONTACT: Megan Richard  
CLIENT PROJECT: MP-46

## LABORATORY BLANK RESULTS

### MBG-012324S2 - Batch 206378 - Soil by NWTPH-GX

| ANALYTE            | METHOD   | RESULTS | UNITS | REPORTING<br>LIMITS | ANALYSIS<br>DATE | ANALYSIS<br>BY |
|--------------------|----------|---------|-------|---------------------|------------------|----------------|
| TPH-Volatile Range | NWTPH-GX | U       | MG/KG | 3.0                 | 01/24/2024       | MNC            |

U - Analyte analyzed for but not detected at level above reporting limit.

### MB-012424S - Batch 206406 - Soil by EPA-8260

| ANALYTE      | METHOD   | RESULTS | UNITS | REPORTING<br>LIMITS | ANALYSIS<br>DATE | ANALYSIS<br>BY |
|--------------|----------|---------|-------|---------------------|------------------|----------------|
| Benzene      | EPA-8260 | U       | UG/KG | 5.0                 | 01/24/2024       | DLC            |
| Toluene      | EPA-8260 | U       | UG/KG | 10                  | 01/24/2024       | DLC            |
| Ethylbenzene | EPA-8260 | U       | UG/KG | 10                  | 01/24/2024       | DLC            |
| m,p-Xylene   | EPA-8260 | U       | UG/KG | 20                  | 01/24/2024       | DLC            |
| o-Xylene     | EPA-8260 | U       | UG/KG | 10                  | 01/24/2024       | DLC            |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                 |                        |                     |            |
|-----------------|------------------------|---------------------|------------|
| CLIENT:         | Antea Group            | DATE:               | 1/24/2024  |
|                 | 18378-B Redmond Way    | ALS SDG#:           | EV24010127 |
|                 | Redmond, WA 98052-5012 | WDOE ACCREDITATION: | C601       |
| CLIENT CONTACT: | Megan Richard          |                     |            |
| CLIENT PROJECT: | MP-46                  |                     |            |

**LABORATORY CONTROL SAMPLE RESULTS**
**ALS Test Batch ID: 206378 - Soil by NWTPH-GX**

| SPIKED COMPOUND          | METHOD   | %REC | RPD | QUAL | LIMITS |       | ANALYSIS DATE | ANALYSIS BY |
|--------------------------|----------|------|-----|------|--------|-------|---------------|-------------|
|                          |          |      |     |      | MIN    | MAX   |               |             |
| TPH-Volatile Range - BS  | NWTPH-GX | 99.4 |     |      | 66.5   | 122.7 | 01/24/2024    | MNC         |
| TPH-Volatile Range - BSD | NWTPH-GX | 98.7 | 1   |      | 66.5   | 122.7 | 01/24/2024    | MNC         |

**ALS Test Batch ID: 206406 - Soil by EPA-8260**

| SPIKED COMPOUND    | METHOD   | %REC | RPD | QUAL | LIMITS |       | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|------|-----|------|--------|-------|---------------|-------------|
|                    |          |      |     |      | MIN    | MAX   |               |             |
| Benzene - BS       | EPA-8260 | 92.4 |     |      | 75     | 138   | 01/24/2024    | DLC         |
| Benzene - BSD      | EPA-8260 | 89.3 | 4   |      | 75     | 138   | 01/24/2024    | DLC         |
| Toluene - BS       | EPA-8260 | 94.6 |     |      | 71.6   | 122.1 | 01/24/2024    | DLC         |
| Toluene - BSD      | EPA-8260 | 91.1 | 4   |      | 71.6   | 122.1 | 01/24/2024    | DLC         |
| Ethylbenzene - BS  | EPA-8260 | 97.4 |     |      | 50     | 150   | 01/24/2024    | DLC         |
| Ethylbenzene - BSD | EPA-8260 | 91.8 | 6   |      | 50     | 150   | 01/24/2024    | DLC         |
| m,p-Xylene - BS    | EPA-8260 | 95.2 |     |      | 50     | 150   | 01/24/2024    | DLC         |
| m,p-Xylene - BSD   | EPA-8260 | 90.8 | 5   |      | 50     | 150   | 01/24/2024    | DLC         |
| o-Xylene - BS      | EPA-8260 | 97.5 |     |      | 50     | 150   | 01/24/2024    | DLC         |
| o-Xylene - BSD     | EPA-8260 | 92.9 | 5   |      | 50     | 150   | 01/24/2024    | DLC         |

APPROVED BY



Rob Greer  
Laboratory Director



## ALS Job# (Laboratory Use Only)

EV24010127

Date 1/23/24 Page 1 Of 1

[illegible]

### SPECIAL INSTRUCTIONS

★ PLEASE HOLD SW-N-86-24-20240123 ★

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Josh Nugent / Antea / 1/23/24 / 1705

Received By: [Signature] ACS 11/23/24 1705

2. Relinquished By:

Received By: \_\_\_\_\_

TURNAROUND REQUESTED in Business Days\*

OTHER:

Organic, Metals &amp; Inorganic Analysis

10 5 3 2 1 SAM  
DAY

Fuels &amp; Hydrocarbon Analysis

5 3 1 SAM  
DAY

Specify: \_\_\_\_\_

\*Turnaround request less than standard may incur Rush Charges

# ALS ENVIRONMENTAL

## Sample Receiving Checklist

Client: AUTEA GROUP ALS Job#: EV24010127

Project: MP-46

Login Date: 1/23/24 Login Time: 1710 Login By: CN/AF

Type of Shipping Container: Cooler ☒ Box ☐ Other ☐

Shipped via: FedEx Ground ☐ UPS ☐ Courier ☐ Hand Delivered ☒ ALS Courier ☐  
FedEx Express ☐

|                                                                      | Yes                                 | No | N/A                                 |
|----------------------------------------------------------------------|-------------------------------------|----|-------------------------------------|
| Were custody seals on outside of shipping container?                 |                                     |    | <input checked="" type="checkbox"/> |
| If yes, how many? _____ Where? _____                                 |                                     |    |                                     |
| Custody seal date: _____ Seal name: _____                            |                                     |    |                                     |
| Was Chain of Custody properly filled out (ink, signed, dated, etc.)? | <input checked="" type="checkbox"/> |    |                                     |
| Did all bottles have labels?                                         | <input checked="" type="checkbox"/> |    |                                     |
| Did all bottle labels and tags agree with Chain of Custody?          | <input checked="" type="checkbox"/> |    |                                     |
| Were samples received within hold time?                              | <input checked="" type="checkbox"/> |    |                                     |
| Did all bottles arrive in good condition (unbroken, etc.)?           | <input checked="" type="checkbox"/> |    |                                     |
| Was sufficient amount of sample sent for the tests indicated?        | <input checked="" type="checkbox"/> |    |                                     |
| Was correct preservation added to samples?                           | <input checked="" type="checkbox"/> |    |                                     |
| Subcontract test containers added to Subcontract Bin?                |                                     |    | <input checked="" type="checkbox"/> |
| Wetchem test containers marked with required Tests?                  |                                     |    | <input checked="" type="checkbox"/> |
| Short hold time test containers delivered to analysts?               |                                     |    | <input checked="" type="checkbox"/> |
| Were VOA vials checked for absence of air bubbles?                   |                                     |    | <input checked="" type="checkbox"/> |
| Bubbles present in sample #: _____                                   |                                     |    |                                     |

5035A kits received? 8 # Low Kits: 8 # High Kits: \_\_\_\_\_

5035A kits returned? 2 # Low Kits: 2 # High Kits: 5

Temperature of cooler upon receipt: 5.4 On ice? ☒

Explain any discrepancies:

Was client contacted? \_\_\_\_\_ Who was called? \_\_\_\_\_ By whom? \_\_\_\_\_ Date: \_\_\_\_\_

Outcome of call:



January 22, 2024

Ms. Megan Richard  
Antea Group  
18378-B Redmond Way  
Redmond, WA 98052-5012

Dear Ms. Richard,

On January 19th, 10 samples were received by our laboratory and assigned our laboratory project number EV24010111. The project was identified as your MP-46. The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Rob Greer  
Laboratory Director

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                      |
|------------------|------------------------|---------------------|----------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/22/2024            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010111           |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010111-01        |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/19/2024           |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/19/2024 1:15:00 PM |
| CLIENT SAMPLE ID | B-22_72_20240119       | WDOE ACCREDITATION: | C601                 |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING<br>LIMITS | DILUTION<br>FACTOR | UNITS | ANALYSIS<br>DATE | ANALYSIS<br>BY |
|--------------------|----------|---------|---------------------|--------------------|-------|------------------|----------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0                 | 1                  | MG/KG | 01/22/2024       | MNC            |
| Benzene            | EPA-8260 | U       | 5.0                 | 1                  | UG/KG | 01/22/2024       | DLC            |
| Toluene            | EPA-8260 | U       | 10                  | 1                  | UG/KG | 01/22/2024       | DLC            |
| Ethylbenzene       | EPA-8260 | U       | 10                  | 1                  | UG/KG | 01/22/2024       | DLC            |
| m,p-Xylene         | EPA-8260 | U       | 20                  | 1                  | UG/KG | 01/22/2024       | DLC            |
| o-Xylene           | EPA-8260 | U       | 10                  | 1                  | UG/KG | 01/22/2024       | DLC            |

| SURROGATE  | METHOD   | %REC | ANALYSIS<br>DATE | ANALYSIS<br>BY |
|------------|----------|------|------------------|----------------|
| TFT        | NWTPH-GX | 95.1 | 01/22/2024       | MNC            |
| Toluene-d8 | EPA-8260 | 100  | 01/22/2024       | DLC            |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                      |
|------------------|------------------------|---------------------|----------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/22/2024            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010111           |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010111-02        |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/19/2024           |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/19/2024 1:15:00 PM |
| CLIENT SAMPLE ID | B-24_72_20240119       | WDOE ACCREDITATION: | C601                 |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 01/22/2024    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 01/22/2024    | DLC         |
| Toluene            | EPA-8260 | 12      | 10               | 1               | UG/KG | 01/22/2024    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 01/22/2024    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 01/22/2024    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 01/22/2024    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 80.7 | 01/22/2024    | MNC         |
| Toluene-d8 | EPA-8260 | 100  | 01/22/2024    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                      |
|------------------|------------------------|---------------------|----------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/22/2024            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010111           |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010111-03        |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/19/2024           |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/19/2024 1:55:00 PM |
| CLIENT SAMPLE ID | B-27_72_20240119       | WDOE ACCREDITATION: | C601                 |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING<br>LIMITS | DILUTION<br>FACTOR | UNITS | ANALYSIS<br>DATE | ANALYSIS<br>BY |
|--------------------|----------|---------|---------------------|--------------------|-------|------------------|----------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0                 | 1                  | MG/KG | 01/22/2024       | MNC            |
| Benzene            | EPA-8260 | U       | 5.0                 | 1                  | UG/KG | 01/22/2024       | DLC            |
| Toluene            | EPA-8260 | U       | 10                  | 1                  | UG/KG | 01/22/2024       | DLC            |
| Ethylbenzene       | EPA-8260 | U       | 10                  | 1                  | UG/KG | 01/22/2024       | DLC            |
| m,p-Xylene         | EPA-8260 | U       | 20                  | 1                  | UG/KG | 01/22/2024       | DLC            |
| o-Xylene           | EPA-8260 | U       | 10                  | 1                  | UG/KG | 01/22/2024       | DLC            |

| SURROGATE  | METHOD   | %REC | ANALYSIS<br>DATE | ANALYSIS<br>BY |
|------------|----------|------|------------------|----------------|
| TFT        | NWTPH-GX | 72.6 | 01/22/2024       | MNC            |
| Toluene-d8 | EPA-8260 | 99.4 | 01/22/2024       | DLC            |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                      |
|------------------|------------------------|---------------------|----------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/22/2024            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010111           |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010111-04        |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/19/2024           |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/19/2024 2:00:00 PM |
| CLIENT SAMPLE ID | B-28_72_20240119       | WDOE ACCREDITATION: | C601                 |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 01/22/2024    | MNC         |
| Benzene            | EPA-8260 | 17      | 5.0              | 1               | UG/KG | 01/22/2024    | DLC         |
| Toluene            | EPA-8260 | 34      | 10               | 1               | UG/KG | 01/22/2024    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 01/22/2024    | DLC         |
| m,p-Xylene         | EPA-8260 | 24      | 20               | 1               | UG/KG | 01/22/2024    | DLC         |
| o-Xylene           | EPA-8260 | 11      | 10               | 1               | UG/KG | 01/22/2024    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 87.3 | 01/22/2024    | MNC         |
| Toluene-d8 | EPA-8260 | 100  | 01/22/2024    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                      |
|------------------|------------------------|---------------------|----------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/22/2024            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010111           |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010111-05        |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/19/2024           |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/19/2024 2:40:00 PM |
| CLIENT SAMPLE ID | B-6_30_20240119        | WDOE ACCREDITATION: | C601                 |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 01/22/2024    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 01/22/2024    | DLC         |
| Toluene            | EPA-8260 | 28      | 10               | 1               | UG/KG | 01/22/2024    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 01/22/2024    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 01/22/2024    | DLC         |
| o-Xylene           | EPA-8260 | 10      | 10               | 1               | UG/KG | 01/22/2024    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 95.6 | 01/22/2024    | MNC         |
| Toluene-d8 | EPA-8260 | 98.8 | 01/22/2024    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                      |
|------------------|------------------------|---------------------|----------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/22/2024            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010111           |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010111-06        |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/19/2024           |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/19/2024 2:30:00 PM |
| CLIENT SAMPLE ID | SW-S-10C_24_20240119   | WDOE ACCREDITATION: | C601                 |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 01/22/2024    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 01/22/2024    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 01/22/2024    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 01/22/2024    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 01/22/2024    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 01/22/2024    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 99.4 | 01/22/2024    | MNC         |
| Toluene-d8 | EPA-8260 | 99.6 | 01/22/2024    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                      |
|------------------|------------------------|---------------------|----------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/22/2024            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010111           |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010111-07        |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/19/2024           |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/19/2024 3:00:00 PM |
| CLIENT SAMPLE ID | B-21_90_20240119       | WDOE ACCREDITATION: | C601                 |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 01/22/2024    | MNC         |
| Benzene            | EPA-8260 | 47      | 5.0              | 1               | UG/KG | 01/22/2024    | DLC         |
| Toluene            | EPA-8260 | 400     | 15               | 1               | UG/KG | 01/22/2024    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 01/22/2024    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 01/22/2024    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 01/22/2024    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 81.7 | 01/22/2024    | MNC         |
| Toluene-d8 | EPA-8260 | 99.6 | 01/22/2024    | DLC         |
| Toluene-d8 | EPA-8260 | 101  | 01/22/2024    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                      |
|------------------|------------------------|---------------------|----------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/22/2024            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010111           |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010111-08        |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/19/2024           |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/19/2024 4:30:00 PM |
| CLIENT SAMPLE ID | SW-N-14_47_20240119    | WDOE ACCREDITATION: | C601                 |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 01/22/2024    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 01/22/2024    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 01/22/2024    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 01/22/2024    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 01/22/2024    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 01/22/2024    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 84.1 | 01/22/2024    | MNC         |
| Toluene-d8 | EPA-8260 | 99.5 | 01/22/2024    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                      |
|------------------|------------------------|---------------------|----------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/22/2024            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010111           |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010111-09        |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/19/2024           |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/19/2024 4:30:00 PM |
| CLIENT SAMPLE ID | SW-S-14_47_20240119    | WDOE ACCREDITATION: | C601                 |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 01/22/2024    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 01/22/2024    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 01/22/2024    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 01/22/2024    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 01/22/2024    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 01/22/2024    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 90.9 | 01/22/2024    | MNC         |
| Toluene-d8 | EPA-8260 | 100  | 01/22/2024    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                      |
|------------------|------------------------|---------------------|----------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/22/2024            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010111           |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010111-10        |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/19/2024           |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/19/2024 4:30:00 PM |
| CLIENT SAMPLE ID | B-31_84_20240119       | WDOE ACCREDITATION: | C601                 |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 01/22/2024    | MNC         |
| Benzene            | EPA-8260 | 23      | 5.0              | 1               | UG/KG | 01/22/2024    | DLC         |
| Toluene            | EPA-8260 | 52      | 10               | 1               | UG/KG | 01/22/2024    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 01/22/2024    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 01/22/2024    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 01/22/2024    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 83.8 | 01/22/2024    | MNC         |
| Toluene-d8 | EPA-8260 | 100  | 01/22/2024    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.



## CERTIFICATE OF ANALYSIS

CLIENT: Antea Group  
18378-B Redmond Way  
Redmond, WA 98052-5012  
DATE: 1/22/2024  
ALS SDG#: EV24010111  
WDOE ACCREDITATION: C601  
CLIENT CONTACT: Megan Richard  
CLIENT PROJECT: MP-46

## LABORATORY BLANK RESULTS

### MBG-012124S - Batch 206274 - Soil by NWTPH-GX

| ANALYTE            | METHOD   | RESULTS | UNITS | REPORTING<br>LIMITS | ANALYSIS<br>DATE | ANALYSIS<br>BY |
|--------------------|----------|---------|-------|---------------------|------------------|----------------|
| TPH-Volatile Range | NWTPH-GX | U       | MG/KG | 3.0                 | 01/21/2024       | MNC            |

U - Analyte analyzed for but not detected at level above reporting limit.

### MB-012224S - Batch 206275 - Soil by EPA-8260

| ANALYTE      | METHOD   | RESULTS | UNITS | REPORTING<br>LIMITS | ANALYSIS<br>DATE | ANALYSIS<br>BY |
|--------------|----------|---------|-------|---------------------|------------------|----------------|
| Benzene      | EPA-8260 | U       | UG/KG | 5.0                 | 01/22/2024       | DLC            |
| Toluene      | EPA-8260 | U       | UG/KG | 10                  | 01/22/2024       | DLC            |
| Ethylbenzene | EPA-8260 | U       | UG/KG | 10                  | 01/22/2024       | DLC            |
| m,p-Xylene   | EPA-8260 | U       | UG/KG | 20                  | 01/22/2024       | DLC            |
| o-Xylene     | EPA-8260 | U       | UG/KG | 10                  | 01/22/2024       | DLC            |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                 |                        |                     |            |
|-----------------|------------------------|---------------------|------------|
| CLIENT:         | Antea Group            | DATE:               | 1/22/2024  |
|                 | 18378-B Redmond Way    | ALS SDG#:           | EV24010111 |
|                 | Redmond, WA 98052-5012 | WDOE ACCREDITATION: | C601       |
| CLIENT CONTACT: | Megan Richard          |                     |            |
| CLIENT PROJECT: | MP-46                  |                     |            |

**LABORATORY CONTROL SAMPLE RESULTS**
**ALS Test Batch ID: 206274 - Soil by NWTPH-GX**

| SPIKED COMPOUND          | METHOD   | %REC | RPD | QUAL | LIMITS |       | ANALYSIS DATE | ANALYSIS BY |
|--------------------------|----------|------|-----|------|--------|-------|---------------|-------------|
|                          |          |      |     |      | MIN    | MAX   |               |             |
| TPH-Volatile Range - BS  | NWTPH-GX | 93.4 |     |      | 66.5   | 122.7 | 01/21/2024    | MNC         |
| TPH-Volatile Range - BSD | NWTPH-GX | 100  | 7   |      | 66.5   | 122.7 | 01/22/2024    | MNC         |

**ALS Test Batch ID: 206275 - Soil by EPA-8260**

| SPIKED COMPOUND    | METHOD   | %REC | RPD | QUAL | LIMITS |       | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|------|-----|------|--------|-------|---------------|-------------|
|                    |          |      |     |      | MIN    | MAX   |               |             |
| Benzene - BS       | EPA-8260 | 95.8 |     |      | 75     | 138   | 01/22/2024    | DLC         |
| Benzene - BSD      | EPA-8260 | 87.1 | 10  |      | 75     | 138   | 01/22/2024    | DLC         |
| Toluene - BS       | EPA-8260 | 98.0 |     |      | 71.6   | 122.1 | 01/22/2024    | DLC         |
| Toluene - BSD      | EPA-8260 | 89.0 | 10  |      | 71.6   | 122.1 | 01/22/2024    | DLC         |
| Ethylbenzene - BS  | EPA-8260 | 97.6 |     |      | 50     | 150   | 01/22/2024    | DLC         |
| Ethylbenzene - BSD | EPA-8260 | 90.9 | 7   |      | 50     | 150   | 01/22/2024    | DLC         |
| m,p-Xylene - BS    | EPA-8260 | 95.8 |     |      | 50     | 150   | 01/22/2024    | DLC         |
| m,p-Xylene - BSD   | EPA-8260 | 89.5 | 7   |      | 50     | 150   | 01/22/2024    | DLC         |
| o-Xylene - BS      | EPA-8260 | 98.0 |     |      | 50     | 150   | 01/22/2024    | DLC         |
| o-Xylene - BSD     | EPA-8260 | 91.9 | 6   |      | 50     | 150   | 01/22/2024    | DLC         |

APPROVED BY



Rob Greer  
Laboratory Director



## ALS Job# (Laboratory Use Only)

EV24010111

Date 1/19/24 Page 1 Of 1

[illegible]

### SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

Received By: AS 1/19/24 1752

Received By:

TURNAROUND REQUESTED in Business Days\*

OTHER:

Organic, Metals &amp; Inorganic Analysis

10      5      3      2      1      SAME DAY

Fuels &amp; Hydrocarbon Analysis

5 3 1 SAM  
DAY

Specify: \_\_\_\_\_

24 h

\*Turnaround request less than standard may incur Rush Charges

# ALS ENVIRONMENTAL

## Sample Receiving Checklist

Client: Antea ALS Job#: EV24010111

Project: MP-46

Login Date: 1/19/24 Login Time: 1752 Login By: CCP

Type of Shipping Container: Cooler ☒ Box ☐ Other ☐

Shipped via: FedEx Ground ☐ UPS ☐ Courier ☐ Hand Delivered ☒ ALS Courier ☐  
FedEx Express ☐

|                                                                      | Yes                                 | No                                  | N/A                                 |
|----------------------------------------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Were custody seals on outside of shipping container?                 |                                     | <input checked="" type="checkbox"/> |                                     |
| If yes, how many? _____ Where? _____                                 |                                     |                                     |                                     |
| Custody seal date: _____ Seal name: _____                            |                                     |                                     |                                     |
| Was Chain of Custody properly filled out (ink, signed, dated, etc.)? | <input checked="" type="checkbox"/> |                                     |                                     |
| Did all bottles have labels?                                         | <input checked="" type="checkbox"/> |                                     |                                     |
| Did all bottle labels and tags agree with Chain of Custody?          | <input checked="" type="checkbox"/> |                                     |                                     |
| Were samples received within hold time?                              | <input checked="" type="checkbox"/> |                                     |                                     |
| Did all bottles arrive in good condition (unbroken, etc.)?           | <input checked="" type="checkbox"/> |                                     |                                     |
| Was sufficient amount of sample sent for the tests indicated?        | <input checked="" type="checkbox"/> |                                     |                                     |
| Was correct preservation added to samples?                           | <input checked="" type="checkbox"/> |                                     |                                     |
| Subcontract test containers added to Subcontract Bin?                |                                     |                                     | <input checked="" type="checkbox"/> |
| Wetchem test containers marked with required Tests?                  |                                     |                                     | <input checked="" type="checkbox"/> |
| Short hold time test containers delivered to analysts?               |                                     |                                     | <input checked="" type="checkbox"/> |
| Were VOA vials checked for absence of air bubbles?                   |                                     |                                     | <input checked="" type="checkbox"/> |
| Bubbles present in sample #: _____                                   |                                     |                                     |                                     |

5035A kits received? 10 # Low Kits: 10 # High Kits: \_\_\_\_\_

5035A kits returned? # Low Kits: \_\_\_\_\_ # High Kits: \_\_\_\_\_

Temperature of cooler upon receipt: 3.9C On ice? ☒

Explain any discrepancies:

Was client contacted? \_\_\_\_\_ Who was called? \_\_\_\_\_ By whom? \_\_\_\_\_ Date: \_\_\_\_\_

Outcome of call:



January 17, 2024

Ms. Megan Richard  
Antea Group  
18378-B Redmond Way  
Redmond, WA 98052-5012

Dear Ms. Richard,

On January 16th, 9 samples were received by our laboratory and assigned our laboratory project number EV24010091. The project was identified as your MP-46. The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Rob Greer  
Laboratory Director

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/17/2024             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010091            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010091-01         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/16/2024            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/16/2024 11:00:00 AM |
| CLIENT SAMPLE ID | B-19_84_20240116       | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING<br>LIMITS | DILUTION<br>FACTOR | UNITS | ANALYSIS<br>DATE | ANALYSIS<br>BY |
|--------------------|----------|---------|---------------------|--------------------|-------|------------------|----------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0                 | 1                  | MG/KG | 01/16/2024       | MNC            |
| Benzene            | EPA-8260 | 9.1     | 5.0                 | 1                  | UG/KG | 01/17/2024       | DLC            |
| Toluene            | EPA-8260 | 46      | 10                  | 1                  | UG/KG | 01/17/2024       | DLC            |
| Ethylbenzene       | EPA-8260 | U       | 10                  | 1                  | UG/KG | 01/17/2024       | DLC            |
| m,p-Xylene         | EPA-8260 | U       | 20                  | 1                  | UG/KG | 01/17/2024       | DLC            |
| o-Xylene           | EPA-8260 | U       | 10                  | 1                  | UG/KG | 01/17/2024       | DLC            |

| SURROGATE  | METHOD   | %REC | ANALYSIS<br>DATE | ANALYSIS<br>BY |
|------------|----------|------|------------------|----------------|
| TFT        | NWTPH-GX | 91.3 | 01/16/2024       | MNC            |
| Toluene-d8 | EPA-8260 | 95.9 | 01/17/2024       | DLC            |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/17/2024             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010091            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010091-02         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/16/2024            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/16/2024 11:10:00 AM |
| CLIENT SAMPLE ID | B-30_84_20240116       | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 01/16/2024    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 01/17/2024    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 01/17/2024    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 01/17/2024    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 01/17/2024    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 01/17/2024    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 86.8 | 01/16/2024    | MNC         |
| Toluene-d8 | EPA-8260 | 94.4 | 01/17/2024    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/17/2024             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010091            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010091-03         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/16/2024            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/16/2024 11:15:00 AM |
| CLIENT SAMPLE ID | B-18_72_20240116       | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 01/16/2024    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 01/17/2024    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 01/17/2024    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 01/17/2024    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 01/17/2024    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 01/17/2024    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 103  | 01/16/2024    | MNC         |
| Toluene-d8 | EPA-8260 | 95.9 | 01/17/2024    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/17/2024             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010091            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010091-04         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/16/2024            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/16/2024 11:30:00 AM |
| CLIENT SAMPLE ID | SW-S-10_47_20240116    | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 01/16/2024    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 01/17/2024    | DLC         |
| Toluene            | EPA-8260 | 18      | 10               | 1               | UG/KG | 01/17/2024    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 01/17/2024    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 01/17/2024    | DLC         |
| o-Xylene           | EPA-8260 | 11      | 10               | 1               | UG/KG | 01/17/2024    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 81.1 | 01/16/2024    | MNC         |
| Toluene-d8 | EPA-8260 | 92.2 | 01/17/2024    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/17/2024             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010091            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010091-05         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/16/2024            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/16/2024 11:35:00 AM |
| CLIENT SAMPLE ID | SW-N-10_47_20240116    | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING<br>LIMITS | DILUTION<br>FACTOR | UNITS | ANALYSIS<br>DATE | ANALYSIS<br>BY |
|--------------------|----------|---------|---------------------|--------------------|-------|------------------|----------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0                 | 1                  | MG/KG | 01/17/2024       | MNC            |
| Benzene            | EPA-8260 | U       | 5.0                 | 1                  | UG/KG | 01/17/2024       | DLC            |
| Toluene            | EPA-8260 | U       | 10                  | 1                  | UG/KG | 01/17/2024       | DLC            |
| Ethylbenzene       | EPA-8260 | U       | 10                  | 1                  | UG/KG | 01/17/2024       | DLC            |
| m,p-Xylene         | EPA-8260 | U       | 20                  | 1                  | UG/KG | 01/17/2024       | DLC            |
| o-Xylene           | EPA-8260 | U       | 10                  | 1                  | UG/KG | 01/17/2024       | DLC            |

| SURROGATE  | METHOD   | %REC | ANALYSIS<br>DATE | ANALYSIS<br>BY |
|------------|----------|------|------------------|----------------|
| TFT        | NWTPH-GX | 82.9 | 01/17/2024       | MNC            |
| Toluene-d8 | EPA-8260 | 94.7 | 01/17/2024       | DLC            |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/17/2024             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010091            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010091-06         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/16/2024            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/16/2024 11:37:00 AM |
| CLIENT SAMPLE ID | SW-S-10b_24_20240116   | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 67      | 3.0              | 1               | MG/KG | 01/17/2024    | MNC         |
| Benzene            | EPA-8260 | 250     | 23               | 1               | UG/KG | 01/17/2024    | DLC         |
| Toluene            | EPA-8260 | 7300    | 140              | 10              | UG/KG | 01/17/2024    | DLC         |
| Ethylbenzene       | EPA-8260 | 1000    | 20               | 1               | UG/KG | 01/17/2024    | DLC         |
| m,p-Xylene         | EPA-8260 | 3600    | 38               | 1               | UG/KG | 01/17/2024    | DLC         |
| o-Xylene           | EPA-8260 | 1500    | 24               | 1               | UG/KG | 01/17/2024    | DLC         |

| SURROGATE               | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|-------------------------|----------|------|---------------|-------------|
| TFT                     | NWTPH-GX | 109  | 01/17/2024    | MNC         |
| Toluene-d8              | EPA-8260 | 95.4 | 01/17/2024    | DLC         |
| Toluene-d8 10X Dilution | EPA-8260 | 98.9 | 01/17/2024    | DLC         |

Chromatogram indicates that it is likely that sample contains weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/17/2024             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010091            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010091-07         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/16/2024            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/16/2024 11:50:00 AM |
| CLIENT SAMPLE ID | B-21_84_20240116       | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING<br>LIMITS | DILUTION<br>FACTOR | UNITS | ANALYSIS<br>DATE | ANALYSIS<br>BY |
|--------------------|----------|---------|---------------------|--------------------|-------|------------------|----------------|
| TPH-Volatile Range | NWTPH-GX | 3.3     | 3.0                 | 1                  | MG/KG | 01/17/2024       | MNC            |
| Benzene            | EPA-8260 | 53      | 20                  | 1                  | UG/KG | 01/17/2024       | DLC            |
| Toluene            | EPA-8260 | 470     | 12                  | 1                  | UG/KG | 01/17/2024       | DLC            |
| Ethylbenzene       | EPA-8260 | 31      | 17                  | 1                  | UG/KG | 01/17/2024       | DLC            |
| m,p-Xylene         | EPA-8260 | 100     | 34                  | 1                  | UG/KG | 01/17/2024       | DLC            |
| o-Xylene           | EPA-8260 | 52      | 21                  | 1                  | UG/KG | 01/17/2024       | DLC            |

| SURROGATE  | METHOD   | %REC | ANALYSIS<br>DATE | ANALYSIS<br>BY |
|------------|----------|------|------------------|----------------|
| TFT        | NWTPH-GX | 87.5 | 01/17/2024       | MNC            |
| Toluene-d8 | EPA-8260 | 99.3 | 01/17/2024       | DLC            |

Chromatogram indicates that it is likely that sample contains highly weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/17/2024             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010091            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010091-08         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/16/2024            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/16/2024 11:55:00 AM |
| CLIENT SAMPLE ID | B-29_84_20240116       | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 01/17/2024    | MNC         |
| Benzene            | EPA-8260 | 28      | 24               | 1               | UG/KG | 01/17/2024    | DLC         |
| Toluene            | EPA-8260 | 440     | 14               | 1               | UG/KG | 01/17/2024    | DLC         |
| Ethylbenzene       | EPA-8260 | 30      | 20               | 1               | UG/KG | 01/17/2024    | DLC         |
| m,p-Xylene         | EPA-8260 | 94      | 39               | 1               | UG/KG | 01/17/2024    | DLC         |
| o-Xylene           | EPA-8260 | 44      | 24               | 1               | UG/KG | 01/17/2024    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 86.5 | 01/17/2024    | MNC         |
| Toluene-d8 | EPA-8260 | 100  | 01/17/2024    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/17/2024             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010091            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010091-09         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/16/2024            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/16/2024 12:05:00 PM |
| CLIENT SAMPLE ID | B-20_72_20240116       | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 01/17/2024    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 01/17/2024    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 01/17/2024    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 01/17/2024    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 01/17/2024    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 01/17/2024    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 86.2 | 01/17/2024    | MNC         |
| Toluene-d8 | EPA-8260 | 95.0 | 01/17/2024    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.



## CERTIFICATE OF ANALYSIS

CLIENT: Antea Group  
18378-B Redmond Way  
Redmond, WA 98052-5012  
DATE: 1/17/2024  
ALS SDG#: EV24010091  
WDOE ACCREDITATION: C601

CLIENT CONTACT: Megan Richard  
CLIENT PROJECT: MP-46

## LABORATORY BLANK RESULTS

### MBG-011624S - Batch 206062 - Soil by NWTPH-GX

| ANALYTE            | METHOD   | RESULTS | UNITS | REPORTING<br>LIMITS | ANALYSIS<br>DATE | ANALYSIS<br>BY |
|--------------------|----------|---------|-------|---------------------|------------------|----------------|
| TPH-Volatile Range | NWTPH-GX | U       | MG/KG | 3.0                 | 01/16/2024       | MNC            |

U - Analyte analyzed for but not detected at level above reporting limit.

### MB-011624S - Batch 206061 - Soil by EPA-8260

| ANALYTE      | METHOD   | RESULTS | UNITS | REPORTING<br>LIMITS | ANALYSIS<br>DATE | ANALYSIS<br>BY |
|--------------|----------|---------|-------|---------------------|------------------|----------------|
| Benzene      | EPA-8260 | U       | UG/KG | 5.0                 | 01/16/2024       | DLC            |
| Toluene      | EPA-8260 | U       | UG/KG | 10                  | 01/16/2024       | DLC            |
| Ethylbenzene | EPA-8260 | U       | UG/KG | 10                  | 01/16/2024       | DLC            |
| m,p-Xylene   | EPA-8260 | U       | UG/KG | 20                  | 01/16/2024       | DLC            |
| o-Xylene     | EPA-8260 | U       | UG/KG | 10                  | 01/16/2024       | DLC            |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                 |                        |                     |            |
|-----------------|------------------------|---------------------|------------|
| CLIENT:         | Antea Group            | DATE:               | 1/17/2024  |
|                 | 18378-B Redmond Way    | ALS SDG#:           | EV24010091 |
|                 | Redmond, WA 98052-5012 | WDOE ACCREDITATION: | C601       |
| CLIENT CONTACT: | Megan Richard          |                     |            |
| CLIENT PROJECT: | MP-46                  |                     |            |

**LABORATORY CONTROL SAMPLE RESULTS**
**ALS Test Batch ID: 206062 - Soil by NWTPH-GX**

| SPIKED COMPOUND          | METHOD   | %REC | RPD | QUAL | LIMITS |       | ANALYSIS DATE | ANALYSIS BY |
|--------------------------|----------|------|-----|------|--------|-------|---------------|-------------|
|                          |          |      |     |      | MIN    | MAX   |               |             |
| TPH-Volatile Range - BS  | NWTPH-GX | 97.1 |     |      | 66.5   | 122.7 | 01/16/2024    | MNC         |
| TPH-Volatile Range - BSD | NWTPH-GX | 100  | 3   |      | 66.5   | 122.7 | 01/16/2024    | MNC         |

**ALS Test Batch ID: 206061 - Soil by EPA-8260**

| SPIKED COMPOUND    | METHOD   | %REC | RPD | QUAL | LIMITS |       | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|------|-----|------|--------|-------|---------------|-------------|
|                    |          |      |     |      | MIN    | MAX   |               |             |
| Benzene - BS       | EPA-8260 | 98.2 |     |      | 75     | 138   | 01/16/2024    | DLC         |
| Benzene - BSD      | EPA-8260 | 98.6 | 0   |      | 75     | 138   | 01/16/2024    | DLC         |
| Toluene - BS       | EPA-8260 | 98.3 |     |      | 71.6   | 122.1 | 01/16/2024    | DLC         |
| Toluene - BSD      | EPA-8260 | 98.7 | 0   |      | 71.6   | 122.1 | 01/16/2024    | DLC         |
| Ethylbenzene - BS  | EPA-8260 | 97.9 |     |      | 50     | 150   | 01/16/2024    | DLC         |
| Ethylbenzene - BSD | EPA-8260 | 97.5 | 0   |      | 50     | 150   | 01/16/2024    | DLC         |
| m,p-Xylene - BS    | EPA-8260 | 97.5 |     |      | 50     | 150   | 01/16/2024    | DLC         |
| m,p-Xylene - BSD   | EPA-8260 | 97.4 | 0   |      | 50     | 150   | 01/16/2024    | DLC         |
| o-Xylene - BS      | EPA-8260 | 100  |     |      | 50     | 150   | 01/16/2024    | DLC         |
| o-Xylene - BSD     | EPA-8260 | 99.7 | 0   |      | 50     | 150   | 01/16/2024    | DLC         |

APPROVED BY



Rob Greer  
Laboratory Director



**ALS Environmental**  
8620 Holly Drive, Suite 100  
Everett, WA 98208  
Phone (425) 356-2600  
Fax (425) 356-2626  
<http://www.alsglobal.com>

# Chain Of Custody/ Laboratory Analysis Request

ALS Lab# 8620 Holly Drive, Suite 100

**EV24010091**

Date 1/16/24 Page 1 Of 1

| PROJECT ID: <u>MP-46</u>                               |                |              |             |          | ANALYSIS REQUESTED |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        | OTHER (Specify) |     |                        |             |     |          |      |       |                      |                             |
|--------------------------------------------------------|----------------|--------------|-------------|----------|--------------------|----------|----------|------------------|------------------|-----------------------------------|----------------------------------------|-----------------------------------|------------------------------|--------------------------------------------|--------------------------------------------------------|-----------------|------------------------|---------------|--------|-----------------|-----|------------------------|-------------|-----|----------|------|-------|----------------------|-----------------------------|
| REPORT TO COMPANY: <u>Antea Group</u>                  |                |              |             |          | NWTPH-HCID         | NWTPH-DX | NWTPH-GX | BTEX by EPA 8021 | MTBE by EPA 8021 | Halogenated Volatiles by EPA 8260 | Volatile Organic Compounds by EPA 8260 | EDB / EDC by EPA 8260 SIM (water) | EDB / EDC by EPA 8260 (soil) | Semivolatile Organic Compounds by EPA 8270 | Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM | PCB by EPA 8082 | Pesticides by EPA 8081 | Metals-MTCA-5 | RCRA-8 | Pri Pol         | TAL | Metals Other (Specify) | TCLP-Metals | VOA | Semi-Vol | Pest | Herbs | NUMBER OF CONTAINERS | RECEIVED IN GOOD CONDITION? |
| PROJECT MANAGER: <u>Megan Richard</u>                  |                |              |             |          |                    |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |
| ADDRESS: <u>18316-B Redmond Way</u>                    |                |              |             |          |                    |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |
| <u>Redmond, WA</u>                                     |                |              |             |          |                    |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |
| PHONE: <u>206-854-0349</u> P.O. #:                     |                |              |             |          |                    |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |
| E-MAIL: <u>Megan.Richard@anteagroup.us</u>             |                |              |             |          |                    |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |
| INVOICE TO COMPANY: <u>same as above</u>               |                |              |             |          |                    |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |
| ATTENTION: <u>DigitalSolutions.equis@anteagroup.us</u> |                |              |             |          |                    |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |
| ADDRESS: <u>same as above</u>                          |                |              |             |          |                    |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |
| SAMPLE I.D.                                            | DATE           | TIME         | TYPE        | LAB#     |                    |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |
| 1. <u>B-19-84-20240116</u>                             | <u>1/16/24</u> | <u>11:00</u> | <u>Soil</u> | <u>1</u> |                    |          | X        | X                |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |
| 2. <u>B-30-84-20240116</u>                             | <u>1/16/24</u> | <u>11:10</u> | <u>1</u>    | <u>2</u> |                    |          | X        | X                |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |
| 3. <u>B-18-72-20240116</u>                             | <u>1/16/24</u> | <u>11:15</u> | <u>1</u>    | <u>3</u> |                    |          | X        | X                |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |
| 4. <u>SW-S-10-47-20240116</u>                          | <u>1/16/24</u> | <u>11:30</u> | <u>1</u>    | <u>4</u> |                    |          | X        | X                |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |
| 5. <u>SW-N-10-47-20240116</u>                          | <u>1/16/24</u> | <u>11:35</u> | <u>1</u>    | <u>5</u> |                    |          | X        | X                |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |
| 6. <u>SW-S-10b-24-20240116</u>                         | <u>1/16/24</u> | <u>11:37</u> | <u>1</u>    | <u>6</u> |                    |          | X        | X                |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |
| 7. <u>B-21-84-20240116</u>                             | <u>1/16/24</u> | <u>11:50</u> | <u>1</u>    | <u>7</u> |                    |          | X        | X                |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |
| 8. <u>B-29-84-20240116</u>                             | <u>1/16/24</u> | <u>11:55</u> | <u>1</u>    | <u>8</u> |                    |          | X        | X                |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |
| 9. <u>B-20-72-20240116</u>                             | <u>1/16/24</u> | <u>12:05</u> | <u>✓</u>    | <u>9</u> |                    |          | X        | X                |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |
| 10.                                                    |                |              |             |          |                    |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |

## SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

- Relinquished By: Mariah Murphy, Agt, 1/16/24  
Received By: B-Acs 1/16/24 1415
- Relinquished By: \_\_\_\_\_  
Received By: \_\_\_\_\_

TURNAROUND REQUESTED in Business Days\*

Organic, Metals & Inorganic Analysis

OTHER:

10 5 3 2 1 SAME DAY  
Standard

Specify: 24 HR

Fuels & Hydrocarbon Analysis

5 3 1 SAME DAY  
Standard

TAT

\*Turnaround request less than standard may incur Rush Charges

# ALS ENVIRONMENTAL

## Sample Receiving Checklist

Client: ANTEA GROUP

ALS Job#: E24010091

Project: ME-46

Login Date: 01-16-24

Login Time: 1420

Login By: ANF

Type of Shipping Container: Cooler ☒

Box ☐

Other ☐

Shipped via: FedEx Ground ☐  
FedEx Express ☐

UPS ☐

Courier ☐

Hand Delivered ☒

ALS Courier ☐

Yes

No

N/A

Were custody seals on outside of shipping container?

If yes, how many?            Where?           

Custody seal date:            Seal name:           

Was Chain of Custody properly filled out (ink, signed, dated, etc.)?

☒

Did all bottles have labels?

☒

Did all bottle labels and tags agree with Chain of Custody?

☒

Were samples received within hold time?

☒

Did all bottles arrive in good condition (unbroken, etc.)?

☒

Was sufficient amount of sample sent for the tests indicated?

☒

Was correct preservation added to samples?

☒

Subcontract test containers added to Subcontract Bin?

Wetchem test containers marked with required Tests?

Short hold time test containers delivered to analysts?

Were VOA vials checked for absence of air bubbles?

Bubbles present in sample #:           

5035A kits received?

# Low Kits: 9\*

# High Kits:           

☒

5035A kits returned?

# Low Kits:           

# High Kits:           

Temperature of cooler upon receipt: 12.1 °C

On ice? ☒

Explain any discrepancies: ON SAMPLES 4, 5 & 7, CLIENT PROVIDED ADDITIONAL SODIUM BISULFATE INSTEAD OF MEOH VIAL. LOW-KIT COMPLETED FROM 402 SAMPLE

Was client contacted?            Who was called?            By whom?            Date:           

Outcome of call:



January 11, 2024

Ms. Megan Richard  
Antea Group  
18378-B Redmond Way  
Redmond, WA 98052-5012

Dear Ms. Richard,

On January 10th, 3 samples were received by our laboratory and assigned our laboratory project number EV24010062. The project was identified as your MP-46. The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Rob Greer  
Laboratory Director



# CERTIFICATE OF ANALYSIS

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/11/2024             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010062            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010062-01         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/10/2024            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/10/2024 12:10:00 PM |
| CLIENT SAMPLE ID | SW-N-7_47_20240110     | WDOE ACCREDITATION: | C601                  |

## SAMPLE DATA RESULTS

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 01/11/2024    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 01/11/2024    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 01/11/2024    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 01/11/2024    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 01/11/2024    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 01/11/2024    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 71.1 | 01/11/2024    | MNC         |
| Toluene-d8 | EPA-8260 | 92.2 | 01/11/2024    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/11/2024             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010062            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010062-02         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/10/2024            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/10/2024 12:05:00 PM |
| CLIENT SAMPLE ID | B-12_72_20240110       | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 01/11/2024    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 01/11/2024    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 01/11/2024    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 01/11/2024    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 01/11/2024    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 01/11/2024    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 75.6 | 01/11/2024    | MNC         |
| Toluene-d8 | EPA-8260 | 92.3 | 01/11/2024    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/11/2024             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010062            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010062-03         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/10/2024            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/10/2024 12:00:00 PM |
| CLIENT SAMPLE ID | B-26_72_20240110       | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 01/11/2024    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 01/11/2024    | DLC         |
| Toluene            | EPA-8260 | 17      | 10               | 1               | UG/KG | 01/11/2024    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 01/11/2024    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 01/11/2024    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 01/11/2024    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 82.7 | 01/11/2024    | MNC         |
| Toluene-d8 | EPA-8260 | 92.7 | 01/11/2024    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.



## CERTIFICATE OF ANALYSIS

CLIENT: Antea Group  
18378-B Redmond Way  
Redmond, WA 98052-5012  
DATE: 1/11/2024  
ALS SDG#: EV24010062  
WDOE ACCREDITATION: C601

CLIENT CONTACT: Megan Richard  
CLIENT PROJECT: MP-46

## LABORATORY BLANK RESULTS

### MBG-011124S - Batch 205928 - Soil by NWTPH-GX

| ANALYTE            | METHOD   | RESULTS | UNITS | REPORTING<br>LIMITS | ANALYSIS<br>DATE | ANALYSIS<br>BY |
|--------------------|----------|---------|-------|---------------------|------------------|----------------|
| TPH-Volatile Range | NWTPH-GX | U       | MG/KG | 3.0                 | 01/11/2024       | MNC            |

U - Analyte analyzed for but not detected at level above reporting limit.

### MB-011124S - Batch 205922 - Soil by EPA-8260

| ANALYTE      | METHOD   | RESULTS | UNITS | REPORTING<br>LIMITS | ANALYSIS<br>DATE | ANALYSIS<br>BY |
|--------------|----------|---------|-------|---------------------|------------------|----------------|
| Benzene      | EPA-8260 | U       | UG/KG | 5.0                 | 01/11/2024       | DLC            |
| Toluene      | EPA-8260 | U       | UG/KG | 10                  | 01/11/2024       | DLC            |
| Ethylbenzene | EPA-8260 | U       | UG/KG | 10                  | 01/11/2024       | DLC            |
| m,p-Xylene   | EPA-8260 | U       | UG/KG | 20                  | 01/11/2024       | DLC            |
| o-Xylene     | EPA-8260 | U       | UG/KG | 10                  | 01/11/2024       | DLC            |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                 |                        |                     |            |
|-----------------|------------------------|---------------------|------------|
| CLIENT:         | Antea Group            | DATE:               | 1/11/2024  |
|                 | 18378-B Redmond Way    | ALS SDG#:           | EV24010062 |
|                 | Redmond, WA 98052-5012 | WDOE ACCREDITATION: | C601       |
| CLIENT CONTACT: | Megan Richard          |                     |            |
| CLIENT PROJECT: | MP-46                  |                     |            |

**LABORATORY CONTROL SAMPLE RESULTS**
**ALS Test Batch ID: 205928 - Soil by NWTPH-GX**

| SPIKED COMPOUND          | METHOD   | %REC | RPD | QUAL | LIMITS |       | ANALYSIS DATE | ANALYSIS BY |
|--------------------------|----------|------|-----|------|--------|-------|---------------|-------------|
|                          |          |      |     |      | MIN    | MAX   |               |             |
| TPH-Volatile Range - BS  | NWTPH-GX | 99.9 |     |      | 66.5   | 122.7 | 01/11/2024    | MNC         |
| TPH-Volatile Range - BSD | NWTPH-GX | 99.4 | 0   |      | 66.5   | 122.7 | 01/11/2024    | MNC         |

**ALS Test Batch ID: 205922 - Soil by EPA-8260**

| SPIKED COMPOUND    | METHOD   | %REC | RPD | QUAL | LIMITS |       | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|------|-----|------|--------|-------|---------------|-------------|
|                    |          |      |     |      | MIN    | MAX   |               |             |
| Benzene - BS       | EPA-8260 | 119  |     |      | 75     | 138   | 01/11/2024    | DLC         |
| Benzene - BSD      | EPA-8260 | 105  | 13  |      | 75     | 138   | 01/11/2024    | DLC         |
| Toluene - BS       | EPA-8260 | 119  |     |      | 71.6   | 122.1 | 01/11/2024    | DLC         |
| Toluene - BSD      | EPA-8260 | 104  | 13  |      | 71.6   | 122.1 | 01/11/2024    | DLC         |
| Ethylbenzene - BS  | EPA-8260 | 110  |     |      | 50     | 150   | 01/11/2024    | DLC         |
| Ethylbenzene - BSD | EPA-8260 | 97.1 | 12  |      | 50     | 150   | 01/11/2024    | DLC         |
| m,p-Xylene - BS    | EPA-8260 | 111  |     |      | 50     | 150   | 01/11/2024    | DLC         |
| m,p-Xylene - BSD   | EPA-8260 | 97.9 | 12  |      | 50     | 150   | 01/11/2024    | DLC         |
| o-Xylene - BS      | EPA-8260 | 106  |     |      | 50     | 150   | 01/11/2024    | DLC         |
| o-Xylene - BSD     | EPA-8260 | 94.7 | 11  |      | 50     | 150   | 01/11/2024    | DLC         |

APPROVED BY



Rob Greer  
Laboratory Director



## ALS Job# (Laboratory Use Only)

EV24010062

Date 1/10/24 Page 1 Of 1

| PROJECT ID:          |         |      |      |      |     |
|----------------------|---------|------|------|------|-----|
| REPORT TO COMPANY:   |         |      |      |      |     |
| PROJECT MANAGER:     |         |      |      |      |     |
| ADDRESS:             |         |      |      |      |     |
| PHONE:               |         |      |      |      |     |
| E-MAIL:              |         |      |      |      |     |
| INVOICE TO COMPANY:  |         |      |      |      |     |
| ATTENTION:           |         |      |      |      |     |
| ADDRESS:             |         |      |      |      |     |
| SAMPLE I.D.          | DATE    | TIME | TYPE | LAB# |     |
| 1.SW-N-7-47-20240110 | 1/10/24 | 1210 | Soil | 1    | X X |
| 2.B-12-7Z-20240110   | ↓       | 1205 | ↓    | 2    | X X |
| 3.B-ZG-7Z-20240110   | ✓       | 1200 | ↓    | 3    | X X |
| 4.                   |         |      |      |      |     |
| 5.                   |         |      |      |      |     |
| 6.                   |         |      |      |      |     |
| 7.                   |         |      |      |      |     |
| 8.                   |         |      |      |      |     |
| 9.                   |         |      |      |      |     |
| 10.                  |         |      |      |      |     |

SIGNATURES (Name, Company, Date, Time):

Received By: che 1/10/24 ALSE 1420

Received By:

TURNAROUND REQUESTED in Business Days\*

OTHER:

Organic, Metals &amp; Inorganic Analysis

10      5      3      2      1      SAM  
DAY

Fuels &amp; Hydrocarbon Analysis

5 3 1 SAM  
DA

Specify: \_\_\_\_\_

Zuhr  
TAT

*\*Turnaround request less than standard may incur Rush Charges*

# ALS ENVIRONMENTAL

## Sample Receiving Checklist

Client: Antea ALS Job#: EV24010062

Project: MP-46

Login Date: 1/10/24 Login Time: 1420 Login By: CE

Type of Shipping Container: Cooler ☒ Box ☐ Other ☐

Shipped via: FedEx Ground ☐ UPS ☐ Courier ☐ Hand Delivered ☒ ALS Courier ☐  
FedEx Express ☐

Yes No N/A

Were custody seals on outside of shipping container? ☐ ☐ ☒  
If yes, how many?            Where?             
Custody seal date:            Seal name:           

Was Chain of Custody properly filled out (ink, signed, dated, etc.)? ☒ ☐ ☐

Did all bottles have labels? ☒ ☐ ☐

Did all bottle labels and tags agree with Chain of Custody? ☒ ☐ ☐

Were samples received within hold time? ☒ ☐ ☐

Did all bottles arrive in good condition (unbroken, etc.)? ☒ ☐ ☐

Was sufficient amount of sample sent for the tests indicated? ☒ ☐ ☐

Was correct preservation added to samples? ☒ ☐ ☐

Subcontract test containers added to Subcontract Bin? ☐ ☐ ☒

Wetchem test containers marked with required Tests? ☐ ☐ ☒

Short hold time test containers delivered to analysts? ☒ ☐ ☐

Were VOA vials checked for absence of air bubbles? ☐ ☐ ☒

Bubbles present in sample #:           

5035A kits received?  
# Low Kits: 3 # High Kits:           

✓  
Sodium Bisulfate kits

5035A kits returned?  
# Low Kits:            # High Kits:           

Temperature of cooler upon receipt: 9.8° On ice? ☐ ☒ ☐

Explain any discrepancies:

Was client contacted?            Who was called?            By whom?            Date:           

Outcome of call:



January 8, 2024

Ms. Megan Richard  
Antea Group  
18378-B Redmond Way  
Redmond, WA 98052-5012

Dear Ms. Richard,

On January 5th, 15 samples were received by our laboratory and assigned our laboratory project number EV24010034. The project was identified as your MP-46. The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Rob Greer  
Laboratory Director

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                      |
|------------------|------------------------|---------------------|----------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/8/2024             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010034           |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010034-01        |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/05/2024           |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/5/2024 11:50:00 AM |
| CLIENT SAMPLE ID | SW-N-7_36_20240105     | WDOE ACCREDITATION: | C601                 |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING<br>LIMITS | DILUTION<br>FACTOR | UNITS | ANALYSIS<br>DATE | ANALYSIS<br>BY |
|--------------------|----------|---------|---------------------|--------------------|-------|------------------|----------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0                 | 1                  | MG/KG | 01/05/2024       | MNC            |
| Benzene            | EPA-8260 | U       | 5.0                 | 1                  | UG/KG | 01/07/2024       | DLC            |
| Toluene            | EPA-8260 | U       | 10                  | 1                  | UG/KG | 01/07/2024       | DLC            |
| Ethylbenzene       | EPA-8260 | U       | 10                  | 1                  | UG/KG | 01/07/2024       | DLC            |
| m,p-Xylene         | EPA-8260 | U       | 20                  | 1                  | UG/KG | 01/07/2024       | DLC            |
| o-Xylene           | EPA-8260 | U       | 10                  | 1                  | UG/KG | 01/07/2024       | DLC            |

| SURROGATE  | METHOD   | %REC | ANALYSIS<br>DATE | ANALYSIS<br>BY |
|------------|----------|------|------------------|----------------|
| TFT        | NWTPH-GX | 126  | 01/05/2024       | MNC            |
| Toluene-d8 | EPA-8260 | 95.5 | 01/07/2024       | DLC            |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                      |
|------------------|------------------------|---------------------|----------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/8/2024             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010034           |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010034-02        |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/05/2024           |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/5/2024 11:55:00 AM |
| CLIENT SAMPLE ID | B-12_47_20240105       | WDOE ACCREDITATION: | C601                 |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 5.9     | 3.0              | 1               | MG/KG | 01/05/2024    | MNC         |
| Benzene            | EPA-8260 | 7.3     | 5.0              | 1               | UG/KG | 01/07/2024    | DLC         |
| Toluene            | EPA-8260 | 370     | 12               | 1               | UG/KG | 01/07/2024    | DLC         |
| Ethylbenzene       | EPA-8260 | 14      | 10               | 1               | UG/KG | 01/07/2024    | DLC         |
| m,p-Xylene         | EPA-8260 | 55      | 20               | 1               | UG/KG | 01/07/2024    | DLC         |
| o-Xylene           | EPA-8260 | 24      | 10               | 1               | UG/KG | 01/07/2024    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 97.8 | 01/05/2024    | MNC         |
| Toluene-d8 | EPA-8260 | 95.3 | 01/07/2024    | DLC         |
| Toluene-d8 | EPA-8260 | 98.2 | 01/07/2024    | DLC         |

Chromatogram indicates that it is likely that sample contains highly weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                      |
|------------------|------------------------|---------------------|----------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/8/2024             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010034           |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010034-03        |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/05/2024           |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/5/2024 12:00:00 PM |
| CLIENT SAMPLE ID | B-26_47_20240105       | WDOE ACCREDITATION: | C601                 |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 3500    | 300              | 100             | MG/KG | 01/08/2024    | MNC         |
| Benzene            | EPA-8260 | 2300    | 240              | 10              | UG/KG | 01/07/2024    | DLC         |
| Toluene            | EPA-8260 | 130000  | 1400             | 100             | UG/KG | 01/08/2024    | DLC         |
| Ethylbenzene       | EPA-8260 | 51000   | 2000             | 100             | UG/KG | 01/08/2024    | DLC         |
| m,p-Xylene         | EPA-8260 | 200000  | 4000             | 100             | UG/KG | 01/08/2024    | DLC         |
| o-Xylene           | EPA-8260 | 79000   | 2500             | 100             | UG/KG | 01/08/2024    | DLC         |

| SURROGATE                | METHOD   | %REC      | ANALYSIS DATE | ANALYSIS BY |
|--------------------------|----------|-----------|---------------|-------------|
| TFT 100X Dilution        | NWTPH-GX | 241 SUR07 | 01/08/2024    | MNC         |
| Toluene-d8 10X Dilution  | EPA-8260 | 107       | 01/07/2024    | DLC         |
| Toluene-d8 100X Dilution | EPA-8260 | 97.2      | 01/08/2024    | DLC         |

SUR07 -The surrogate recovery could not be determined due to dilution below the calibration range.  
Chromatogram indicates that it is likely that sample contains lightly weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                      |
|------------------|------------------------|---------------------|----------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/8/2024             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010034           |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010034-04        |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/05/2024           |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/5/2024 12:45:00 PM |
| CLIENT SAMPLE ID | SW-N-13_47_20240105    | WDOE ACCREDITATION: | C601                 |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 01/05/2024    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 01/07/2024    | DLC         |
| Toluene            | EPA-8260 | 14      | 10               | 1               | UG/KG | 01/07/2024    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 01/07/2024    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 01/07/2024    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 01/07/2024    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 92.4 | 01/05/2024    | MNC         |
| Toluene-d8 | EPA-8260 | 94.6 | 01/07/2024    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                      |
|------------------|------------------------|---------------------|----------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/8/2024             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010034           |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010034-05        |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/05/2024           |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/5/2024 12:50:00 PM |
| CLIENT SAMPLE ID | B-24_47_20240105       | WDOE ACCREDITATION: | C601                 |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 1200    | 300              | 100             | MG/KG | 01/08/2024    | MNC         |
| Benzene            | EPA-8260 | 250     | 220              | 10              | UG/KG | 01/07/2024    | DLC         |
| Toluene            | EPA-8260 | 19000   | 130              | 10              | UG/KG | 01/07/2024    | DLC         |
| Ethylbenzene       | EPA-8260 | 14000   | 180              | 10              | UG/KG | 01/07/2024    | DLC         |
| m,p-Xylene         | EPA-8260 | 64000   | 360              | 10              | UG/KG | 01/07/2024    | DLC         |
| o-Xylene           | EPA-8260 | 22000   | 230              | 10              | UG/KG | 01/07/2024    | DLC         |

| SURROGATE               | METHOD   | %REC     | ANALYSIS DATE | ANALYSIS BY |
|-------------------------|----------|----------|---------------|-------------|
| TFT 100X Dilution       | NWTPH-GX | U, SUR07 | 01/08/2024    | MNC         |
| Toluene-d8 10X Dilution | EPA-8260 | 102      | 01/07/2024    | DLC         |

SUR07 -The surrogate recovery could not be determined due to dilution below the calibration range.  
Chromatogram indicates that it is likely that sample contains weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                      |
|------------------|------------------------|---------------------|----------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/8/2024             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010034           |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010034-06        |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/05/2024           |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/5/2024 12:55:00 PM |
| CLIENT SAMPLE ID | B-27_47_20240105       | WDOE ACCREDITATION: | C601                 |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 510     | 300              | 100             | MG/KG | 01/08/2024    | MNC         |
| Benzene            | EPA-8260 | 1800    | 210              | 10              | UG/KG | 01/07/2024    | DLC         |
| Toluene            | EPA-8260 | 31000   | 130              | 10              | UG/KG | 01/07/2024    | DLC         |
| Ethylbenzene       | EPA-8260 | 6300    | 180              | 10              | UG/KG | 01/07/2024    | DLC         |
| m,p-Xylene         | EPA-8260 | 25000   | 350              | 10              | UG/KG | 01/07/2024    | DLC         |
| o-Xylene           | EPA-8260 | 10000   | 220              | 10              | UG/KG | 01/07/2024    | DLC         |

| SURROGATE               | METHOD   | %REC     | ANALYSIS DATE | ANALYSIS BY |
|-------------------------|----------|----------|---------------|-------------|
| TFT 100X Dilution       | NWTPH-GX | U, SUR07 | 01/08/2024    | MNC         |
| Toluene-d8 10X Dilution | EPA-8260 | 95.7     | 01/07/2024    | DLC         |

SUR07 -The surrogate recovery could not be determined due to dilution below the calibration range.  
Chromatogram indicates that it is likely that sample contains weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                     |
|------------------|------------------------|---------------------|---------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/8/2024            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010034          |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010034-07       |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/05/2024          |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/5/2024 1:10:00 PM |
| CLIENT SAMPLE ID | SW-N-12_47_20240105    | WDOE ACCREDITATION: | C601                |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 01/05/2024    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 01/07/2024    | DLC         |
| Toluene            | EPA-8260 | 20      | 10               | 1               | UG/KG | 01/07/2024    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 01/07/2024    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 01/07/2024    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 01/07/2024    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 92.6 | 01/05/2024    | MNC         |
| Toluene-d8 | EPA-8260 | 94.6 | 01/07/2024    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                     |
|------------------|------------------------|---------------------|---------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/8/2024            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010034          |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010034-08       |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/05/2024          |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/5/2024 1:15:00 PM |
| CLIENT SAMPLE ID | B-22_47_20240105       | WDOE ACCREDITATION: | C601                |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 2600    | 300              | 100             | MG/KG | 01/08/2024    | MNC         |
| Benzene            | EPA-8260 | 5600    | 250              | 10              | UG/KG | 01/07/2024    | DLC         |
| Toluene            | EPA-8260 | 200000  | 1500             | 100             | UG/KG | 01/08/2024    | DLC         |
| Ethylbenzene       | EPA-8260 | 46000   | 2100             | 100             | UG/KG | 01/08/2024    | DLC         |
| m,p-Xylene         | EPA-8260 | 170000  | 4100             | 100             | UG/KG | 01/08/2024    | DLC         |
| o-Xylene           | EPA-8260 | 65000   | 2600             | 100             | UG/KG | 01/08/2024    | DLC         |

| SURROGATE                | METHOD   | %REC     | ANALYSIS DATE | ANALYSIS BY |
|--------------------------|----------|----------|---------------|-------------|
| TFT 100X Dilution        | NWTPH-GX | U, SUR07 | 01/08/2024    | MNC         |
| Toluene-d8 10X Dilution  | EPA-8260 | 102      | 01/07/2024    | DLC         |
| Toluene-d8 100X Dilution | EPA-8260 | 97.7     | 01/08/2024    | DLC         |

SUR07 -The surrogate recovery could not be determined due to dilution below the calibration range.  
Chromatogram indicates that it is likely that sample contains lightly weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                     |
|------------------|------------------------|---------------------|---------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/8/2024            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010034          |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010034-09       |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/05/2024          |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/5/2024 1:20:00 PM |
| CLIENT SAMPLE ID | B-28_47_20240105       | WDOE ACCREDITATION: | C601                |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 220     | 30               | 10              | MG/KG | 01/08/2024    | MNC         |
| Benzene            | EPA-8260 | 1400    | 240              | 10              | UG/KG | 01/07/2024    | DLC         |
| Toluene            | EPA-8260 | 26000   | 140              | 10              | UG/KG | 01/07/2024    | DLC         |
| Ethylbenzene       | EPA-8260 | 4000    | 200              | 10              | UG/KG | 01/07/2024    | DLC         |
| m,p-Xylene         | EPA-8260 | 16000   | 400              | 10              | UG/KG | 01/07/2024    | DLC         |
| o-Xylene           | EPA-8260 | 6300    | 250              | 10              | UG/KG | 01/07/2024    | DLC         |

| SURROGATE               | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|-------------------------|----------|------|---------------|-------------|
| TFT 10X Dilution        | NWTPH-GX | 77.6 | 01/08/2024    | MNC         |
| Toluene-d8 10X Dilution | EPA-8260 | 97.8 | 01/07/2024    | DLC         |

Chromatogram indicates that it is likely that sample contains weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                     |
|------------------|------------------------|---------------------|---------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/8/2024            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010034          |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010034-10       |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/05/2024          |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/5/2024 1:40:00 PM |
| CLIENT SAMPLE ID | SW-N-11_47_20240105    | WDOE ACCREDITATION: | C601                |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 01/05/2024    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 01/07/2024    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 01/07/2024    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 01/07/2024    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 01/07/2024    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 01/07/2024    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 98.1 | 01/05/2024    | MNC         |
| Toluene-d8 | EPA-8260 | 96.1 | 01/07/2024    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                     |
|------------------|------------------------|---------------------|---------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/8/2024            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010034          |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010034-11       |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/05/2024          |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/5/2024 1:45:00 PM |
| CLIENT SAMPLE ID | B-20_47_20240105       | WDOE ACCREDITATION: | C601                |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 2700    | 300              | 100             | MG/KG | 01/08/2024    | MNC         |
| Benzene            | EPA-8260 | 3800    | 270              | 10              | UG/KG | 01/07/2024    | DLC         |
| Toluene            | EPA-8260 | 170000  | 1600             | 100             | UG/KG | 01/08/2024    | DLC         |
| Ethylbenzene       | EPA-8260 | 46000   | 220              | 10              | UG/KG | 01/07/2024    | DLC         |
| m,p-Xylene         | EPA-8260 | 130000  | 4400             | 100             | UG/KG | 01/08/2024    | DLC         |
| o-Xylene           | EPA-8260 | 50000   | 2800             | 100             | UG/KG | 01/08/2024    | DLC         |

| SURROGATE                | METHOD   | %REC     | ANALYSIS DATE | ANALYSIS BY |
|--------------------------|----------|----------|---------------|-------------|
| TFT 100X Dilution        | NWTPH-GX | U, SUR07 | 01/08/2024    | MNC         |
| Toluene-d8 10X Dilution  | EPA-8260 | 105      | 01/07/2024    | DLC         |
| Toluene-d8 100X Dilution | EPA-8260 | 97.7     | 01/08/2024    | DLC         |

SUR07 -The surrogate recovery could not be determined due to dilution below the calibration range.  
Chromatogram indicates that it is likely that sample contains lightly weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                     |
|------------------|------------------------|---------------------|---------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/8/2024            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010034          |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010034-12       |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/05/2024          |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/5/2024 1:50:00 PM |
| CLIENT SAMPLE ID | B-29_47_20240105       | WDOE ACCREDITATION: | C601                |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 11000   | 600              | 200             | MG/KG | 01/08/2024    | MNC         |
| Benzene            | EPA-8260 | 25000   | 6900             | 200             | UG/KG | 01/08/2024    | DLC         |
| Toluene            | EPA-8260 | 790000  | 4100             | 200             | UG/KG | 01/08/2024    | DLC         |
| Ethylbenzene       | EPA-8260 | 180000  | 5800             | 200             | UG/KG | 01/08/2024    | DLC         |
| m,p-Xylene         | EPA-8260 | 680000  | 11000            | 200             | UG/KG | 01/08/2024    | DLC         |
| o-Xylene           | EPA-8260 | 260000  | 7100             | 200             | UG/KG | 01/08/2024    | DLC         |

| SURROGATE                | METHOD   | %REC     | ANALYSIS DATE | ANALYSIS BY |
|--------------------------|----------|----------|---------------|-------------|
| TFT 200X Dilution        | NWTPH-GX | U, SUR07 | 01/08/2024    | MNC         |
| Toluene-d8 200X Dilution | EPA-8260 | 98.7     | 01/08/2024    | DLC         |

SUR07 -The surrogate recovery could not be determined due to dilution below the calibration range.  
Chromatogram indicates that it is likely that sample contains lightly weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                     |
|------------------|------------------------|---------------------|---------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/8/2024            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010034          |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010034-13       |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/05/2024          |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/5/2024 2:05:00 PM |
| CLIENT SAMPLE ID | SW-S-10_47_20240105    | WDOE ACCREDITATION: | C601                |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 13      | 3.0              | 1               | MG/KG | 01/08/2024    | MNC         |
| Benzene            | EPA-8260 | U       | 21               | 1               | UG/KG | 01/07/2024    | DLC         |
| Toluene            | EPA-8260 | 640     | 12               | 1               | UG/KG | 01/07/2024    | DLC         |
| Ethylbenzene       | EPA-8260 | 160     | 18               | 1               | UG/KG | 01/07/2024    | DLC         |
| m,p-Xylene         | EPA-8260 | 660     | 35               | 1               | UG/KG | 01/07/2024    | DLC         |
| o-Xylene           | EPA-8260 | 270     | 22               | 1               | UG/KG | 01/07/2024    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 67.4 | 01/08/2024    | MNC         |
| Toluene-d8 | EPA-8260 | 96.7 | 01/07/2024    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.  
Chromatogram indicates that it is likely that sample contains highly weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                     |
|------------------|------------------------|---------------------|---------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/8/2024            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010034          |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010034-14       |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/05/2024          |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/5/2024 2:10:00 PM |
| CLIENT SAMPLE ID | B-19_47_20240105       | WDOE ACCREDITATION: | C601                |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 10000   | 600              | 200             | MG/KG | 01/08/2024    | MNC         |
| Benzene            | EPA-8260 | 26000   | 2500             | 100             | UG/KG | 01/08/2024    | DLC         |
| Toluene            | EPA-8260 | 860000  | 7300             | 500             | UG/KG | 01/08/2024    | DLC         |
| Ethylbenzene       | EPA-8260 | 170000  | 2100             | 100             | UG/KG | 01/08/2024    | DLC         |
| m,p-Xylene         | EPA-8260 | 620000  | 4100             | 100             | UG/KG | 01/08/2024    | DLC         |
| o-Xylene           | EPA-8260 | 240000  | 2600             | 100             | UG/KG | 01/08/2024    | DLC         |

| SURROGATE                | METHOD   | %REC     | ANALYSIS DATE | ANALYSIS BY |
|--------------------------|----------|----------|---------------|-------------|
| TFT 200X Dilution        | NWTPH-GX | U, SUR07 | 01/08/2024    | MNC         |
| Toluene-d8 100X Dilution | EPA-8260 | 99.4     | 01/08/2024    | DLC         |
| Toluene-d8 500X Dilution | EPA-8260 | 97.7     | 01/08/2024    | DLC         |

SUR07 -The surrogate recovery could not be determined due to dilution below the calibration range.  
Chromatogram indicates that it is likely that sample contains lightly weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                     |
|------------------|------------------------|---------------------|---------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/8/2024            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010034          |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010034-15       |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/05/2024          |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 1/5/2024 2:15:00 PM |
| CLIENT SAMPLE ID | B-30_47_20240105       | WDOE ACCREDITATION: | C601                |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 6100    | 600              | 200             | MG/KG | 01/08/2024    | MNC         |
| Benzene            | EPA-8260 | 9800    | 3800             | 200             | UG/KG | 01/08/2024    | DLC         |
| Toluene            | EPA-8260 | 450000  | 2300             | 200             | UG/KG | 01/08/2024    | DLC         |
| Ethylbenzene       | EPA-8260 | 100000  | 3200             | 200             | UG/KG | 01/08/2024    | DLC         |
| m,p-Xylene         | EPA-8260 | 380000  | 6300             | 200             | UG/KG | 01/08/2024    | DLC         |
| o-Xylene           | EPA-8260 | 140000  | 4000             | 200             | UG/KG | 01/08/2024    | DLC         |

| SURROGATE                | METHOD   | %REC     | ANALYSIS DATE | ANALYSIS BY |
|--------------------------|----------|----------|---------------|-------------|
| TFT 200X Dilution        | NWTPH-GX | U, SUR07 | 01/08/2024    | MNC         |
| Toluene-d8 200X Dilution | EPA-8260 | 97.7     | 01/08/2024    | DLC         |

SUR07 -The surrogate recovery could not be determined due to dilution below the calibration range.  
Chromatogram indicates that it is likely that sample contains lightly weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                 |                                                              |                                                                    |
|-----------------|--------------------------------------------------------------|--------------------------------------------------------------------|
| CLIENT:         | Antea Group<br>18378-B Redmond Way<br>Redmond, WA 98052-5012 | DATE: 1/8/2024<br>ALS SDG#: EV24010034<br>WDOE ACCREDITATION: C601 |
| CLIENT CONTACT: | Megan Richard                                                |                                                                    |
| CLIENT PROJECT: | MP-46                                                        |                                                                    |

**LABORATORY BLANK RESULTS**
**MBG-010524S - Batch 205754 - Soil by NWTPH-GX**

| ANALYTE            | METHOD   | RESULTS | UNITS | REPORTING LIMITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|-------|------------------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | MG/KG | 3.0              | 01/05/2024    | MNC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**MB-010724S - Batch 205776 - Soil by EPA-8260**

| ANALYTE      | METHOD   | RESULTS | UNITS | REPORTING LIMITS | ANALYSIS DATE | ANALYSIS BY |
|--------------|----------|---------|-------|------------------|---------------|-------------|
| Benzene      | EPA-8260 | U       | UG/KG | 5.0              | 01/07/2024    | DLC         |
| Toluene      | EPA-8260 | U       | UG/KG | 10               | 01/07/2024    | DLC         |
| Ethylbenzene | EPA-8260 | U       | UG/KG | 10               | 01/07/2024    | DLC         |
| m,p-Xylene   | EPA-8260 | U       | UG/KG | 20               | 01/07/2024    | DLC         |
| o-Xylene     | EPA-8260 | U       | UG/KG | 10               | 01/07/2024    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                 |                        |                     |            |
|-----------------|------------------------|---------------------|------------|
| CLIENT:         | Antea Group            | DATE:               | 1/8/2024   |
|                 | 18378-B Redmond Way    | ALS SDG#:           | EV24010034 |
|                 | Redmond, WA 98052-5012 | WDOE ACCREDITATION: | C601       |
| CLIENT CONTACT: | Megan Richard          |                     |            |
| CLIENT PROJECT: | MP-46                  |                     |            |

**LABORATORY CONTROL SAMPLE RESULTS**
**ALS Test Batch ID: 205754 - Soil by NWTPH-GX**

| SPIKED COMPOUND          | METHOD   | %REC | RPD | QUAL | LIMITS |       | ANALYSIS DATE | ANALYSIS BY |
|--------------------------|----------|------|-----|------|--------|-------|---------------|-------------|
|                          |          |      |     |      | MIN    | MAX   |               |             |
| TPH-Volatile Range - BS  | NWTPH-GX | 99.4 |     |      | 66.5   | 122.7 | 01/05/2024    | MNC         |
| TPH-Volatile Range - BSD | NWTPH-GX | 98.5 | 1   |      | 66.5   | 122.7 | 01/05/2024    | MNC         |

**ALS Test Batch ID: 205776 - Soil by EPA-8260**

| SPIKED COMPOUND    | METHOD   | %REC | RPD | QUAL | LIMITS |       | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|------|-----|------|--------|-------|---------------|-------------|
|                    |          |      |     |      | MIN    | MAX   |               |             |
| Benzene - BS       | EPA-8260 | 109  |     |      | 75     | 138   | 01/07/2024    | DLC         |
| Benzene - BSD      | EPA-8260 | 108  | 0   |      | 75     | 138   | 01/07/2024    | DLC         |
| Toluene - BS       | EPA-8260 | 107  |     |      | 71.6   | 122.1 | 01/07/2024    | DLC         |
| Toluene - BSD      | EPA-8260 | 108  | 0   |      | 71.6   | 122.1 | 01/07/2024    | DLC         |
| Ethylbenzene - BS  | EPA-8260 | 104  |     |      | 50     | 150   | 01/07/2024    | DLC         |
| Ethylbenzene - BSD | EPA-8260 | 104  | 0   |      | 50     | 150   | 01/07/2024    | DLC         |
| m,p-Xylene - BS    | EPA-8260 | 105  |     |      | 50     | 150   | 01/07/2024    | DLC         |
| m,p-Xylene - BSD   | EPA-8260 | 105  | 0   |      | 50     | 150   | 01/07/2024    | DLC         |
| o-Xylene - BS      | EPA-8260 | 104  |     |      | 50     | 150   | 01/07/2024    | DLC         |
| o-Xylene - BSD     | EPA-8260 | 104  | 0   |      | 50     | 150   | 01/07/2024    | DLC         |

APPROVED BY



Rob Greer  
Laboratory Director



## ALS Job# (Laboratory Use Only)

EV24010034

Date 1/5/24 Page 1 Of 2

### SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Golin Dechenne, Antea bray, 1/5/24

Received By: 19-Acs 1/5/24 1535

2. Relinquished By:

Received By:

TURNAROUND REQUESTED in Business Days\*

OTHER:

Organic, Metals &amp; Inorganic Analysis

10 5 3 2 1 SAME DAY

## Fuels & Hydrocarbon Analysis

5 3 1 SAM  
DA

Specify: 24 hr  
TAT

\*Turnaround request less than standard may incur Rush Charges



## ALS Job# (Laboratory Use Only)

Q 24010030

Date 1/5/24 Page 2 Of 2

[illegible]

**SIGNATURES (Name, Company, Date, Time):**

**TURNAROUND REQUESTED in Business Days\***

**Organic, Metals & Inorganic Analysis** **OTHER:**

10 5 3 2 1 SAME  
DAY Specify: \_\_\_\_\_

Standard

**Fuels & Hydrocarbon Analysis**

5 3 1 SAME  
DAY \_\_\_\_\_ 24 hr \_\_\_\_\_

Analysis

*\*Turnaround request less than standard may incur Rush Charges*

# ALS ENVIRONMENTAL

## Sample Receiving Checklist

Client: Arden ALS Job#: EV24010034

Project: MP-46

Login Date: 1/5/24 Login Time: 1545 Login By: CAW

Type of Shipping Container: Cooler ☒ Box ☐ Other ☐

Shipped via: FedEx Ground ☐ UPS ☐ Courier ☐ Hand Delivered ☒ ALS Courier ☐  
FedEx Express ☐

Yes No N/A

Were custody seals on outside of shipping container? ☐ ☒ ☐  
If yes, how many?            Where?             
Custody seal date:            Seal name:           

Was Chain of Custody properly filled out (ink, signed, dated, etc.)? ☒ ☐ ☐

Did all bottles have labels? ☒ ☐ ☐

Did all bottle labels and tags agree with Chain of Custody? ☒ ☐ ☐

Were samples received within hold time? ☒ ☐ ☐

Did all bottles arrive in good condition (unbroken, etc.)? ☒ ☐ ☐

Was sufficient amount of sample sent for the tests indicated? ☒ ☐ ☐

Was correct preservation added to samples? ☒ ☐ ☐

Subcontract test containers added to Subcontract Bin? ☐ ☐ ☒

Wetchem test containers marked with required Tests? ☐ ☐ ☒

Short hold time test containers delivered to analysts? ☐ ☐ ☒

Were VOA vials checked for absence of air bubbles? ☐ ☐ ☒

Bubbles present in sample #:           

5035A kits received? 15 ☒ ☐ ☐  
# Low Kits:            # High Kits:           

5035A kits returned? ☐ ☐ ☐  
# Low Kits:            # High Kits:           

Temperature of cooler upon receipt: 4.9C On ice? ☒ ☐ ☐

Explain any discrepancies:

Was client contacted?            Who was called?            By whom?            Date:           

Outcome of call:



January 2, 2024

Ms. Megan Richard  
Antea Group  
18378-B Redmond Way  
Redmond, WA 98052-5012

Dear Ms. Richard,

On January 2nd, 7 samples were received by our laboratory and assigned our laboratory project number EV24010001. The project was identified as your MP-46. The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Rob Greer  
Laboratory Director



## CERTIFICATE OF ANALYSIS

CLIENT: Antea Group  
18378-B Redmond Way  
Redmond, WA 98052-5012  
DATE: 1/2/2024  
ALS JOB#: EV24010001  
ALS SAMPLE#: EV24010001-01  
CLIENT CONTACT: Megan Richard  
CLIENT PROJECT: MP-46  
DATE RECEIVED: 01/02/2024  
COLLECTION DATE: 12/27/2023 11:30:00 AM  
CLIENT SAMPLE ID: B-24\_24\_20231227  
WDOE ACCREDITATION: C601

## SAMPLE DATA RESULTS

| ANALYTE                   | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|---------------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| Dichlorodifluoromethane   | EPA-8260 | U       | 2400             | 50              | UG/KG | 12/29/2023    | DLC         |
| Chloromethane             | EPA-8260 | U       | 2200             | 50              | UG/KG | 12/29/2023    | DLC         |
| Vinyl Chloride            | EPA-8260 | U       | 500              | 50              | UG/KG | 12/29/2023    | DLC         |
| Bromomethane              | EPA-8260 | U       | 2500             | 50              | UG/KG | 12/29/2023    | DLC         |
| Chloroethane              | EPA-8260 | U       | 1900             | 50              | UG/KG | 12/29/2023    | DLC         |
| Carbon Tetrachloride      | EPA-8260 | U       | 1200             | 50              | UG/KG | 12/29/2023    | DLC         |
| Trichlorofluoromethane    | EPA-8260 | U       | 1600             | 50              | UG/KG | 12/29/2023    | DLC         |
| Carbon Disulfide          | EPA-8260 | U       | 1700             | 50              | UG/KG | 12/29/2023    | DLC         |
| Acetone                   | EPA-8260 | U       | 2600             | 50              | UG/KG | 12/29/2023    | DLC         |
| 1,1-Dichloroethene        | EPA-8260 | U       | 2400             | 50              | UG/KG | 12/29/2023    | DLC         |
| Methylene Chloride        | EPA-8260 | U       | 15000            | 50              | UG/KG | 12/29/2023    | DLC         |
| Acrylonitrile             | EPA-8260 | U       | 2500             | 50              | UG/KG | 12/29/2023    | DLC         |
| Methyl T-Butyl Ether      | EPA-8260 | U       | 2500             | 50              | UG/KG | 12/29/2023    | DLC         |
| Trans-1,2-Dichloroethene  | EPA-8260 | U       | 2300             | 50              | UG/KG | 12/29/2023    | DLC         |
| 1,1-Dichloroethane        | EPA-8260 | U       | 1300             | 50              | UG/KG | 12/29/2023    | DLC         |
| 2-Butanone                | EPA-8260 | U       | 2500             | 50              | UG/KG | 12/29/2023    | DLC         |
| Cis-1,2-Dichloroethene    | EPA-8260 | U       | 1400             | 50              | UG/KG | 12/29/2023    | DLC         |
| 2,2-Dichloropropane       | EPA-8260 | U       | 1800             | 50              | UG/KG | 12/29/2023    | DLC         |
| Bromochloromethane        | EPA-8260 | U       | 1700             | 50              | UG/KG | 12/29/2023    | DLC         |
| Chloroform                | EPA-8260 | U       | 2300             | 50              | UG/KG | 12/29/2023    | DLC         |
| 1,1,1-Trichloroethane     | EPA-8260 | U       | 2500             | 50              | UG/KG | 12/29/2023    | DLC         |
| 1,1-Dichloropropene       | EPA-8260 | U       | 2000             | 50              | UG/KG | 12/29/2023    | DLC         |
| 1,2-Dichloroethane        | EPA-8260 | U       | 710              | 50              | UG/KG | 12/29/2023    | DLC         |
| Benzene                   | EPA-8260 | 2100    | 1200             | 50              | UG/KG | 12/29/2023    | DLC         |
| Trichloroethene           | EPA-8260 | U       | 1300             | 50              | UG/KG | 12/29/2023    | DLC         |
| 1,2-Dichloropropane       | EPA-8260 | U       | 760              | 50              | UG/KG | 12/29/2023    | DLC         |
| Dibromomethane            | EPA-8260 | U       | 2400             | 50              | UG/KG | 12/29/2023    | DLC         |
| Bromodichloromethane      | EPA-8260 | U       | 740              | 50              | UG/KG | 12/29/2023    | DLC         |
| Trans-1,3-Dichloropropene | EPA-8260 | U       | 1600             | 50              | UG/KG | 12/29/2023    | DLC         |
| 4-Methyl-2-Pentanone      | EPA-8260 | U       | 2900             | 50              | UG/KG | 12/29/2023    | DLC         |
| Toluene                   | EPA-8260 | 85000   | 710              | 50              | UG/KG | 12/29/2023    | DLC         |
| Cis-1,3-Dichloropropene   | EPA-8260 | U       | 1000             | 50              | UG/KG | 12/29/2023    | DLC         |
| 1,1,2-Trichloroethane     | EPA-8260 | U       | 620              | 50              | UG/KG | 12/29/2023    | DLC         |
| 2-Hexanone                | EPA-8260 | U       | 4200             | 50              | UG/KG | 12/29/2023    | DLC         |
| 1,3-Dichloropropane       | EPA-8260 | U       | 500              | 50              | UG/KG | 12/29/2023    | DLC         |
| Tetrachloroethylene       | EPA-8260 | U       | 1600             | 50              | UG/KG | 12/29/2023    | DLC         |
| Dibromochloromethane      | EPA-8260 | U       | 500              | 50              | UG/KG | 12/29/2023    | DLC         |
| 1,2-Dibromoethane         | EPA-8260 | U       | 570              | 50              | UG/KG | 12/29/2023    | DLC         |



# CERTIFICATE OF ANALYSIS

CLIENT: Antea Group  
18378-B Redmond Way  
Redmond, WA 98052-5012  
DATE: 1/2/2024  
ALS JOB#: EV24010001  
ALS SAMPLE#: EV24010001-01  
CLIENT CONTACT: Megan Richard  
DATE RECEIVED: 01/02/2024  
CLIENT PROJECT: MP-46  
COLLECTION DATE: 12/27/2023 11:30:00 AM  
CLIENT SAMPLE ID: B-24\_24\_20231227  
WDOE ACCREDITATION: C601

## SAMPLE DATA RESULTS

| ANALYTE                     | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|-----------------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| Chlorobenzene               | EPA-8260 | U       | 680              | 50              | UG/KG | 12/29/2023    | DLC         |
| 1,1,1,2-Tetrachloroethane   | EPA-8260 | U       | 930              | 50              | UG/KG | 12/29/2023    | DLC         |
| Ethylbenzene                | EPA-8260 | 25000   | 1000             | 50              | UG/KG | 12/29/2023    | DLC         |
| m,p-Xylene                  | EPA-8260 | 95000   | 2000             | 50              | UG/KG | 12/29/2023    | DLC         |
| Styrene                     | EPA-8260 | U       | 970              | 50              | UG/KG | 12/29/2023    | DLC         |
| o-Xylene                    | EPA-8260 | 37000   | 1200             | 50              | UG/KG | 12/29/2023    | DLC         |
| Bromoform                   | EPA-8260 | U       | 870              | 50              | UG/KG | 12/29/2023    | DLC         |
| Isopropylbenzene            | EPA-8260 | 2600    | 920              | 50              | UG/KG | 12/29/2023    | DLC         |
| 1,1,2,2-Tetrachloroethane   | EPA-8260 | U       | 1700             | 50              | UG/KG | 12/29/2023    | DLC         |
| 1,2,3-Trichloropropane      | EPA-8260 | U       | 500              | 50              | UG/KG | 12/29/2023    | DLC         |
| Bromobenzene                | EPA-8260 | U       | 1100             | 50              | UG/KG | 12/29/2023    | DLC         |
| N-Propyl Benzene            | EPA-8260 | 11000   | 930              | 50              | UG/KG | 12/29/2023    | DLC         |
| 2-Chlorotoluene             | EPA-8260 | U       | 1300             | 50              | UG/KG | 12/29/2023    | DLC         |
| 1,3,5-Trimethylbenzene      | EPA-8260 | 15000   | 1300             | 50              | UG/KG | 12/29/2023    | DLC         |
| 4-Chlorotoluene             | EPA-8260 | U       | 890              | 50              | UG/KG | 12/29/2023    | DLC         |
| T-Butyl Benzene             | EPA-8260 | U       | 2300             | 50              | UG/KG | 12/29/2023    | DLC         |
| 1,2,4-Trimethylbenzene      | EPA-8260 | 57000   | 1300             | 50              | UG/KG | 12/29/2023    | DLC         |
| S-Butyl Benzene             | EPA-8260 | U       | 1400             | 50              | UG/KG | 12/29/2023    | DLC         |
| P-Isopropyltoluene          | EPA-8260 | U       | 1100             | 50              | UG/KG | 12/29/2023    | DLC         |
| 1,3-Dichlorobenzene         | EPA-8260 | U       | 780              | 50              | UG/KG | 12/29/2023    | DLC         |
| 1,4-Dichlorobenzene         | EPA-8260 | U       | 960              | 50              | UG/KG | 12/29/2023    | DLC         |
| N-Butylbenzene              | EPA-8260 | 2800    | 1800             | 50              | UG/KG | 12/29/2023    | DLC         |
| 1,2-Dichlorobenzene         | EPA-8260 | U       | 840              | 50              | UG/KG | 12/29/2023    | DLC         |
| 1,2-Dibromo 3-Chloropropane | EPA-8260 | U       | 2500             | 50              | UG/KG | 12/29/2023    | DLC         |
| 1,2,4-Trichlorobenzene      | EPA-8260 | U       | 1400             | 50              | UG/KG | 12/29/2023    | DLC         |
| Hexachlorobutadiene         | EPA-8260 | U       | 1300             | 50              | UG/KG | 12/29/2023    | DLC         |
| Naphthalene                 | EPA-8260 | 3800    | 930              | 50              | UG/KG | 12/29/2023    | DLC         |
| 1,2,3-Trichlorobenzene      | EPA-8260 | U       | 710              | 50              | UG/KG | 12/29/2023    | DLC         |

| SURROGATE                          | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------------------------------|----------|------|---------------|-------------|
| 1,2-Dichloroethane-d4 50X Dilution | EPA-8260 | 99.9 | 12/29/2023    | DLC         |
| Toluene-d8 50X Dilution            | EPA-8260 | 93.6 | 12/29/2023    | DLC         |
| 4-Bromofluorobenzene 50X Dilution  | EPA-8260 | 103  | 12/29/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.



# CERTIFICATE OF ANALYSIS

CLIENT: Antea Group  
18378-B Redmond Way  
Redmond, WA 98052-5012

DATE: 1/2/2024  
ALS JOB#: EV24010001  
ALS SAMPLE#: EV24010001-02

CLIENT CONTACT: Megan Richard

DATE RECEIVED: 01/02/2024

CLIENT PROJECT: MP-46

COLLECTION DATE: 12/27/2023 11:45:00 AM

CLIENT SAMPLE ID B-22\_24\_20231227

WDOE ACCREDITATION: C601

## SAMPLE DATA RESULTS

| ANALYTE                   | METHOD   | RESULTS  | REPORTING | DILUTION | UNITS | ANALYSIS   | ANALYSIS |
|---------------------------|----------|----------|-----------|----------|-------|------------|----------|
|                           |          |          | LIMITS    | FACTOR   |       | DATE       | BY       |
| Dichlorodifluoromethane   | EPA-8260 | U        | 2400      | 50       | UG/KG | 12/29/2023 | DLC      |
| Chloromethane             | EPA-8260 | U        | 2200      | 50       | UG/KG | 12/29/2023 | DLC      |
| Vinyl Chloride            | EPA-8260 | U        | 500       | 50       | UG/KG | 12/29/2023 | DLC      |
| Bromomethane              | EPA-8260 | U        | 2500      | 50       | UG/KG | 12/29/2023 | DLC      |
| Chloroethane              | EPA-8260 | U        | 1900      | 50       | UG/KG | 12/29/2023 | DLC      |
| Carbon Tetrachloride      | EPA-8260 | U        | 1200      | 50       | UG/KG | 12/29/2023 | DLC      |
| Trichlorofluoromethane    | EPA-8260 | U        | 1500      | 50       | UG/KG | 12/29/2023 | DLC      |
| Carbon Disulfide          | EPA-8260 | U        | 1700      | 50       | UG/KG | 12/29/2023 | DLC      |
| Acetone                   | EPA-8260 | U        | 2600      | 50       | UG/KG | 12/29/2023 | DLC      |
| 1,1-Dichloroethene        | EPA-8260 | U        | 2300      | 50       | UG/KG | 12/29/2023 | DLC      |
| Methylene Chloride        | EPA-8260 | U        | 12000     | 50       | UG/KG | 12/29/2023 | DLC      |
| Acrylonitrile             | EPA-8260 | U        | 2500      | 50       | UG/KG | 12/29/2023 | DLC      |
| Methyl T-Butyl Ether      | EPA-8260 | U        | 2400      | 50       | UG/KG | 12/29/2023 | DLC      |
| Trans-1,2-Dichloroethene  | EPA-8260 | U        | 2200      | 50       | UG/KG | 12/29/2023 | DLC      |
| 1,1-Dichloroethane        | EPA-8260 | U        | 1200      | 50       | UG/KG | 12/29/2023 | DLC      |
| 2-Butanone                | EPA-8260 | U        | 2500      | 50       | UG/KG | 12/29/2023 | DLC      |
| Cis-1,2-Dichloroethene    | EPA-8260 | U        | 1400      | 50       | UG/KG | 12/29/2023 | DLC      |
| 2,2-Dichloropropane       | EPA-8260 | U        | 1800      | 50       | UG/KG | 12/29/2023 | DLC      |
| Bromochloromethane        | EPA-8260 | U        | 1600      | 50       | UG/KG | 12/29/2023 | DLC      |
| Chloroform                | EPA-8260 | U        | 2300      | 50       | UG/KG | 12/29/2023 | DLC      |
| 1,1,1-Trichloroethane     | EPA-8260 | U        | 2400      | 50       | UG/KG | 12/29/2023 | DLC      |
| 1,1-Dichloropropene       | EPA-8260 | U        | 2000      | 50       | UG/KG | 12/29/2023 | DLC      |
| 1,2-Dichloroethane        | EPA-8260 | U        | 700       | 50       | UG/KG | 12/29/2023 | DLC      |
| Benzene                   | EPA-8260 | 6700     | 1200      | 50       | UG/KG | 12/29/2023 | DLC      |
| Trichloroethene           | EPA-8260 | U        | 1300      | 50       | UG/KG | 12/29/2023 | DLC      |
| 1,2-Dichloropropane       | EPA-8260 | U        | 750       | 50       | UG/KG | 12/29/2023 | DLC      |
| Dibromomethane            | EPA-8260 | U        | 2400      | 50       | UG/KG | 12/29/2023 | DLC      |
| Bromodichloromethane      | EPA-8260 | U        | 730       | 50       | UG/KG | 12/29/2023 | DLC      |
| Trans-1,3-Dichloropropene | EPA-8260 | U        | 1600      | 50       | UG/KG | 12/29/2023 | DLC      |
| 4-Methyl-2-Pentanone      | EPA-8260 | U        | 2900      | 50       | UG/KG | 12/29/2023 | DLC      |
| Toluene                   | EPA-8260 | 230000 E | 700       | 50       | UG/KG | 12/29/2023 | DLC      |
| Cis-1,3-Dichloropropene   | EPA-8260 | U        | 1000      | 50       | UG/KG | 12/29/2023 | DLC      |
| 1,1,2-Trichloroethane     | EPA-8260 | U        | 610       | 50       | UG/KG | 12/29/2023 | DLC      |
| 2-Hexanone                | EPA-8260 | U        | 4200      | 50       | UG/KG | 12/29/2023 | DLC      |
| 1,3-Dichloropropane       | EPA-8260 | U        | 500       | 50       | UG/KG | 12/29/2023 | DLC      |
| Tetrachloroethylene       | EPA-8260 | U        | 1500      | 50       | UG/KG | 12/29/2023 | DLC      |
| Dibromochloromethane      | EPA-8260 | U        | 500       | 50       | UG/KG | 12/29/2023 | DLC      |
| 1,2-Dibromoethane         | EPA-8260 | U        | 570       | 50       | UG/KG | 12/29/2023 | DLC      |
| Chlorobenzene             | EPA-8260 | U        | 660       | 50       | UG/KG | 12/29/2023 | DLC      |



# CERTIFICATE OF ANALYSIS

|                  |                        |                     |                        |
|------------------|------------------------|---------------------|------------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/2/2024               |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010001             |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010001-02          |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/02/2024             |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/27/2023 11:45:00 AM |
| CLIENT SAMPLE ID | B-22_24_20231227       | WDOE ACCREDITATION: | C601                   |

# SAMPLE DATA RESULTS

| ANALYTE                     | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|-----------------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| 1,1,1,2-Tetrachloroethane   | EPA-8260 | U       | 920              | 50              | UG/KG | 12/29/2023    | DLC         |
| Ethylbenzene                | EPA-8260 | 51000   | 990              | 50              | UG/KG | 12/29/2023    | DLC         |
| m,p-Xylene                  | EPA-8260 | 190000  | 2000             | 50              | UG/KG | 12/29/2023    | DLC         |
| Styrene                     | EPA-8260 | U       | 950              | 50              | UG/KG | 12/29/2023    | DLC         |
| o-Xylene                    | EPA-8260 | 72000   | 1200             | 50              | UG/KG | 12/29/2023    | DLC         |
| Bromoform                   | EPA-8260 | U       | 860              | 50              | UG/KG | 12/29/2023    | DLC         |
| Isopropylbenzene            | EPA-8260 | 4400    | 910              | 50              | UG/KG | 12/29/2023    | DLC         |
| 1,1,2,2-Tetrachloroethane   | EPA-8260 | U       | 1700             | 50              | UG/KG | 12/29/2023    | DLC         |
| 1,2,3-Trichloropropane      | EPA-8260 | U       | 500              | 50              | UG/KG | 12/29/2023    | DLC         |
| Bromobenzene                | EPA-8260 | U       | 1100             | 50              | UG/KG | 12/29/2023    | DLC         |
| N-Propyl Benzene            | EPA-8260 | 18000   | 920              | 50              | UG/KG | 12/29/2023    | DLC         |
| 2-Chlorotoluene             | EPA-8260 | U       | 1200             | 50              | UG/KG | 12/29/2023    | DLC         |
| 1,3,5-Trimethylbenzene      | EPA-8260 | 23000   | 1300             | 50              | UG/KG | 12/29/2023    | DLC         |
| 4-Chlorotoluene             | EPA-8260 | U       | 870              | 50              | UG/KG | 12/29/2023    | DLC         |
| T-Butyl Benzene             | EPA-8260 | U       | 2300             | 50              | UG/KG | 12/29/2023    | DLC         |
| 1,2,4-Trimethylbenzene      | EPA-8260 | 84000   | 1200             | 50              | UG/KG | 12/29/2023    | DLC         |
| S-Butyl Benzene             | EPA-8260 | U       | 1400             | 50              | UG/KG | 12/29/2023    | DLC         |
| P-Isopropyltoluene          | EPA-8260 | U       | 1100             | 50              | UG/KG | 12/29/2023    | DLC         |
| 1,3-Dichlorobenzene         | EPA-8260 | U       | 770              | 50              | UG/KG | 12/29/2023    | DLC         |
| 1,4-Dichlorobenzene         | EPA-8260 | U       | 950              | 50              | UG/KG | 12/29/2023    | DLC         |
| N-Butylbenzene              | EPA-8260 | 3800    | 1800             | 50              | UG/KG | 12/29/2023    | DLC         |
| 1,2-Dichlorobenzene         | EPA-8260 | U       | 820              | 50              | UG/KG | 12/29/2023    | DLC         |
| 1,2-Dibromo 3-Chloropropane | EPA-8260 | U       | 2500             | 50              | UG/KG | 12/29/2023    | DLC         |
| 1,2,4-Trichlorobenzene      | EPA-8260 | U       | 1400             | 50              | UG/KG | 12/29/2023    | DLC         |
| Hexachlorobutadiene         | EPA-8260 | U       | 1200             | 50              | UG/KG | 12/29/2023    | DLC         |
| Naphthalene                 | EPA-8260 | 5100    | 920              | 50              | UG/KG | 12/29/2023    | DLC         |
| 1,2,3-Trichlorobenzene      | EPA-8260 | U       | 700              | 50              | UG/KG | 12/29/2023    | DLC         |

| SURROGATE                          | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------------------------------|----------|------|---------------|-------------|
| 1,2-Dichloroethane-d4 50X Dilution | EPA-8260 | 101  | 12/29/2023    | DLC         |
| Toluene-d8 50X Dilution            | EPA-8260 | 92.8 | 12/29/2023    | DLC         |
| 4-Bromofluorobenzene 50X Dilution  | EPA-8260 | 102  | 12/29/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.  
E - Reported result is an estimate because it exceeds the calibration range.



# CERTIFICATE OF ANALYSIS

|                  |                        |                     |                        |
|------------------|------------------------|---------------------|------------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/2/2024               |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010001             |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010001-03          |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/02/2024             |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/27/2023 12:10:00 PM |
| CLIENT SAMPLE ID | B-20_24_20231227       | WDOE ACCREDITATION: | C601                   |

# SAMPLE DATA RESULTS

| ANALYTE                   | METHOD   | RESULTS  | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|---------------------------|----------|----------|------------------|-----------------|-------|---------------|-------------|
| Dichlorodifluoromethane   | EPA-8260 | U        | 5300             | 100             | UG/KG | 12/29/2023    | DLC         |
| Chloromethane             | EPA-8260 | U        | 4900             | 100             | UG/KG | 12/29/2023    | DLC         |
| Vinyl Chloride            | EPA-8260 | U        | 1000             | 100             | UG/KG | 12/29/2023    | DLC         |
| Bromomethane              | EPA-8260 | U        | 5500             | 100             | UG/KG | 12/29/2023    | DLC         |
| Chloroethane              | EPA-8260 | U        | 4100             | 100             | UG/KG | 12/29/2023    | DLC         |
| Carbon Tetrachloride      | EPA-8260 | U        | 2700             | 100             | UG/KG | 12/29/2023    | DLC         |
| Trichlorofluoromethane    | EPA-8260 | U        | 3400             | 100             | UG/KG | 12/29/2023    | DLC         |
| Carbon Disulfide          | EPA-8260 | U        | 3700             | 100             | UG/KG | 12/29/2023    | DLC         |
| Acetone                   | EPA-8260 | U        | 5800             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,1-Dichloroethene        | EPA-8260 | U        | 5200             | 100             | UG/KG | 12/29/2023    | DLC         |
| Methylene Chloride        | EPA-8260 | U        | 45000            | 100             | UG/KG | 12/29/2023    | DLC         |
| Acrylonitrile             | EPA-8260 | U        | 5000             | 100             | UG/KG | 12/29/2023    | DLC         |
| Methyl T-Butyl Ether      | EPA-8260 | U        | 5400             | 100             | UG/KG | 12/29/2023    | DLC         |
| Trans-1,2-Dichloroethene  | EPA-8260 | U        | 4900             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,1-Dichloroethane        | EPA-8260 | U        | 2700             | 100             | UG/KG | 12/29/2023    | DLC         |
| 2-Butanone                | EPA-8260 | U        | 5000             | 100             | UG/KG | 12/29/2023    | DLC         |
| Cis-1,2-Dichloroethene    | EPA-8260 | U        | 3100             | 100             | UG/KG | 12/29/2023    | DLC         |
| 2,2-Dichloropropane       | EPA-8260 | U        | 3900             | 100             | UG/KG | 12/29/2023    | DLC         |
| Bromochloromethane        | EPA-8260 | U        | 3600             | 100             | UG/KG | 12/29/2023    | DLC         |
| Chloroform                | EPA-8260 | U        | 5100             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,1,1-Trichloroethane     | EPA-8260 | U        | 5400             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,1-Dichloropropene       | EPA-8260 | U        | 4400             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,2-Dichloroethane        | EPA-8260 | U        | 1600             | 100             | UG/KG | 12/29/2023    | DLC         |
| Benzene                   | EPA-8260 | 10000    | 2600             | 100             | UG/KG | 12/29/2023    | DLC         |
| Trichloroethene           | EPA-8260 | U        | 2900             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,2-Dichloropropane       | EPA-8260 | U        | 1700             | 100             | UG/KG | 12/29/2023    | DLC         |
| Dibromomethane            | EPA-8260 | U        | 5300             | 100             | UG/KG | 12/29/2023    | DLC         |
| Bromodichloromethane      | EPA-8260 | U        | 1600             | 100             | UG/KG | 12/29/2023    | DLC         |
| Trans-1,3-Dichloropropene | EPA-8260 | U        | 3500             | 100             | UG/KG | 12/29/2023    | DLC         |
| 4-Methyl-2-Pentanone      | EPA-8260 | U        | 6400             | 100             | UG/KG | 12/29/2023    | DLC         |
| Toluene                   | EPA-8260 | 680000 E | 1600             | 100             | UG/KG | 12/29/2023    | DLC         |
| Cis-1,3-Dichloropropene   | EPA-8260 | U        | 2300             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,1,2-Trichloroethane     | EPA-8260 | U        | 1300             | 100             | UG/KG | 12/29/2023    | DLC         |
| 2-Hexanone                | EPA-8260 | U        | 9200             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,3-Dichloropropane       | EPA-8260 | U        | 1000             | 100             | UG/KG | 12/29/2023    | DLC         |
| Tetrachloroethylene       | EPA-8260 | U        | 3400             | 100             | UG/KG | 12/29/2023    | DLC         |
| Dibromochloromethane      | EPA-8260 | U        | 1000             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,2-Dibromoethane         | EPA-8260 | U        | 1300             | 100             | UG/KG | 12/29/2023    | DLC         |
| Chlorobenzene             | EPA-8260 | U        | 1500             | 100             | UG/KG | 12/29/2023    | DLC         |



# CERTIFICATE OF ANALYSIS

|                  |                        |                     |                        |
|------------------|------------------------|---------------------|------------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/2/2024               |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010001             |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010001-03          |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/02/2024             |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/27/2023 12:10:00 PM |
| CLIENT SAMPLE ID | B-20_24_20231227       | WDOE ACCREDITATION: | C601                   |

## SAMPLE DATA RESULTS

| ANALYTE                     | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|-----------------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| 1,1,1,2-Tetrachloroethane   | EPA-8260 | U       | 2000             | 100             | UG/KG | 12/29/2023    | DLC         |
| Ethylbenzene                | EPA-8260 | 140000  | 2200             | 100             | UG/KG | 12/29/2023    | DLC         |
| m,p-Xylene                  | EPA-8260 | 500000  | 4300             | 100             | UG/KG | 12/29/2023    | DLC         |
| Styrene                     | EPA-8260 | U       | 2100             | 100             | UG/KG | 12/29/2023    | DLC         |
| o-Xylene                    | EPA-8260 | 200000  | 2700             | 100             | UG/KG | 12/29/2023    | DLC         |
| Bromoform                   | EPA-8260 | U       | 1900             | 100             | UG/KG | 12/29/2023    | DLC         |
| Isopropylbenzene            | EPA-8260 | 12000   | 2000             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,1,2,2-Tetrachloroethane   | EPA-8260 | U       | 3800             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,2,3-Trichloropropane      | EPA-8260 | U       | 1000             | 100             | UG/KG | 12/29/2023    | DLC         |
| Bromobenzene                | EPA-8260 | U       | 2400             | 100             | UG/KG | 12/29/2023    | DLC         |
| N-Propyl Benzene            | EPA-8260 | 46000   | 2000             | 100             | UG/KG | 12/29/2023    | DLC         |
| 2-Chlorotoluene             | EPA-8260 | U       | 2800             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,3,5-Trimethylbenzene      | EPA-8260 | 53000   | 2900             | 100             | UG/KG | 12/29/2023    | DLC         |
| 4-Chlorotoluene             | EPA-8260 | U       | 1900             | 100             | UG/KG | 12/29/2023    | DLC         |
| T-Butyl Benzene             | EPA-8260 | U       | 5000             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,2,4-Trimethylbenzene      | EPA-8260 | 200000  | 2700             | 100             | UG/KG | 12/29/2023    | DLC         |
| S-Butyl Benzene             | EPA-8260 | U       | 3100             | 100             | UG/KG | 12/29/2023    | DLC         |
| P-Isopropyltoluene          | EPA-8260 | U       | 2500             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,3-Dichlorobenzene         | EPA-8260 | U       | 1700             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,4-Dichlorobenzene         | EPA-8260 | U       | 2100             | 100             | UG/KG | 12/29/2023    | DLC         |
| N-Butylbenzene              | EPA-8260 | 7500    | 4000             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,2-Dichlorobenzene         | EPA-8260 | U       | 1800             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,2-Dibromo 3-Chloropropane | EPA-8260 | U       | 5000             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,2,4-Trichlorobenzene      | EPA-8260 | U       | 3000             | 100             | UG/KG | 12/29/2023    | DLC         |
| Hexachlorobutadiene         | EPA-8260 | U       | 2700             | 100             | UG/KG | 12/29/2023    | DLC         |
| Naphthalene                 | EPA-8260 | 10000   | 2000             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,2,3-Trichlorobenzene      | EPA-8260 | U       | 1500             | 100             | UG/KG | 12/29/2023    | DLC         |

| SURROGATE                           | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|-------------------------------------|----------|------|---------------|-------------|
| 1,2-Dichloroethane-d4 100X Dilution | EPA-8260 | 99.4 | 12/29/2023    | DLC         |
| Toluene-d8 100X Dilution            | EPA-8260 | 92.2 | 12/29/2023    | DLC         |
| 4-Bromofluorobenzene 100X Dilution  | EPA-8260 | 102  | 12/29/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.  
E - Reported result is an estimate because it exceeds the calibration range.



# CERTIFICATE OF ANALYSIS

|                  |                        |                     |                        |
|------------------|------------------------|---------------------|------------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/2/2024               |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010001             |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010001-04          |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/02/2024             |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/27/2023 12:15:00 PM |
| CLIENT SAMPLE ID | B-21_24_20231227       | WDOE ACCREDITATION: | C601                   |

# SAMPLE DATA RESULTS

| ANALYTE                   | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|---------------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| Dichlorodifluoromethane   | EPA-8260 | U       | 4400             | 100             | UG/KG | 12/29/2023    | DLC         |
| Chloromethane             | EPA-8260 | U       | 4100             | 100             | UG/KG | 12/29/2023    | DLC         |
| Vinyl Chloride            | EPA-8260 | U       | 1000             | 100             | UG/KG | 12/29/2023    | DLC         |
| Bromomethane              | EPA-8260 | U       | 4600             | 100             | UG/KG | 12/29/2023    | DLC         |
| Chloroethane              | EPA-8260 | U       | 3400             | 100             | UG/KG | 12/29/2023    | DLC         |
| Carbon Tetrachloride      | EPA-8260 | U       | 2300             | 100             | UG/KG | 12/29/2023    | DLC         |
| Trichlorofluoromethane    | EPA-8260 | U       | 2800             | 100             | UG/KG | 12/29/2023    | DLC         |
| Carbon Disulfide          | EPA-8260 | U       | 3100             | 100             | UG/KG | 12/29/2023    | DLC         |
| Acetone                   | EPA-8260 | U       | 5000             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,1-Dichloroethene        | EPA-8260 | U       | 4300             | 100             | UG/KG | 12/29/2023    | DLC         |
| Methylene Chloride        | EPA-8260 | U       | 35000            | 100             | UG/KG | 12/29/2023    | DLC         |
| Acrylonitrile             | EPA-8260 | U       | 5000             | 100             | UG/KG | 12/29/2023    | DLC         |
| Methyl T-Butyl Ether      | EPA-8260 | U       | 4500             | 100             | UG/KG | 12/29/2023    | DLC         |
| Trans-1,2-Dichloroethene  | EPA-8260 | U       | 4100             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,1-Dichloroethane        | EPA-8260 | U       | 2300             | 100             | UG/KG | 12/29/2023    | DLC         |
| 2-Butanone                | EPA-8260 | U       | 5000             | 100             | UG/KG | 12/29/2023    | DLC         |
| Cis-1,2-Dichloroethene    | EPA-8260 | U       | 2600             | 100             | UG/KG | 12/29/2023    | DLC         |
| 2,2-Dichloropropane       | EPA-8260 | U       | 3300             | 100             | UG/KG | 12/29/2023    | DLC         |
| Bromochloromethane        | EPA-8260 | U       | 3000             | 100             | UG/KG | 12/29/2023    | DLC         |
| Chloroform                | EPA-8260 | U       | 4200             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,1,1-Trichloroethane     | EPA-8260 | U       | 4500             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,1-Dichloropropene       | EPA-8260 | U       | 3700             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,2-Dichloroethane        | EPA-8260 | U       | 1300             | 100             | UG/KG | 12/29/2023    | DLC         |
| Benzene                   | EPA-8260 | 11000   | 2200             | 100             | UG/KG | 12/29/2023    | DLC         |
| Trichloroethene           | EPA-8260 | U       | 2400             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,2-Dichloropropane       | EPA-8260 | U       | 1400             | 100             | UG/KG | 12/29/2023    | DLC         |
| Dibromomethane            | EPA-8260 | U       | 4500             | 100             | UG/KG | 12/29/2023    | DLC         |
| Bromodichloromethane      | EPA-8260 | U       | 1400             | 100             | UG/KG | 12/29/2023    | DLC         |
| Trans-1,3-Dichloropropene | EPA-8260 | U       | 3000             | 100             | UG/KG | 12/29/2023    | DLC         |
| 4-Methyl-2-Pentanone      | EPA-8260 | U       | 5300             | 100             | UG/KG | 12/29/2023    | DLC         |
| Toluene                   | EPA-8260 | 350000  | 1300             | 100             | UG/KG | 12/29/2023    | DLC         |
| Cis-1,3-Dichloropropene   | EPA-8260 | U       | 1900             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,1,2-Trichloroethane     | EPA-8260 | U       | 1100             | 100             | UG/KG | 12/29/2023    | DLC         |
| 2-Hexanone                | EPA-8260 | U       | 7700             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,3-Dichloropropane       | EPA-8260 | U       | 1000             | 100             | UG/KG | 12/29/2023    | DLC         |
| Tetrachloroethylene       | EPA-8260 | U       | 2800             | 100             | UG/KG | 12/29/2023    | DLC         |
| Dibromochloromethane      | EPA-8260 | U       | 1000             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,2-Dibromoethane         | EPA-8260 | U       | 1000             | 100             | UG/KG | 12/29/2023    | DLC         |
| Chlorobenzene             | EPA-8260 | U       | 1200             | 100             | UG/KG | 12/29/2023    | DLC         |



# CERTIFICATE OF ANALYSIS

|                  |                        |                     |                        |
|------------------|------------------------|---------------------|------------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/2/2024               |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010001             |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010001-04          |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/02/2024             |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/27/2023 12:15:00 PM |
| CLIENT SAMPLE ID | B-21_24_20231227       | WDOE ACCREDITATION: | C601                   |

# SAMPLE DATA RESULTS

| ANALYTE                     | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|-----------------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| 1,1,1,2-Tetrachloroethane   | EPA-8260 | U       | 1700             | 100             | UG/KG | 12/29/2023    | DLC         |
| Ethylbenzene                | EPA-8260 | 89000   | 1800             | 100             | UG/KG | 12/29/2023    | DLC         |
| m,p-Xylene                  | EPA-8260 | 330000  | 3600             | 100             | UG/KG | 12/29/2023    | DLC         |
| Styrene                     | EPA-8260 | U       | 1800             | 100             | UG/KG | 12/29/2023    | DLC         |
| o-Xylene                    | EPA-8260 | 130000  | 2300             | 100             | UG/KG | 12/29/2023    | DLC         |
| Bromoform                   | EPA-8260 | U       | 1600             | 100             | UG/KG | 12/29/2023    | DLC         |
| Isopropylbenzene            | EPA-8260 | 8400    | 1700             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,1,2,2-Tetrachloroethane   | EPA-8260 | U       | 3100             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,2,3-Trichloropropane      | EPA-8260 | U       | 1000             | 100             | UG/KG | 12/29/2023    | DLC         |
| Bromobenzene                | EPA-8260 | U       | 2000             | 100             | UG/KG | 12/29/2023    | DLC         |
| N-Propyl Benzene            | EPA-8260 | 34000   | 1700             | 100             | UG/KG | 12/29/2023    | DLC         |
| 2-Chlorotoluene             | EPA-8260 | U       | 2300             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,3,5-Trimethylbenzene      | EPA-8260 | 45000   | 2400             | 100             | UG/KG | 12/29/2023    | DLC         |
| 4-Chlorotoluene             | EPA-8260 | U       | 1600             | 100             | UG/KG | 12/29/2023    | DLC         |
| T-Butyl Benzene             | EPA-8260 | U       | 4200             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,2,4-Trimethylbenzene      | EPA-8260 | 170000  | 2300             | 100             | UG/KG | 12/29/2023    | DLC         |
| S-Butyl Benzene             | EPA-8260 | U       | 2600             | 100             | UG/KG | 12/29/2023    | DLC         |
| P-Isopropyltoluene          | EPA-8260 | U       | 2100             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,3-Dichlorobenzene         | EPA-8260 | U       | 1400             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,4-Dichlorobenzene         | EPA-8260 | U       | 1800             | 100             | UG/KG | 12/29/2023    | DLC         |
| N-Butylbenzene              | EPA-8260 | 7400    | 3300             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,2-Dichlorobenzene         | EPA-8260 | U       | 1500             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,2-Dibromo 3-Chloropropane | EPA-8260 | U       | 5000             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,2,4-Trichlorobenzene      | EPA-8260 | U       | 2500             | 100             | UG/KG | 12/29/2023    | DLC         |
| Hexachlorobutadiene         | EPA-8260 | U       | 2300             | 100             | UG/KG | 12/29/2023    | DLC         |
| Naphthalene                 | EPA-8260 | 11000   | 1700             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,2,3-Trichlorobenzene      | EPA-8260 | U       | 1300             | 100             | UG/KG | 12/29/2023    | DLC         |

| SURROGATE                           | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|-------------------------------------|----------|------|---------------|-------------|
| 1,2-Dichloroethane-d4 100X Dilution | EPA-8260 | 101  | 12/29/2023    | DLC         |
| Toluene-d8 100X Dilution            | EPA-8260 | 92.6 | 12/29/2023    | DLC         |
| 4-Bromofluorobenzene 100X Dilution  | EPA-8260 | 101  | 12/29/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.



# CERTIFICATE OF ANALYSIS

CLIENT: Antea Group  
18378-B Redmond Way  
Redmond, WA 98052-5012  
DATE: 1/2/2024  
ALS JOB#: EV24010001  
ALS SAMPLE#: EV24010001-05  
CLIENT CONTACT: Megan Richard  
DATE RECEIVED: 01/02/2024  
CLIENT PROJECT: MP-46  
COLLECTION DATE: 12/27/2023 12:40:00 PM  
CLIENT SAMPLE ID: SW-S-10\_24\_20231227  
WDOE ACCREDITATION: C601

## SAMPLE DATA RESULTS

| ANALYTE                   | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|---------------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| Dichlorodifluoromethane   | EPA-8260 | U       | 41               | 1               | UG/KG | 01/02/2024    | DLC         |
| Chloromethane             | EPA-8260 | U       | 37               | 1               | UG/KG | 01/02/2024    | DLC         |
| Vinyl Chloride            | EPA-8260 | U       | 10               | 1               | UG/KG | 01/02/2024    | DLC         |
| Bromomethane              | EPA-8260 | U       | 42               | 1               | UG/KG | 01/02/2024    | DLC         |
| Chloroethane              | EPA-8260 | U       | 32               | 1               | UG/KG | 01/02/2024    | DLC         |
| Carbon Tetrachloride      | EPA-8260 | U       | 21               | 1               | UG/KG | 01/02/2024    | DLC         |
| Trichlorofluoromethane    | EPA-8260 | U       | 26               | 1               | UG/KG | 01/02/2024    | DLC         |
| Carbon Disulfide          | EPA-8260 | U       | 28               | 1               | UG/KG | 01/02/2024    | DLC         |
| Acetone                   | EPA-8260 | U       | 50               | 1               | UG/KG | 01/02/2024    | DLC         |
| 1,1-Dichloroethene        | EPA-8260 | U       | 40               | 1               | UG/KG | 01/02/2024    | DLC         |
| Methylene Chloride        | EPA-8260 | U       | 460              | 1               | UG/KG | 01/02/2024    | DLC         |
| Acrylonitrile             | EPA-8260 | U       | 50               | 1               | UG/KG | 01/02/2024    | DLC         |
| Methyl T-Butyl Ether      | EPA-8260 | U       | 41               | 1               | UG/KG | 01/02/2024    | DLC         |
| Trans-1,2-Dichloroethene  | EPA-8260 | U       | 38               | 1               | UG/KG | 01/02/2024    | DLC         |
| 1,1-Dichloroethane        | EPA-8260 | U       | 21               | 1               | UG/KG | 01/02/2024    | DLC         |
| 2-Butanone                | EPA-8260 | U       | 50               | 1               | UG/KG | 01/02/2024    | DLC         |
| Cis-1,2-Dichloroethene    | EPA-8260 | U       | 24               | 1               | UG/KG | 01/02/2024    | DLC         |
| 2,2-Dichloropropane       | EPA-8260 | U       | 30               | 1               | UG/KG | 01/02/2024    | DLC         |
| Bromochloromethane        | EPA-8260 | U       | 28               | 1               | UG/KG | 01/02/2024    | DLC         |
| Chloroform                | EPA-8260 | U       | 39               | 1               | UG/KG | 01/02/2024    | DLC         |
| 1,1,1-Trichloroethane     | EPA-8260 | U       | 41               | 1               | UG/KG | 01/02/2024    | DLC         |
| 1,1-Dichloropropene       | EPA-8260 | U       | 34               | 1               | UG/KG | 01/02/2024    | DLC         |
| 1,2-Dichloroethane        | EPA-8260 | U       | 12               | 1               | UG/KG | 01/02/2024    | DLC         |
| Benzene                   | EPA-8260 | 400     | 20               | 1               | UG/KG | 01/02/2024    | DLC         |
| Trichloroethene           | EPA-8260 | U       | 22               | 1               | UG/KG | 01/02/2024    | DLC         |
| 1,2-Dichloropropane       | EPA-8260 | U       | 13               | 1               | UG/KG | 01/02/2024    | DLC         |
| Dibromomethane            | EPA-8260 | U       | 41               | 1               | UG/KG | 01/02/2024    | DLC         |
| Bromodichloromethane      | EPA-8260 | U       | 12               | 1               | UG/KG | 01/02/2024    | DLC         |
| Trans-1,3-Dichloropropene | EPA-8260 | U       | 27               | 1               | UG/KG | 01/02/2024    | DLC         |
| 4-Methyl-2-Pentanone      | EPA-8260 | U       | 50               | 1               | UG/KG | 01/02/2024    | DLC         |
| Toluene                   | EPA-8260 | 25000   | 1200             | 100             | UG/KG | 12/29/2023    | DLC         |
| Cis-1,3-Dichloropropene   | EPA-8260 | U       | 17               | 1               | UG/KG | 01/02/2024    | DLC         |
| 1,1,2-Trichloroethane     | EPA-8260 | U       | 10               | 1               | UG/KG | 01/02/2024    | DLC         |
| 2-Hexanone                | EPA-8260 | U       | 71               | 1               | UG/KG | 01/02/2024    | DLC         |
| 1,3-Dichloropropane       | EPA-8260 | U       | 10               | 1               | UG/KG | 01/02/2024    | DLC         |
| Tetrachloroethylene       | EPA-8260 | U       | 26               | 1               | UG/KG | 01/02/2024    | DLC         |
| Dibromochloromethane      | EPA-8260 | U       | 10               | 1               | UG/KG | 01/02/2024    | DLC         |
| 1,2-Dibromoethane         | EPA-8260 | U       | 9.6              | 1               | UG/KG | 01/02/2024    | DLC         |
| Chlorobenzene             | EPA-8260 | U       | 11               | 1               | UG/KG | 01/02/2024    | DLC         |



# CERTIFICATE OF ANALYSIS

|                  |                        |                     |                        |
|------------------|------------------------|---------------------|------------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/2/2024               |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010001             |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010001-05          |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/02/2024             |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/27/2023 12:40:00 PM |
| CLIENT SAMPLE ID | SW-S-10_24_20231227    | WDOE ACCREDITATION: | C601                   |

# SAMPLE DATA RESULTS

| ANALYTE                     | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|-----------------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| 1,1,1,2-Tetrachloroethane   | EPA-8260 | U       | 16               | 1               | UG/KG | 01/02/2024    | DLC         |
| Ethylbenzene                | EPA-8260 | 6400    | 1700             | 100             | UG/KG | 12/29/2023    | DLC         |
| m,p-Xylene                  | EPA-8260 | 24000   | 3300             | 100             | UG/KG | 12/29/2023    | DLC         |
| Styrene                     | EPA-8260 | U       | 16               | 1               | UG/KG | 01/02/2024    | DLC         |
| o-Xylene                    | EPA-8260 | 8400    | 2100             | 100             | UG/KG | 12/29/2023    | DLC         |
| Bromoform                   | EPA-8260 | U       | 15               | 1               | UG/KG | 01/02/2024    | DLC         |
| Isopropylbenzene            | EPA-8260 | 560     | 15               | 1               | UG/KG | 01/02/2024    | DLC         |
| 1,1,2,2-Tetrachloroethane   | EPA-8260 | U       | 29               | 1               | UG/KG | 01/02/2024    | DLC         |
| 1,2,3-Trichloropropane      | EPA-8260 | U       | 10               | 1               | UG/KG | 01/02/2024    | DLC         |
| Bromobenzene                | EPA-8260 | U       | 19               | 1               | UG/KG | 01/02/2024    | DLC         |
| N-Propyl Benzene            | EPA-8260 | 2100    | 16               | 1               | UG/KG | 01/02/2024    | DLC         |
| 2-Chlorotoluene             | EPA-8260 | U       | 21               | 1               | UG/KG | 01/02/2024    | DLC         |
| 1,3,5-Trimethylbenzene      | EPA-8260 | 2600    | 22               | 1               | UG/KG | 01/02/2024    | DLC         |
| 4-Chlorotoluene             | EPA-8260 | U       | 15               | 1               | UG/KG | 01/02/2024    | DLC         |
| T-Butyl Benzene             | EPA-8260 | U       | 39               | 1               | UG/KG | 01/02/2024    | DLC         |
| 1,2,4-Trimethylbenzene      | EPA-8260 | 10000   | 2100             | 100             | UG/KG | 12/29/2023    | DLC         |
| S-Butyl Benzene             | EPA-8260 | 150     | 23               | 1               | UG/KG | 01/02/2024    | DLC         |
| P-Isopropyltoluene          | EPA-8260 | 70      | 19               | 1               | UG/KG | 01/02/2024    | DLC         |
| 1,3-Dichlorobenzene         | EPA-8260 | U       | 13               | 1               | UG/KG | 01/02/2024    | DLC         |
| 1,4-Dichlorobenzene         | EPA-8260 | U       | 16               | 1               | UG/KG | 01/02/2024    | DLC         |
| N-Butylbenzene              | EPA-8260 | 470     | 30               | 1               | UG/KG | 01/02/2024    | DLC         |
| 1,2-Dichlorobenzene         | EPA-8260 | U       | 14               | 1               | UG/KG | 01/02/2024    | DLC         |
| 1,2-Dibromo 3-Chloropropane | EPA-8260 | U       | 50               | 1               | UG/KG | 01/02/2024    | DLC         |
| 1,2,4-Trichlorobenzene      | EPA-8260 | U       | 23               | 1               | UG/KG | 01/02/2024    | DLC         |
| Hexachlorobutadiene         | EPA-8260 | U       | 21               | 1               | UG/KG | 01/02/2024    | DLC         |
| Naphthalene                 | EPA-8260 | 210     | 16               | 1               | UG/KG | 01/02/2024    | DLC         |
| 1,2,3-Trichlorobenzene      | EPA-8260 | U       | 12               | 1               | UG/KG | 01/02/2024    | DLC         |

| SURROGATE                           | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|-------------------------------------|----------|------|---------------|-------------|
| 1,2-Dichloroethane-d4 100X Dilution | EPA-8260 | 101  | 12/29/2023    | DLC         |
| 1,2-Dichloroethane-d4               | EPA-8260 | 94.9 | 01/02/2024    | DLC         |
| Toluene-d8 100X Dilution            | EPA-8260 | 95.8 | 12/29/2023    | DLC         |
| Toluene-d8                          | EPA-8260 | 87.2 | 01/02/2024    | DLC         |
| 4-Bromofluorobenzene 100X Dilution  | EPA-8260 | 102  | 12/29/2023    | DLC         |
| 4-Bromofluorobenzene                | EPA-8260 | 99.9 | 01/02/2024    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.



## CERTIFICATE OF ANALYSIS

CLIENT: Antea Group  
18378-B Redmond Way  
Redmond, WA 98052-5012  
DATE: 1/2/2024  
ALS JOB#: EV24010001  
ALS SAMPLE#: EV24010001-06  
CLIENT CONTACT: Megan Richard  
DATE RECEIVED: 01/02/2024  
CLIENT PROJECT: MP-46  
COLLECTION DATE: 12/27/2023 1:05:00 PM  
CLIENT SAMPLE ID: B-19\_24\_20231227  
WDOE ACCREDITATION: C601

## SAMPLE DATA RESULTS

| ANALYTE                   | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|---------------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| Dichlorodifluoromethane   | EPA-8260 | U       | 5700             | 100             | UG/KG | 12/29/2023    | DLC         |
| Chloromethane             | EPA-8260 | U       | 5200             | 100             | UG/KG | 12/29/2023    | DLC         |
| Vinyl Chloride            | EPA-8260 | U       | 1000             | 100             | UG/KG | 12/29/2023    | DLC         |
| Bromomethane              | EPA-8260 | U       | 5900             | 100             | UG/KG | 12/29/2023    | DLC         |
| Chloroethane              | EPA-8260 | U       | 4400             | 100             | UG/KG | 12/29/2023    | DLC         |
| Carbon Tetrachloride      | EPA-8260 | U       | 2900             | 100             | UG/KG | 12/29/2023    | DLC         |
| Trichlorofluoromethane    | EPA-8260 | U       | 3600             | 100             | UG/KG | 12/29/2023    | DLC         |
| Carbon Disulfide          | EPA-8260 | U       | 3900             | 100             | UG/KG | 12/29/2023    | DLC         |
| Acetone                   | EPA-8260 | U       | 6200             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,1-Dichloroethene        | EPA-8260 | U       | 5600             | 100             | UG/KG | 12/29/2023    | DLC         |
| Methylene Chloride        | EPA-8260 | U       | 28000            | 100             | UG/KG | 12/29/2023    | DLC         |
| Acrylonitrile             | EPA-8260 | U       | 5000             | 100             | UG/KG | 12/29/2023    | DLC         |
| Methyl T-Butyl Ether      | EPA-8260 | U       | 5800             | 100             | UG/KG | 12/29/2023    | DLC         |
| Trans-1,2-Dichloroethene  | EPA-8260 | U       | 5300             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,1-Dichloroethane        | EPA-8260 | U       | 2900             | 100             | UG/KG | 12/29/2023    | DLC         |
| 2-Butanone                | EPA-8260 | U       | 5000             | 100             | UG/KG | 12/29/2023    | DLC         |
| Cis-1,2-Dichloroethene    | EPA-8260 | U       | 3300             | 100             | UG/KG | 12/29/2023    | DLC         |
| 2,2-Dichloropropane       | EPA-8260 | U       | 4200             | 100             | UG/KG | 12/29/2023    | DLC         |
| Bromochloromethane        | EPA-8260 | U       | 3900             | 100             | UG/KG | 12/29/2023    | DLC         |
| Chloroform                | EPA-8260 | U       | 5400             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,1,1-Trichloroethane     | EPA-8260 | U       | 5800             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,1-Dichloropropene       | EPA-8260 | U       | 4700             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,2-Dichloroethane        | EPA-8260 | U       | 1700             | 100             | UG/KG | 12/29/2023    | DLC         |
| Benzene                   | EPA-8260 | U       | 2800             | 100             | UG/KG | 12/29/2023    | DLC         |
| Trichloroethene           | EPA-8260 | U       | 3100             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,2-Dichloropropane       | EPA-8260 | U       | 1800             | 100             | UG/KG | 12/29/2023    | DLC         |
| Dibromomethane            | EPA-8260 | U       | 5700             | 100             | UG/KG | 12/29/2023    | DLC         |
| Bromodichloromethane      | EPA-8260 | U       | 1700             | 100             | UG/KG | 12/29/2023    | DLC         |
| Trans-1,3-Dichloropropene | EPA-8260 | U       | 3800             | 100             | UG/KG | 12/29/2023    | DLC         |
| 4-Methyl-2-Pentanone      | EPA-8260 | U       | 6800             | 100             | UG/KG | 12/29/2023    | DLC         |
| Toluene                   | EPA-8260 | 130000  | 1700             | 100             | UG/KG | 12/29/2023    | DLC         |
| Cis-1,3-Dichloropropene   | EPA-8260 | U       | 2400             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,1,2-Trichloroethane     | EPA-8260 | U       | 1400             | 100             | UG/KG | 12/29/2023    | DLC         |
| 2-Hexanone                | EPA-8260 | U       | 9900             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,3-Dichloropropane       | EPA-8260 | U       | 1000             | 100             | UG/KG | 12/29/2023    | DLC         |
| Tetrachloroethylene       | EPA-8260 | U       | 3600             | 100             | UG/KG | 12/29/2023    | DLC         |
| Dibromochloromethane      | EPA-8260 | U       | 1000             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,2-Dibromoethane         | EPA-8260 | U       | 1300             | 100             | UG/KG | 12/29/2023    | DLC         |
| Chlorobenzene             | EPA-8260 | U       | 1600             | 100             | UG/KG | 12/29/2023    | DLC         |



# CERTIFICATE OF ANALYSIS

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/2/2024              |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010001            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010001-06         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/02/2024            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/27/2023 1:05:00 PM |
| CLIENT SAMPLE ID | B-19_24_20231227       | WDOE ACCREDITATION: | C601                  |

# SAMPLE DATA RESULTS

| ANALYTE                     | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|-----------------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| 1,1,1,2-Tetrachloroethane   | EPA-8260 | U       | 2200             | 100             | UG/KG | 12/29/2023    | DLC         |
| Ethylbenzene                | EPA-8260 | 41000   | 2400             | 100             | UG/KG | 12/29/2023    | DLC         |
| m,p-Xylene                  | EPA-8260 | 160000  | 4700             | 100             | UG/KG | 12/29/2023    | DLC         |
| Styrene                     | EPA-8260 | U       | 2300             | 100             | UG/KG | 12/29/2023    | DLC         |
| o-Xylene                    | EPA-8260 | 65000   | 2900             | 100             | UG/KG | 12/29/2023    | DLC         |
| Bromoform                   | EPA-8260 | U       | 2000             | 100             | UG/KG | 12/29/2023    | DLC         |
| Isopropylbenzene            | EPA-8260 | 4400    | 2200             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,1,2,2-Tetrachloroethane   | EPA-8260 | U       | 4000             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,2,3-Trichloropropane      | EPA-8260 | U       | 1000             | 100             | UG/KG | 12/29/2023    | DLC         |
| Bromobenzene                | EPA-8260 | U       | 2600             | 100             | UG/KG | 12/29/2023    | DLC         |
| N-Propyl Benzene            | EPA-8260 | 18000   | 2200             | 100             | UG/KG | 12/29/2023    | DLC         |
| 2-Chlorotoluene             | EPA-8260 | U       | 3000             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,3,5-Trimethylbenzene      | EPA-8260 | 24000   | 3100             | 100             | UG/KG | 12/29/2023    | DLC         |
| 4-Chlorotoluene             | EPA-8260 | U       | 2100             | 100             | UG/KG | 12/29/2023    | DLC         |
| T-Butyl Benzene             | EPA-8260 | U       | 5400             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,2,4-Trimethylbenzene      | EPA-8260 | 88000   | 2900             | 100             | UG/KG | 12/29/2023    | DLC         |
| S-Butyl Benzene             | EPA-8260 | U       | 3300             | 100             | UG/KG | 12/29/2023    | DLC         |
| P-Isopropyltoluene          | EPA-8260 | U       | 2700             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,3-Dichlorobenzene         | EPA-8260 | U       | 1800             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,4-Dichlorobenzene         | EPA-8260 | U       | 2300             | 100             | UG/KG | 12/29/2023    | DLC         |
| N-Butylbenzene              | EPA-8260 | U       | 4200             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,2-Dichlorobenzene         | EPA-8260 | U       | 2000             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,2-Dibromo 3-Chloropropane | EPA-8260 | U       | 5000             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,2,4-Trichlorobenzene      | EPA-8260 | U       | 3300             | 100             | UG/KG | 12/29/2023    | DLC         |
| Hexachlorobutadiene         | EPA-8260 | U       | 2900             | 100             | UG/KG | 12/29/2023    | DLC         |
| Naphthalene                 | EPA-8260 | 8000    | 2200             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,2,3-Trichlorobenzene      | EPA-8260 | U       | 1700             | 100             | UG/KG | 12/29/2023    | DLC         |

| SURROGATE                           | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|-------------------------------------|----------|------|---------------|-------------|
| 1,2-Dichloroethane-d4 100X Dilution | EPA-8260 | 101  | 12/29/2023    | DLC         |
| Toluene-d8 100X Dilution            | EPA-8260 | 93.7 | 12/29/2023    | DLC         |
| 4-Bromofluorobenzene 100X Dilution  | EPA-8260 | 101  | 12/29/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.



# CERTIFICATE OF ANALYSIS

CLIENT: Antea Group  
18378-B Redmond Way  
Redmond, WA 98052-5012

DATE: 1/2/2024  
ALS JOB#: EV24010001

CLIENT CONTACT: Megan Richard

ALS SAMPLE#: EV24010001-07

CLIENT PROJECT: MP-46

DATE RECEIVED: 01/02/2024

CLIENT SAMPLE ID B-12\_24\_20231227

COLLECTION DATE: 12/27/2023 1:15:00 PM

WDOE ACCREDITATION: C601

# SAMPLE DATA RESULTS

| ANALYTE                   | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|---------------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| Dichlorodifluoromethane   | EPA-8260 | U       | 6700             | 100             | UG/KG | 12/29/2023    | DLC         |
| Chloromethane             | EPA-8260 | U       | 6200             | 100             | UG/KG | 12/29/2023    | DLC         |
| Vinyl Chloride            | EPA-8260 | U       | 1000             | 100             | UG/KG | 12/29/2023    | DLC         |
| Bromomethane              | EPA-8260 | U       | 7100             | 100             | UG/KG | 12/29/2023    | DLC         |
| Chloroethane              | EPA-8260 | U       | 5200             | 100             | UG/KG | 12/29/2023    | DLC         |
| Carbon Tetrachloride      | EPA-8260 | U       | 3400             | 100             | UG/KG | 12/29/2023    | DLC         |
| Trichlorofluoromethane    | EPA-8260 | U       | 4300             | 100             | UG/KG | 12/29/2023    | DLC         |
| Carbon Disulfide          | EPA-8260 | U       | 4700             | 100             | UG/KG | 12/29/2023    | DLC         |
| Acetone                   | EPA-8260 | U       | 7300             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,1-Dichloroethene        | EPA-8260 | U       | 6600             | 100             | UG/KG | 12/29/2023    | DLC         |
| Methylene Chloride        | EPA-8260 | U       | 58000            | 100             | UG/KG | 12/29/2023    | DLC         |
| Acrylonitrile             | EPA-8260 | U       | 5000             | 100             | UG/KG | 12/29/2023    | DLC         |
| Methyl T-Butyl Ether      | EPA-8260 | U       | 6900             | 100             | UG/KG | 12/29/2023    | DLC         |
| Trans-1,2-Dichloroethene  | EPA-8260 | U       | 6300             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,1-Dichloroethane        | EPA-8260 | U       | 3500             | 100             | UG/KG | 12/29/2023    | DLC         |
| 2-Butanone                | EPA-8260 | U       | 5000             | 100             | UG/KG | 12/29/2023    | DLC         |
| Cis-1,2-Dichloroethene    | EPA-8260 | U       | 3900             | 100             | UG/KG | 12/29/2023    | DLC         |
| 2,2-Dichloropropane       | EPA-8260 | U       | 5000             | 100             | UG/KG | 12/29/2023    | DLC         |
| Bromochloromethane        | EPA-8260 | U       | 4600             | 100             | UG/KG | 12/29/2023    | DLC         |
| Chloroform                | EPA-8260 | U       | 6400             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,1,1-Trichloroethane     | EPA-8260 | U       | 6900             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,1-Dichloropropene       | EPA-8260 | U       | 5600             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,2-Dichloroethane        | EPA-8260 | U       | 2000             | 100             | UG/KG | 12/29/2023    | DLC         |
| Benzene                   | EPA-8260 | 18000   | 3400             | 100             | UG/KG | 12/29/2023    | DLC         |
| Trichloroethene           | EPA-8260 | U       | 3700             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,2-Dichloropropane       | EPA-8260 | U       | 2100             | 100             | UG/KG | 12/29/2023    | DLC         |
| Dibromomethane            | EPA-8260 | U       | 6800             | 100             | UG/KG | 12/29/2023    | DLC         |
| Bromodichloromethane      | EPA-8260 | U       | 2100             | 100             | UG/KG | 12/29/2023    | DLC         |
| Trans-1,3-Dichloropropene | EPA-8260 | U       | 4500             | 100             | UG/KG | 12/29/2023    | DLC         |
| 4-Methyl-2-Pentanone      | EPA-8260 | U       | 8100             | 100             | UG/KG | 12/29/2023    | DLC         |
| Toluene                   | EPA-8260 | 510000  | 2000             | 100             | UG/KG | 12/29/2023    | DLC         |
| Cis-1,3-Dichloropropene   | EPA-8260 | U       | 2900             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,1,2-Trichloroethane     | EPA-8260 | U       | 1700             | 100             | UG/KG | 12/29/2023    | DLC         |
| 2-Hexanone                | EPA-8260 | U       | 12000            | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,3-Dichloropropane       | EPA-8260 | U       | 1100             | 100             | UG/KG | 12/29/2023    | DLC         |
| Tetrachloroethylene       | EPA-8260 | U       | 4300             | 100             | UG/KG | 12/29/2023    | DLC         |
| Dibromochloromethane      | EPA-8260 | U       | 1000             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,2-Dibromoethane         | EPA-8260 | U       | 1600             | 100             | UG/KG | 12/29/2023    | DLC         |
| Chlorobenzene             | EPA-8260 | U       | 1900             | 100             | UG/KG | 12/29/2023    | DLC         |



# CERTIFICATE OF ANALYSIS

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 1/2/2024              |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV24010001            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV24010001-07         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 01/02/2024            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/27/2023 1:15:00 PM |
| CLIENT SAMPLE ID | B-12_24_20231227       | WDOE ACCREDITATION: | C601                  |

# SAMPLE DATA RESULTS

| ANALYTE                     | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|-----------------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| 1,1,1,2-Tetrachloroethane   | EPA-8260 | U       | 2600             | 100             | UG/KG | 12/29/2023    | DLC         |
| Ethylbenzene                | EPA-8260 | 110000  | 2800             | 100             | UG/KG | 12/29/2023    | DLC         |
| m,p-Xylene                  | EPA-8260 | 420000  | 5500             | 100             | UG/KG | 12/29/2023    | DLC         |
| Styrene                     | EPA-8260 | U       | 2700             | 100             | UG/KG | 12/29/2023    | DLC         |
| o-Xylene                    | EPA-8260 | 160000  | 3500             | 100             | UG/KG | 12/29/2023    | DLC         |
| Bromoform                   | EPA-8260 | U       | 2400             | 100             | UG/KG | 12/29/2023    | DLC         |
| Isopropylbenzene            | EPA-8260 | 9400    | 2600             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,1,2,2-Tetrachloroethane   | EPA-8260 | U       | 4800             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,2,3-Trichloropropane      | EPA-8260 | U       | 1000             | 100             | UG/KG | 12/29/2023    | DLC         |
| Bromobenzene                | EPA-8260 | U       | 3100             | 100             | UG/KG | 12/29/2023    | DLC         |
| N-Propyl Benzene            | EPA-8260 | 38000   | 2600             | 100             | UG/KG | 12/29/2023    | DLC         |
| 2-Chlorotoluene             | EPA-8260 | U       | 3500             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,3,5-Trimethylbenzene      | EPA-8260 | 50000   | 3700             | 100             | UG/KG | 12/29/2023    | DLC         |
| 4-Chlorotoluene             | EPA-8260 | U       | 2500             | 100             | UG/KG | 12/29/2023    | DLC         |
| T-Butyl Benzene             | EPA-8260 | U       | 6400             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,2,4-Trimethylbenzene      | EPA-8260 | 180000  | 3500             | 100             | UG/KG | 12/29/2023    | DLC         |
| S-Butyl Benzene             | EPA-8260 | U       | 3900             | 100             | UG/KG | 12/29/2023    | DLC         |
| P-Isopropyltoluene          | EPA-8260 | U       | 3200             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,3-Dichlorobenzene         | EPA-8260 | U       | 2200             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,4-Dichlorobenzene         | EPA-8260 | U       | 2700             | 100             | UG/KG | 12/29/2023    | DLC         |
| N-Butylbenzene              | EPA-8260 | 8100    | 5100             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,2-Dichlorobenzene         | EPA-8260 | U       | 2300             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,2-Dibromo 3-Chloropropane | EPA-8260 | U       | 5000             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,2,4-Trichlorobenzene      | EPA-8260 | U       | 3900             | 100             | UG/KG | 12/29/2023    | DLC         |
| Hexachlorobutadiene         | EPA-8260 | U       | 3500             | 100             | UG/KG | 12/29/2023    | DLC         |
| Naphthalene                 | EPA-8260 | 13000   | 2600             | 100             | UG/KG | 12/29/2023    | DLC         |
| 1,2,3-Trichlorobenzene      | EPA-8260 | U       | 2000             | 100             | UG/KG | 12/29/2023    | DLC         |

| SURROGATE                           | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|-------------------------------------|----------|------|---------------|-------------|
| 1,2-Dichloroethane-d4 100X Dilution | EPA-8260 | 102  | 12/29/2023    | DLC         |
| Toluene-d8 100X Dilution            | EPA-8260 | 92.4 | 12/29/2023    | DLC         |
| 4-Bromofluorobenzene 100X Dilution  | EPA-8260 | 102  | 12/29/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.



## CERTIFICATE OF ANALYSIS

CLIENT: Antea Group  
18378-B Redmond Way  
Redmond, WA 98052-5012

CLIENT CONTACT: Megan Richard  
CLIENT PROJECT: MP-46

DATE: 1/2/2024  
ALS SDG#: EV24010001  
WDOE ACCREDITATION: C601

## LABORATORY BLANK RESULTS

### MB-122923S - Batch 205534 - Soil by EPA-8260

| ANALYTE                   | METHOD   | RESULTS | UNITS | REPORTING<br>LIMITS | ANALYSIS<br>DATE | ANALYSIS<br>BY |
|---------------------------|----------|---------|-------|---------------------|------------------|----------------|
| Dichlorodifluoromethane   | EPA-8260 | U       | UG/KG | 10                  | 12/29/2023       | DLC            |
| Chloromethane             | EPA-8260 | U       | UG/KG | 10                  | 12/29/2023       | DLC            |
| Vinyl Chloride            | EPA-8260 | U       | UG/KG | 10                  | 12/29/2023       | DLC            |
| Bromomethane              | EPA-8260 | U       | UG/KG | 10                  | 12/29/2023       | DLC            |
| Chloroethane              | EPA-8260 | U       | UG/KG | 10                  | 12/29/2023       | DLC            |
| Carbon Tetrachloride      | EPA-8260 | U       | UG/KG | 10                  | 12/29/2023       | DLC            |
| Trichlorofluoromethane    | EPA-8260 | U       | UG/KG | 10                  | 12/29/2023       | DLC            |
| Carbon Disulfide          | EPA-8260 | U       | UG/KG | 10                  | 12/29/2023       | DLC            |
| Acetone                   | EPA-8260 | U       | UG/KG | 50                  | 12/29/2023       | DLC            |
| 1,1-Dichloroethene        | EPA-8260 | U       | UG/KG | 10                  | 12/29/2023       | DLC            |
| Methylene Chloride        | EPA-8260 | U       | UG/KG | 460                 | 12/29/2023       | DLC            |
| Acrylonitrile             | EPA-8260 | U       | UG/KG | 50                  | 12/29/2023       | DLC            |
| Methyl T-Butyl Ether      | EPA-8260 | U       | UG/KG | 10                  | 12/29/2023       | DLC            |
| Trans-1,2-Dichloroethene  | EPA-8260 | U       | UG/KG | 10                  | 12/29/2023       | DLC            |
| 1,1-Dichloroethane        | EPA-8260 | U       | UG/KG | 10                  | 12/29/2023       | DLC            |
| 2-Butanone                | EPA-8260 | U       | UG/KG | 50                  | 12/29/2023       | DLC            |
| Cis-1,2-Dichloroethene    | EPA-8260 | U       | UG/KG | 10                  | 12/29/2023       | DLC            |
| 2,2-Dichloropropane       | EPA-8260 | U       | UG/KG | 10                  | 12/29/2023       | DLC            |
| Bromochloromethane        | EPA-8260 | U       | UG/KG | 10                  | 12/29/2023       | DLC            |
| Chloroform                | EPA-8260 | U       | UG/KG | 10                  | 12/29/2023       | DLC            |
| 1,1,1-Trichloroethane     | EPA-8260 | U       | UG/KG | 10                  | 12/29/2023       | DLC            |
| 1,1-Dichloropropene       | EPA-8260 | U       | UG/KG | 10                  | 12/29/2023       | DLC            |
| 1,2-Dichloroethane        | EPA-8260 | U       | UG/KG | 10                  | 12/29/2023       | DLC            |
| Benzene                   | EPA-8260 | U       | UG/KG | 5.0                 | 12/29/2023       | DLC            |
| Trichloroethene           | EPA-8260 | U       | UG/KG | 10                  | 12/29/2023       | DLC            |
| 1,2-Dichloropropane       | EPA-8260 | U       | UG/KG | 10                  | 12/29/2023       | DLC            |
| Dibromomethane            | EPA-8260 | U       | UG/KG | 10                  | 12/29/2023       | DLC            |
| Bromodichloromethane      | EPA-8260 | U       | UG/KG | 10                  | 12/29/2023       | DLC            |
| Trans-1,3-Dichloropropene | EPA-8260 | U       | UG/KG | 10                  | 12/29/2023       | DLC            |
| 4-Methyl-2-Pentanone      | EPA-8260 | U       | UG/KG | 50                  | 12/29/2023       | DLC            |
| Toluene                   | EPA-8260 | U       | UG/KG | 10                  | 12/29/2023       | DLC            |
| Cis-1,3-Dichloropropene   | EPA-8260 | U       | UG/KG | 10                  | 12/29/2023       | DLC            |
| 1,1,2-Trichloroethane     | EPA-8260 | U       | UG/KG | 10                  | 12/29/2023       | DLC            |
| 2-Hexanone                | EPA-8260 | U       | UG/KG | 50                  | 12/29/2023       | DLC            |
| 1,3-Dichloropropane       | EPA-8260 | U       | UG/KG | 10                  | 12/29/2023       | DLC            |
| Tetrachloroethylene       | EPA-8260 | U       | UG/KG | 10                  | 12/29/2023       | DLC            |
| Dibromochloromethane      | EPA-8260 | U       | UG/KG | 10                  | 12/29/2023       | DLC            |
| 1,2-Dibromoethane         | EPA-8260 | U       | UG/KG | 5.0                 | 12/29/2023       | DLC            |
| Chlorobenzene             | EPA-8260 | U       | UG/KG | 10                  | 12/29/2023       | DLC            |



## CERTIFICATE OF ANALYSIS

CLIENT: Antea Group  
18378-B Redmond Way  
Redmond, WA 98052-5012  
DATE: 1/2/2024  
ALS SDG#: EV24010001  
WDOE ACCREDITATION: C601

CLIENT CONTACT: Megan Richard  
CLIENT PROJECT: MP-46

## LABORATORY BLANK RESULTS

### MB-122923S - Batch 205534 - Soil by EPA-8260

|                             |          |   |       |    |            |     |
|-----------------------------|----------|---|-------|----|------------|-----|
| 1,1,1,2-Tetrachloroethane   | EPA-8260 | U | UG/KG | 10 | 12/29/2023 | DLC |
| Ethylbenzene                | EPA-8260 | U | UG/KG | 10 | 12/29/2023 | DLC |
| m,p-Xylene                  | EPA-8260 | U | UG/KG | 20 | 12/29/2023 | DLC |
| Styrene                     | EPA-8260 | U | UG/KG | 10 | 12/29/2023 | DLC |
| o-Xylene                    | EPA-8260 | U | UG/KG | 10 | 12/29/2023 | DLC |
| Bromoform                   | EPA-8260 | U | UG/KG | 10 | 12/29/2023 | DLC |
| Isopropylbenzene            | EPA-8260 | U | UG/KG | 10 | 12/29/2023 | DLC |
| 1,1,2,2-Tetrachloroethane   | EPA-8260 | U | UG/KG | 10 | 12/29/2023 | DLC |
| 1,2,3-Trichloropropane      | EPA-8260 | U | UG/KG | 10 | 12/29/2023 | DLC |
| Bromobenzene                | EPA-8260 | U | UG/KG | 10 | 12/29/2023 | DLC |
| N-Propyl Benzene            | EPA-8260 | U | UG/KG | 10 | 12/29/2023 | DLC |
| 2-Chlorotoluene             | EPA-8260 | U | UG/KG | 10 | 12/29/2023 | DLC |
| 1,3,5-Trimethylbenzene      | EPA-8260 | U | UG/KG | 10 | 12/29/2023 | DLC |
| 4-Chlorotoluene             | EPA-8260 | U | UG/KG | 10 | 12/29/2023 | DLC |
| T-Butyl Benzene             | EPA-8260 | U | UG/KG | 10 | 12/29/2023 | DLC |
| 1,2,4-Trimethylbenzene      | EPA-8260 | U | UG/KG | 10 | 12/29/2023 | DLC |
| S-Butyl Benzene             | EPA-8260 | U | UG/KG | 10 | 12/29/2023 | DLC |
| P-Isopropyltoluene          | EPA-8260 | U | UG/KG | 10 | 12/29/2023 | DLC |
| 1,3-Dichlorobenzene         | EPA-8260 | U | UG/KG | 10 | 12/29/2023 | DLC |
| 1,4-Dichlorobenzene         | EPA-8260 | U | UG/KG | 10 | 12/29/2023 | DLC |
| N-Butylbenzene              | EPA-8260 | U | UG/KG | 10 | 12/29/2023 | DLC |
| 1,2-Dichlorobenzene         | EPA-8260 | U | UG/KG | 10 | 12/29/2023 | DLC |
| 1,2-Dibromo 3-Chloropropane | EPA-8260 | U | UG/KG | 50 | 12/29/2023 | DLC |
| 1,2,4-Trichlorobenzene      | EPA-8260 | U | UG/KG | 10 | 12/29/2023 | DLC |
| Hexachlorobutadiene         | EPA-8260 | U | UG/KG | 10 | 12/29/2023 | DLC |
| Naphthalene                 | EPA-8260 | U | UG/KG | 10 | 12/29/2023 | DLC |
| 1,2,3-Trichlorobenzene      | EPA-8260 | U | UG/KG | 10 | 12/29/2023 | DLC |

U - Analyte analyzed for but not detected at level above reporting limit.



# CERTIFICATE OF ANALYSIS

CLIENT: Antea Group  
18378-B Redmond Way  
Redmond, WA 98052-5012

CLIENT CONTACT: Megan Richard  
CLIENT PROJECT: MP-46

DATE: 1/2/2024  
ALS SDG#: EV24010001  
WDOE ACCREDITATION: C601

## LABORATORY CONTROL SAMPLE RESULTS

### ALS Test Batch ID: 205534 - Soil by EPA-8260

| SPIKED COMPOUND                | METHOD   | %REC | RPD | QUAL | LIMITS |     | ANALYSIS DATE | ANALYSIS BY |
|--------------------------------|----------|------|-----|------|--------|-----|---------------|-------------|
|                                |          |      |     |      | MIN    | MAX |               |             |
| Dichlorodifluoromethane - BS   | EPA-8260 | 122  |     |      | 50     | 150 | 12/29/2023    | DLC         |
| Dichlorodifluoromethane - BSD  | EPA-8260 | 118  | 3   |      | 50     | 150 | 12/29/2023    | DLC         |
| Chloromethane - BS             | EPA-8260 | 131  |     |      | 50     | 150 | 12/29/2023    | DLC         |
| Chloromethane - BSD            | EPA-8260 | 125  | 5   |      | 50     | 150 | 12/29/2023    | DLC         |
| Vinyl Chloride - BS            | EPA-8260 | 116  |     |      | 50     | 150 | 12/29/2023    | DLC         |
| Vinyl Chloride - BSD           | EPA-8260 | 114  | 2   |      | 50     | 150 | 12/29/2023    | DLC         |
| Bromomethane - BS              | EPA-8260 | 110  |     |      | 50     | 150 | 12/29/2023    | DLC         |
| Bromomethane - BSD             | EPA-8260 | 114  | 3   |      | 50     | 150 | 12/29/2023    | DLC         |
| Chloroethane - BS              | EPA-8260 | 106  |     |      | 50     | 150 | 12/29/2023    | DLC         |
| Chloroethane - BSD             | EPA-8260 | 104  | 2   |      | 50     | 150 | 12/29/2023    | DLC         |
| Carbon Tetrachloride - BS      | EPA-8260 | 99.7 |     |      | 50     | 150 | 12/29/2023    | DLC         |
| Carbon Tetrachloride - BSD     | EPA-8260 | 99.9 | 0   |      | 50     | 150 | 12/29/2023    | DLC         |
| Trichlorofluoromethane - BS    | EPA-8260 | 109  |     |      | 50     | 150 | 12/29/2023    | DLC         |
| Trichlorofluoromethane - BSD   | EPA-8260 | 108  | 0   |      | 50     | 150 | 12/29/2023    | DLC         |
| Carbon Disulfide - BS          | EPA-8260 | 116  |     |      | 50     | 150 | 12/29/2023    | DLC         |
| Carbon Disulfide - BSD         | EPA-8260 | 115  | 1   |      | 50     | 150 | 12/29/2023    | DLC         |
| Acetone - BS                   | EPA-8260 | 284  |     | SQ3  | 50     | 150 | 12/29/2023    | DLC         |
| Acetone - BSD                  | EPA-8260 | 221  | 25  | SQ3  | 50     | 150 | 12/29/2023    | DLC         |
| 1,1-Dichloroethene - BS        | EPA-8260 | 106  |     |      | 70     | 130 | 12/29/2023    | DLC         |
| 1,1-Dichloroethene - BSD       | EPA-8260 | 105  | 1   |      | 70     | 130 | 12/29/2023    | DLC         |
| Methylene Chloride - BS        | EPA-8260 | 141  |     |      | 50     | 150 | 12/29/2023    | DLC         |
| Methylene Chloride - BSD       | EPA-8260 | 135  | 4   |      | 50     | 150 | 12/29/2023    | DLC         |
| Acrylonitrile - BS             | EPA-8260 | 107  |     |      | 50     | 150 | 12/29/2023    | DLC         |
| Acrylonitrile - BSD            | EPA-8260 | 106  | 1   |      | 50     | 150 | 12/29/2023    | DLC         |
| Methyl T-Butyl Ether - BS      | EPA-8260 | 119  |     |      | 50     | 150 | 12/29/2023    | DLC         |
| Methyl T-Butyl Ether - BSD     | EPA-8260 | 121  | 2   |      | 50     | 150 | 12/29/2023    | DLC         |
| Trans-1,2-Dichloroethene - BS  | EPA-8260 | 106  |     |      | 50     | 150 | 12/29/2023    | DLC         |
| Trans-1,2-Dichloroethene - BSD | EPA-8260 | 105  | 1   |      | 50     | 150 | 12/29/2023    | DLC         |
| 1,1-Dichloroethane - BS        | EPA-8260 | 103  |     |      | 50     | 150 | 12/29/2023    | DLC         |
| 1,1-Dichloroethane - BSD       | EPA-8260 | 102  | 1   |      | 50     | 150 | 12/29/2023    | DLC         |
| 2-Butanone - BS                | EPA-8260 | 182  |     | SQ3  | 50     | 150 | 12/29/2023    | DLC         |
| 2-Butanone - BSD               | EPA-8260 | 164  | 11  | SQ3  | 50     | 150 | 12/29/2023    | DLC         |
| Cis-1,2-Dichloroethene - BS    | EPA-8260 | 104  |     |      | 50     | 150 | 12/29/2023    | DLC         |
| Cis-1,2-Dichloroethene - BSD   | EPA-8260 | 103  | 1   |      | 50     | 150 | 12/29/2023    | DLC         |
| 2,2-Dichloropropane - BS       | EPA-8260 | 110  |     |      | 50     | 150 | 12/29/2023    | DLC         |
| 2,2-Dichloropropane - BSD      | EPA-8260 | 108  | 3   |      | 50     | 150 | 12/29/2023    | DLC         |
| Bromochloromethane - BS        | EPA-8260 | 107  |     |      | 50     | 150 | 12/29/2023    | DLC         |
| Bromochloromethane - BSD       | EPA-8260 | 106  | 0   |      | 50     | 150 | 12/29/2023    | DLC         |
| Chloroform - BS                | EPA-8260 | 107  |     |      | 50     | 150 | 12/29/2023    | DLC         |



## CERTIFICATE OF ANALYSIS

CLIENT: Antea Group  
18378-B Redmond Way  
Redmond, WA 98052-5012

CLIENT CONTACT: Megan Richard  
CLIENT PROJECT: MP-46

DATE: 1/2/2024  
ALS SDG#: EV24010001  
WDOE ACCREDITATION: C601

## LABORATORY CONTROL SAMPLE RESULTS

| SPIKED COMPOUND                 | METHOD   | %REC | RPD | QUAL | LIMITS |       | ANALYSIS DATE | ANALYSIS BY |
|---------------------------------|----------|------|-----|------|--------|-------|---------------|-------------|
|                                 |          |      |     |      | MIN    | MAX   |               |             |
| Chloroform - BSD                | EPA-8260 | 106  | 1   |      | 50     | 150   | 12/29/2023    | DLC         |
| 1,1,1-Trichloroethane - BS      | EPA-8260 | 101  |     |      | 50     | 150   | 12/29/2023    | DLC         |
| 1,1,1-Trichloroethane - BSD     | EPA-8260 | 101  | 0   |      | 50     | 150   | 12/29/2023    | DLC         |
| 1,1-Dichloropropene - BS        | EPA-8260 | 105  |     |      | 50     | 150   | 12/29/2023    | DLC         |
| 1,1-Dichloropropene - BSD       | EPA-8260 | 103  | 2   |      | 50     | 150   | 12/29/2023    | DLC         |
| 1,2-Dichloroethane - BS         | EPA-8260 | 93.5 |     |      | 50     | 150   | 12/29/2023    | DLC         |
| 1,2-Dichloroethane - BSD        | EPA-8260 | 93.2 | 0   |      | 50     | 150   | 12/29/2023    | DLC         |
| Benzene - BS                    | EPA-8260 | 93.7 |     |      | 75     | 138   | 12/29/2023    | DLC         |
| Benzene - BSD                   | EPA-8260 | 91.9 | 2   |      | 75     | 138   | 12/29/2023    | DLC         |
| Trichloroethene - BS            | EPA-8260 | 92.9 |     |      | 75     | 136   | 12/29/2023    | DLC         |
| Trichloroethene - BSD           | EPA-8260 | 91.1 | 2   |      | 75     | 136   | 12/29/2023    | DLC         |
| 1,2-Dichloropropane - BS        | EPA-8260 | 98.5 |     |      | 50     | 150   | 12/29/2023    | DLC         |
| 1,2-Dichloropropane - BSD       | EPA-8260 | 96.1 | 2   |      | 50     | 150   | 12/29/2023    | DLC         |
| Dibromomethane - BS             | EPA-8260 | 103  |     |      | 50     | 150   | 12/29/2023    | DLC         |
| Dibromomethane - BSD            | EPA-8260 | 104  | 1   |      | 50     | 150   | 12/29/2023    | DLC         |
| Bromodichloromethane - BS       | EPA-8260 | 96.2 |     |      | 50     | 150   | 12/29/2023    | DLC         |
| Bromodichloromethane - BSD      | EPA-8260 | 95.2 | 1   |      | 50     | 150   | 12/29/2023    | DLC         |
| Trans-1,3-Dichloropropene - BS  | EPA-8260 | 99.2 |     |      | 50     | 150   | 12/29/2023    | DLC         |
| Trans-1,3-Dichloropropene - BSD | EPA-8260 | 101  | 2   |      | 50     | 150   | 12/29/2023    | DLC         |
| 4-Methyl-2-Pentanone - BS       | EPA-8260 | 121  |     |      | 50     | 150   | 12/29/2023    | DLC         |
| 4-Methyl-2-Pentanone - BSD      | EPA-8260 | 127  | 5   |      | 50     | 150   | 12/29/2023    | DLC         |
| Toluene - BS                    | EPA-8260 | 105  |     |      | 71.6   | 122.1 | 12/29/2023    | DLC         |
| Toluene - BSD                   | EPA-8260 | 101  | 4   |      | 71.6   | 122.1 | 12/29/2023    | DLC         |
| Cis-1,3-Dichloropropene - BS    | EPA-8260 | 104  |     |      | 50     | 150   | 12/29/2023    | DLC         |
| Cis-1,3-Dichloropropene - BSD   | EPA-8260 | 102  | 1   |      | 50     | 150   | 12/29/2023    | DLC         |
| 1,1,2-Trichloroethane - BS      | EPA-8260 | 97.1 |     |      | 50     | 150   | 12/29/2023    | DLC         |
| 1,1,2-Trichloroethane - BSD     | EPA-8260 | 97.1 | 0   |      | 50     | 150   | 12/29/2023    | DLC         |
| 2-Hexanone - BS                 | EPA-8260 | 147  |     |      | 50     | 150   | 12/29/2023    | DLC         |
| 2-Hexanone - BSD                | EPA-8260 | 134  | 9   |      | 50     | 150   | 12/29/2023    | DLC         |
| 1,3-Dichloropropane - BS        | EPA-8260 | 98.1 |     |      | 50     | 150   | 12/29/2023    | DLC         |
| 1,3-Dichloropropane - BSD       | EPA-8260 | 98.9 | 1   |      | 50     | 150   | 12/29/2023    | DLC         |
| Tetrachloroethylene - BS        | EPA-8260 | 80.6 |     |      | 50     | 150   | 12/29/2023    | DLC         |
| Tetrachloroethylene - BSD       | EPA-8260 | 81.0 | 0   |      | 50     | 150   | 12/29/2023    | DLC         |
| Dibromochloromethane - BS       | EPA-8260 | 95.6 |     |      | 50     | 150   | 12/29/2023    | DLC         |
| Dibromochloromethane - BSD      | EPA-8260 | 97.1 | 2   |      | 50     | 150   | 12/29/2023    | DLC         |
| 1,2-Dibromoethane - BS          | EPA-8260 | 100  |     |      | 50     | 150   | 12/29/2023    | DLC         |
| 1,2-Dibromoethane - BSD         | EPA-8260 | 103  | 2   |      | 50     | 150   | 12/29/2023    | DLC         |
| Chlorobenzene - BS              | EPA-8260 | 89.2 |     |      | 79     | 128   | 12/29/2023    | DLC         |
| Chlorobenzene - BSD             | EPA-8260 | 88.0 | 1   |      | 79     | 128   | 12/29/2023    | DLC         |
| 1,1,1,2-Tetrachloroethane - BS  | EPA-8260 | 87.8 |     |      | 50     | 150   | 12/29/2023    | DLC         |



## CERTIFICATE OF ANALYSIS

CLIENT: Antea Group  
18378-B Redmond Way  
Redmond, WA 98052-5012

CLIENT CONTACT: Megan Richard  
CLIENT PROJECT: MP-46

DATE: 1/2/2024  
ALS SDG#: EV24010001  
WDOE ACCREDITATION: C601

## LABORATORY CONTROL SAMPLE RESULTS

| SPIKED COMPOUND                 | METHOD   | %REC | RPD | QUAL | LIMITS |     | ANALYSIS DATE | ANALYSIS BY |
|---------------------------------|----------|------|-----|------|--------|-----|---------------|-------------|
|                                 |          |      |     |      | MIN    | MAX |               |             |
| 1,1,1,2-Tetrachloroethane - BSD | EPA-8260 | 88.7 | 1   |      | 50     | 150 | 12/29/2023    | DLC         |
| Ethylbenzene - BS               | EPA-8260 | 92.7 |     |      | 50     | 150 | 12/29/2023    | DLC         |
| Ethylbenzene - BSD              | EPA-8260 | 91.3 | 1   |      | 50     | 150 | 12/29/2023    | DLC         |
| m,p-Xylene - BS                 | EPA-8260 | 96.1 |     |      | 50     | 150 | 12/29/2023    | DLC         |
| m,p-Xylene - BSD                | EPA-8260 | 94.0 | 2   |      | 50     | 150 | 12/29/2023    | DLC         |
| Styrene - BS                    | EPA-8260 | 93.4 |     |      | 50     | 150 | 12/29/2023    | DLC         |
| Styrene - BSD                   | EPA-8260 | 92.6 | 1   |      | 50     | 150 | 12/29/2023    | DLC         |
| o-Xylene - BS                   | EPA-8260 | 93.5 |     |      | 50     | 150 | 12/29/2023    | DLC         |
| o-Xylene - BSD                  | EPA-8260 | 91.2 | 2   |      | 50     | 150 | 12/29/2023    | DLC         |
| Bromoform - BS                  | EPA-8260 | 104  |     |      | 50     | 150 | 12/29/2023    | DLC         |
| Bromoform - BSD                 | EPA-8260 | 106  | 2   |      | 50     | 150 | 12/29/2023    | DLC         |
| Isopropylbenzene - BS           | EPA-8260 | 89.0 |     |      | 50     | 150 | 12/29/2023    | DLC         |
| Isopropylbenzene - BSD          | EPA-8260 | 87.8 | 1   |      | 50     | 150 | 12/29/2023    | DLC         |
| 1,1,2,2-Tetrachloroethane - BS  | EPA-8260 | 104  |     |      | 50     | 150 | 12/29/2023    | DLC         |
| 1,1,2,2-Tetrachloroethane - BSD | EPA-8260 | 107  | 3   |      | 50     | 150 | 12/29/2023    | DLC         |
| 1,2,3-Trichloropropane - BS     | EPA-8260 | 102  |     |      | 50     | 150 | 12/29/2023    | DLC         |
| 1,2,3-Trichloropropane - BSD    | EPA-8260 | 105  | 3   |      | 50     | 150 | 12/29/2023    | DLC         |
| Bromobenzene - BS               | EPA-8260 | 89.0 |     |      | 50     | 150 | 12/29/2023    | DLC         |
| Bromobenzene - BSD              | EPA-8260 | 88.1 | 1   |      | 50     | 150 | 12/29/2023    | DLC         |
| N-Propyl Benzene - BS           | EPA-8260 | 91.1 |     |      | 50     | 150 | 12/29/2023    | DLC         |
| N-Propyl Benzene - BSD          | EPA-8260 | 88.3 | 3   |      | 50     | 150 | 12/29/2023    | DLC         |
| 2-Chlorotoluene - BS            | EPA-8260 | 89.2 |     |      | 50     | 150 | 12/29/2023    | DLC         |
| 2-Chlorotoluene - BSD           | EPA-8260 | 87.1 | 2   |      | 50     | 150 | 12/29/2023    | DLC         |
| 1,3,5-Trimethylbenzene - BS     | EPA-8260 | 88.0 |     |      | 50     | 150 | 12/29/2023    | DLC         |
| 1,3,5-Trimethylbenzene - BSD    | EPA-8260 | 86.2 | 2   |      | 50     | 150 | 12/29/2023    | DLC         |
| 4-Chlorotoluene - BS            | EPA-8260 | 90.3 |     |      | 50     | 150 | 12/29/2023    | DLC         |
| 4-Chlorotoluene - BSD           | EPA-8260 | 88.4 | 2   |      | 50     | 150 | 12/29/2023    | DLC         |
| T-Butyl Benzene - BS            | EPA-8260 | 89.8 |     |      | 50     | 150 | 12/29/2023    | DLC         |
| T-Butyl Benzene - BSD           | EPA-8260 | 88.6 | 1   |      | 50     | 150 | 12/29/2023    | DLC         |
| 1,2,4-Trimethylbenzene - BS     | EPA-8260 | 96.6 |     |      | 50     | 150 | 12/29/2023    | DLC         |
| 1,2,4-Trimethylbenzene - BSD    | EPA-8260 | 93.3 | 4   |      | 50     | 150 | 12/29/2023    | DLC         |
| S-Butyl Benzene - BS            | EPA-8260 | 89.2 |     |      | 50     | 150 | 12/29/2023    | DLC         |
| S-Butyl Benzene - BSD           | EPA-8260 | 86.9 | 3   |      | 50     | 150 | 12/29/2023    | DLC         |
| P-Isopropyltoluene - BS         | EPA-8260 | 89.4 |     |      | 50     | 150 | 12/29/2023    | DLC         |
| P-Isopropyltoluene - BSD        | EPA-8260 | 87.8 | 2   |      | 50     | 150 | 12/29/2023    | DLC         |
| 1,3-Dichlorobenzene - BS        | EPA-8260 | 88.2 |     |      | 50     | 150 | 12/29/2023    | DLC         |
| 1,3-Dichlorobenzene - BSD       | EPA-8260 | 87.1 | 1   |      | 50     | 150 | 12/29/2023    | DLC         |
| 1,4-Dichlorobenzene - BS        | EPA-8260 | 87.9 |     |      | 50     | 150 | 12/29/2023    | DLC         |
| 1,4-Dichlorobenzene - BSD       | EPA-8260 | 87.4 | 1   |      | 50     | 150 | 12/29/2023    | DLC         |
| N-Butylbenzene - BS             | EPA-8260 | 89.8 |     |      | 50     | 150 | 12/29/2023    | DLC         |

**CERTIFICATE OF ANALYSIS**

**CLIENT:** Antea Group  
 18378-B Redmond Way  
 Redmond, WA 98052-5012  
**DATE:** 1/2/2024  
**ALS SDG#:** EV24010001  
**WDOE ACCREDITATION:** C601  
**CLIENT CONTACT:** Megan Richard  
**CLIENT PROJECT:** MP-46

**LABORATORY CONTROL SAMPLE RESULTS**

| SPIKED COMPOUND                   | METHOD   | %REC | RPD | QUAL | LIMITS |     | ANALYSIS DATE | ANALYSIS BY |
|-----------------------------------|----------|------|-----|------|--------|-----|---------------|-------------|
|                                   |          |      |     |      | MIN    | MAX |               |             |
| N-Butylbenzene - BSD              | EPA-8260 | 88.3 | 2   |      | 50     | 150 | 12/29/2023    | DLC         |
| 1,2-Dichlorobenzene - BS          | EPA-8260 | 89.9 |     |      | 50     | 150 | 12/29/2023    | DLC         |
| 1,2-Dichlorobenzene - BSD         | EPA-8260 | 89.5 | 0   |      | 50     | 150 | 12/29/2023    | DLC         |
| 1,2-Dibromo 3-Chloropropane - BS  | EPA-8260 | 106  |     |      | 50     | 150 | 12/29/2023    | DLC         |
| 1,2-Dibromo 3-Chloropropane - BSD | EPA-8260 | 114  | 8   |      | 50     | 150 | 12/29/2023    | DLC         |
| 1,2,4-Trichlorobenzene - BS       | EPA-8260 | 88.5 |     |      | 50     | 150 | 12/29/2023    | DLC         |
| 1,2,4-Trichlorobenzene - BSD      | EPA-8260 | 90.6 | 2   |      | 50     | 150 | 12/29/2023    | DLC         |
| Hexachlorobutadiene - BS          | EPA-8260 | 85.8 |     |      | 50     | 150 | 12/29/2023    | DLC         |
| Hexachlorobutadiene - BSD         | EPA-8260 | 86.4 | 1   |      | 50     | 150 | 12/29/2023    | DLC         |
| Naphthalene - BS                  | EPA-8260 | 82.6 |     |      | 50     | 150 | 12/29/2023    | DLC         |
| Naphthalene - BSD                 | EPA-8260 | 92.1 | 11  |      | 50     | 150 | 12/29/2023    | DLC         |
| 1,2,3-Trichlorobenzene - BS       | EPA-8260 | 71.8 |     |      | 50     | 150 | 12/29/2023    | DLC         |
| 1,2,3-Trichlorobenzene - BSD      | EPA-8260 | 79.3 | 10  |      | 50     | 150 | 12/29/2023    | DLC         |

SQ3 - Spike outside of control limits due to sporadic marginal failure. All other spikes in extraction fraction within control limits. No corrective action taken.

APPROVED BY



Rob Greer  
Laboratory Director



ALS Environmental  
8620 Holly Drive, Suite 100  
Everett, WA 98208  
Phone (425) 356-2600  
Fax (425) 356-2626  
http://www.alsglobal.com

# Chain Of Custody/ Laboratory Analysis Request

ALS Lab# (Laboratory Use Only)

EV24010001

Date 12/27/23 Page 1 Of

| PROJECT ID: MP-46                                 |          |      |      |      | ANALYSIS REQUESTED |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        | OTHER (Specify) |     |                        |     |          |      |       |             |                      |                             |
|---------------------------------------------------|----------|------|------|------|--------------------|----------|----------|------------------|------------------|-----------------------------------|----------------------------------------|-----------------------------------|------------------------------|--------------------------------------------|--------------------------------------------------------|-----------------|------------------------|---------------|--------|-----------------|-----|------------------------|-----|----------|------|-------|-------------|----------------------|-----------------------------|
| REPORT TO COMPANY: Antev                          |          |      |      |      |                    |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |     |          |      |       |             |                      |                             |
| PROJECT MANAGER: Megan Richard                    |          |      |      |      |                    |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |     |          |      |       |             |                      |                             |
| ADDRESS: 18378-B Redmondway<br>Redmond, WA        |          |      |      |      |                    |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |     |          |      |       |             |                      |                             |
| PHONE: 206-254-0399 P.O. #:                       |          |      |      |      |                    |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |     |          |      |       |             |                      |                             |
| E-MAIL: Megan.Richard@AntevGroup.VS               |          |      |      |      |                    |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |     |          |      |       |             |                      |                             |
| INVOICE TO COMPANY: Same as above                 |          |      |      |      |                    |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |     |          |      |       |             |                      |                             |
| ATTENTION: Digital Solutions, Equis@antevgroup.VS |          |      |      |      |                    |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |     |          |      |       |             |                      |                             |
| ADDRESS: Same as above                            |          |      |      |      |                    |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |     |          |      |       |             |                      |                             |
| SAMPLE I.D.                                       | DATE     | TIME | TYPE | LAB# | NWTPH-HCID         | NWTPH-DX | NWTPH-GX | BTEX by EPA 8021 | MTBE by EPA 8021 | Halogenated Volatiles by EPA 8260 | Volatile Organic Compounds by EPA 8260 | EDB / EDC by EPA 8260 SIM (water) | EDB / EDC by EPA 8260 (soil) | Semivolatile Organic Compounds by EPA 8270 | Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM | PCB by EPA 8082 | Pesticides by EPA 8081 | Metals-MTCA-5 | RCRA-8 | Pri Pol         | TAL | Metals Other (Specify) | VOA | Semi-Vol | Pest | Herbs | TCLP-Metals | NUMBER OF CONTAINERS | RECEIVED IN GOOD CONDITION? |
| 1. SW-N-13-R-20231227                             | 12/27/23 | 1040 | Soil | 1    |                    |          |          | X                | X                |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |     |          |      |       |             |                      |                             |
| 2. SW-N-13-24-20231227                            |          | 1055 |      | 2    |                    |          |          | X                | X                |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |     |          |      |       |             |                      |                             |
| 3. SW-E-4-12-20231227                             |          | 1050 |      | 3    |                    |          |          | X                | X                |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |     |          |      |       |             |                      |                             |
| 4. SW-E-4-24-20231227                             |          | 1105 |      | 4    |                    |          |          | X                | X                |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |     |          |      |       |             |                      |                             |
| 5. SW-S-13-12-20231227                            |          | 1110 |      | 5    |                    |          |          | X                | X                |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |     |          |      |       |             |                      |                             |
| 6. B-25-24-20231227                               |          | 1115 |      | 6    |                    |          |          | X                | X                |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |     |          |      |       |             |                      |                             |
| 7. SW-S-13-24-20231227                            |          | 1120 |      | 7    |                    |          |          | X                | X                |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |     |          |      |       |             |                      |                             |
| 8. B-24-24-20231227                               |          | 1130 |      | 8    |                    |          |          | X                | X                |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |     |          |      |       |             |                      |                             |
| 9. SW-N-13-12-20231227                            |          | 1150 |      | 9    |                    |          |          | X                | X                |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |     |          |      |       |             |                      |                             |
| 10. SW-N-13-24-20231227                           |          | 1155 |      | 10   |                    |          |          | X                | X                |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |     |          |      |       |             |                      |                             |

## SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

- Relinquished By: Celia Dechenne, Antev Group, 12/27/23  
Received By: ACJ 12/27/23 3:00pm
- Relinquished By: \_\_\_\_\_  
Received By: \_\_\_\_\_

TURNAROUND REQUESTED in Business Days\*  
Organic, Metals & Inorganic Analysis OTHER:

10 5 3 2 ☒ SAME DAY  
Standard

Fuels & Hydrocarbon Analysis

5 3 ☒ SAME DAY  
Standard

Specify: 24 hr  
ASAP



ALS Job# (Laboratory Use Only)  
EV24010001  
~~E00120805~~

Date 12/21/23 Page 2 O

[illegible]

### SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Calvin Decker, Antew Group, 12/27/23  
Received By: [Signature] Ac, 12/27/23 3:20pm

2. Relinquished By: \_\_\_\_\_  
Received By: \_\_\_\_\_

TURNAROUND REQUESTED in Business Days\*  
Organic, Metals & Inorganic Analysis OTHER:

10  
Standard

5  
Standard

Fuels & Hydrocarbon Analysis

Specify: 24 hr  
ASAP

*\*Turnaround request less than standard may incur Rush Charges*



**ALS Environmental**  
8620 Holly Drive, Suite 100  
Everett, WA 98208  
Phone (425) 356-2600  
Fax (425) 356-2626  
http://www.alsglobal.com

# Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only)

**E024610001**  
~~E03120003~~

Date 12/27/23 Page 3 Of     

| PROJECT ID: <u>MP-46</u>                                    |          |                 |      |               | ANALYSIS REQUESTED |          |          |                 |                  |                                   |                                        |                                   |                              |                                             |                                                        |                 |                        |     |         | OTHER (Specify) |               |                        |             |     |          |      |       |                      |                             |
|-------------------------------------------------------------|----------|-----------------|------|---------------|--------------------|----------|----------|-----------------|------------------|-----------------------------------|----------------------------------------|-----------------------------------|------------------------------|---------------------------------------------|--------------------------------------------------------|-----------------|------------------------|-----|---------|-----------------|---------------|------------------------|-------------|-----|----------|------|-------|----------------------|-----------------------------|
| REPORT TO COMPANY: <u>Anteo Group</u>                       |          |                 |      |               | NWTPH-HCID         | NWTPH-DX | NWTPH-GX | BTX by EPA 8021 | MTBE by EPA 8021 | Halogenated Volatiles by EPA 8260 | Volatile Organic Compounds by EPA 8260 | EDB / EDC by EPA 8260 SIM (water) | EDB / EDC by EPA 8260 (soil) | Semi-volatile Organic Compounds by EPA 8270 | Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM | PCB by EPA 8082 | Pesticides by EPA 8081 | TAL | Pri Pol | RCRA-8          | Metals-MTCA-5 | Metals Other (Specify) | TCLP-Metals | VOA | Semi-Vol | Pest | Herbs | NUMBER OF CONTAINERS | RECEIVED IN GOOD CONDITION? |
| PROJECT MANAGER: <u>Megan Richard</u>                       |          |                 |      |               |                    |          |          |                 |                  |                                   |                                        |                                   |                              |                                             |                                                        |                 |                        |     |         |                 |               |                        |             |     |          |      |       |                      |                             |
| ADDRESS: <u>18378-B Redmont Way</u><br><u>Redmont WA</u>    |          |                 |      |               |                    |          |          |                 |                  |                                   |                                        |                                   |                              |                                             |                                                        |                 |                        |     |         |                 |               |                        |             |     |          |      |       |                      |                             |
| PHONE: <u>206-854-0399</u> P.O. #:                          |          |                 |      |               |                    |          |          |                 |                  |                                   |                                        |                                   |                              |                                             |                                                        |                 |                        |     |         |                 |               |                        |             |     |          |      |       |                      |                             |
| E-MAIL: <u>Megan.Richard@Anteogroup.us</u>                  |          |                 |      |               |                    |          |          |                 |                  |                                   |                                        |                                   |                              |                                             |                                                        |                 |                        |     |         |                 |               |                        |             |     |          |      |       |                      |                             |
| INVOICE TO COMPANY: <u>Same as above</u>                    |          |                 |      |               |                    |          |          |                 |                  |                                   |                                        |                                   |                              |                                             |                                                        |                 |                        |     |         |                 |               |                        |             |     |          |      |       |                      |                             |
| ATTENTION: <u>Digital Solutions, Equis @ Anteo group.us</u> |          |                 |      |               |                    |          |          |                 |                  |                                   |                                        |                                   |                              |                                             |                                                        |                 |                        |     |         |                 |               |                        |             |     |          |      |       |                      |                             |
| ADDRESS: <u>Same as above</u>                               |          |                 |      |               |                    |          |          |                 |                  |                                   |                                        |                                   |                              |                                             |                                                        |                 |                        |     |         |                 |               |                        |             |     |          |      |       |                      |                             |
| SAMPLE I.D.                                                 | DATE     | TIME            | TYPE | LAB#          |                    |          |          |                 |                  |                                   |                                        |                                   |                              |                                             |                                                        |                 |                        |     |         |                 |               |                        |             |     |          |      |       |                      |                             |
| 1. SW-S-10-24-2023/1227                                     | 12/27/23 | 1240            | Soil | 21            | 5                  |          |          |                 |                  |                                   |                                        |                                   |                              |                                             |                                                        |                 |                        |     |         |                 |               |                        |             |     |          |      |       |                      |                             |
| <del>2. SW-S-10-12-2023/1227</del>                          |          | <del>1245</del> |      | <del>22</del> |                    |          |          |                 |                  |                                   |                                        |                                   |                              |                                             |                                                        |                 |                        |     |         |                 |               |                        |             |     |          |      |       |                      |                             |
| 3. SW-N-10-12-2023/1227                                     |          | 1350            |      | 23            |                    |          |          |                 |                  |                                   |                                        |                                   |                              |                                             |                                                        |                 |                        |     |         |                 |               |                        |             |     |          |      |       |                      |                             |
| 4. SW-N-10-12-2023/1227                                     |          | 1255            |      | 24            |                    |          |          |                 |                  |                                   |                                        |                                   |                              |                                             |                                                        |                 |                        |     |         |                 |               |                        |             |     |          |      |       |                      |                             |
| 5. B-18-24-2023/1227                                        |          | 1300            |      | 25            |                    |          |          |                 |                  |                                   |                                        |                                   |                              |                                             |                                                        |                 |                        |     |         |                 |               |                        |             |     |          |      |       |                      |                             |
| 6. B-19-24-2023/1227                                        |          | 1305            |      | 26            | 6                  |          |          |                 |                  |                                   |                                        |                                   |                              |                                             |                                                        |                 |                        |     |         |                 |               |                        |             |     |          |      |       |                      |                             |
| <del>7. SW-S-7-24-2023/1227</del>                           |          | <del>1325</del> |      | <del>27</del> |                    |          |          |                 |                  |                                   |                                        |                                   |                              |                                             |                                                        |                 |                        |     |         |                 |               |                        |             |     |          |      |       |                      |                             |
| 8. SW-S-7-24-2023/1227                                      |          | 1330            |      | 28            |                    |          |          |                 |                  |                                   |                                        |                                   |                              |                                             |                                                        |                 |                        |     |         |                 |               |                        |             |     |          |      |       |                      |                             |
| 9. SW-N-7-24-2023/1227                                      |          | 1320            |      | 29            |                    |          |          |                 |                  |                                   |                                        |                                   |                              |                                             |                                                        |                 |                        |     |         |                 |               |                        |             |     |          |      |       |                      |                             |
| <del>10. SW-N-7-24-2023/1227</del>                          |          | <del>1335</del> |      | <del>30</del> |                    |          |          |                 |                  |                                   |                                        |                                   |                              |                                             |                                                        |                 |                        |     |         |                 |               |                        |             |     |          |      |       |                      |                             |

## SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Celia Decheney, Anteo Group, 12/27/23

Received By: [Signature] AS 12/27/23 3:00pm

2. Relinquished By:     

Received By:     

TURNAROUND REQUESTED in Business Days\*  
Organic, Metals & Inorganic Analysis OTHER:

|                              |   |                                     |                                     |                                     |          |
|------------------------------|---|-------------------------------------|-------------------------------------|-------------------------------------|----------|
| 10                           | 5 | 3                                   | 2                                   | <input checked="" type="checkbox"/> | SAME DAY |
| Fuels & Hydrocarbon Analysis |   |                                     |                                     |                                     |          |
| 5                            | 3 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | SAME DAY                            |          |
| Standard                     |   |                                     |                                     |                                     |          |

Specify: 24 hr  
ASAP

\*Turnaround request less than standard may incur Rush Charges



## ALS Job# (Laboratory Use Only)

~~FD-231 (Rev. 10-6-65)~~

|                     |                                          |
|---------------------|------------------------------------------|
| PROJECT ID:         | MP-46                                    |
| REPORT TO COMPANY:  | Antex Group                              |
| PROJECT MANAGER:    | Megan Richard                            |
| ADDRESS:            | 18378 -B Redmond Way<br>Redmond WA       |
| PHONE:              | 206-854-0300                             |
|                     | P.O. #:                                  |
| E-MAIL:             | Megan.Richard@AntexGroup,VS              |
| INVOICE TO COMPANY: | Same as above                            |
| ATTENTION:          | Digital Solutions, Equip @ Antexgroup,VS |
| ADDRESS:            | Same as above                            |

## OTHER (Specify)

### SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

TURNAROUND REQUESTED in Business Days\*  
Organic, Metals & Inorganic Analysis OTHER:

Standard

10 5 3 2 1 SAME DAY

Fuels & Hydrocarbon Analysis

Standard

5 3 1 SAME DAY

Specify: 24 hr  
ASAP

# ALS ENVIRONMENTAL

## Sample Receiving Checklist

**EV24010201**

Client: Antea

ALS Job#: EV23120203

Project: MP-46

Login Date: 12-27-23

Login Time: 3:16

Login By: MH

Type of Shipping Container: Cooler ☒ Box ☐ Other ☐

Shipped via: FedEx Ground ☐ UPS ☐ Courier ☐ Hand Delivered ☒ ALS Courier ☐  
FedEx Express ☐

Yes No N/A

Were custody seals on outside of shipping container?

If yes, how many?            Where?           

Custody seal date:            Seal name:           

                      X

Was Chain of Custody properly filled out (ink, signed, dated, etc.)?

X                      

Did all bottles have labels?

X                      

Did all bottle labels and tags agree with Chain of Custody?

X                      

Were samples received within hold time?

X                      

Did all bottles arrive in good condition (unbroken, etc.)?

X                      

Was sufficient amount of sample sent for the tests indicated?

X                      

Was correct preservation added to samples?

X                      

Subcontract test containers added to Subcontract Bin?

                      X

Wetchem test containers marked with required Tests?

                      X

Short hold time test containers delivered to analysts?

                      X

Were VOA vials checked for absence of air bubbles?

                      X

Bubbles present in sample #:           

5035A kits received?

# Low Kits: 32

# High Kits:           

X                      

5035A kits returned?

# Low Kits:           

# High Kits:           

Temperature of cooler upon receipt: 4.3°C On ice? ☒

Explain any discrepancies:           

Was client contacted?            Who was called?            By whom?            Date:           

Outcome of call:

| Work Order ID | Client ID               | Project Name                                   | Due Date   |
|---------------|-------------------------|------------------------------------------------|------------|
| EV23120167    | LAN01-EDMONDS           | WATERFRONT PLACE / 147044                      | 12/28/2023 |
| EV23120159    | GEO02-BELLINGHAM        | Roeder 23-1862                                 | 12/28/2023 |
| EV23120179    | GEO02-BELLINGHAM        | Roeder 23-1862                                 | 12/29/2023 |
| EV23120175    | TER01-MOUNTLAKE TERRACE | Shoreline Residence                            | 12/29/2023 |
| EV23120173    | HFS01-ANACORTES         | Solid Waste Program                            | 12/29/2023 |
| EV23120116    | QUI01-TULALIP           | EFF WQ                                         | 12/29/2023 |
| EV23120045    | PBS02-KENNEWICK         | Pasco Landfill / 64180.023.0002.001            | 12/29/2023 |
| EV23120196    | POR05-PORTTOWNSEND      | Oily Rag Profile                               | 1/2/2024   |
| EV23120188    | POR02-EVERETT           | Marine Terminals                               | 1/2/2024   |
| EV23120187    | POR02-EVERETT           | Norton Terminal                                | 1/2/2024   |
| EV23120140    | TEC05-KENMORE           | SeaPort Midstream Partners, Seattle TMMS-10289 | 1/2/2024   |
| EV23120139    | TER01-MOUNTLAKE TERRACE | Maple Valley 76                                | 1/2/2024   |
| EV23120137    | SUR01-CAMDEN            | John Day Lock and Dam NPDES WA0026832          | 1/2/2024   |
| EV23120135    | GEO02-BELLINGHAM        | Daedalus 22-0066                               | 1/2/2024   |
| EV23120109    | SUR01-CAMDEN            | McNary Lock & Dam                              | 1/2/2024   |
| EV23120107    | SUR01-CAMDEN            | NPDES WA0026778                                | 1/2/2024   |
| EV23120101    | SUR01-CAMDEN            | The Dalles Lock and Dam / 59002353             | 1/2/2024   |

B-24-24

-08

B-22-24

-13

B-20-24

-19

B-21-24

-20

B-19-24

-26

SW-S-10-24

-21

B-12-24

-31



December 29, 2023

Ms. Megan Richard  
Antea Group  
18378-B Redmond Way  
Redmond, WA 98052-5012

Dear Ms. Richard,

On December 27th, 32 samples were received by our laboratory and assigned our laboratory project number EV23120203. The project was identified as your MP-46. The sample identification and requested analyses are outlined on the attached chain of custody record.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Rob Greer  
Laboratory Director



CLIENT: Antea Group  
18378-B Redmond Way  
Redmond, WA 98052-5012

CLIENT CONTACT: Megan Richard  
CLIENT PROJECT: MP-46

DATE: 12/29/2023  
ALS JOB#: EV23120203  
WDOE ACCREDITATION: C601

#### CASE NARRATIVE

Please note that multiple analytes are reported with E and E2 qualifiers. E qualifiers denote analytes with results that exceed the instrument calibration range. E2 qualifiers denote analytes with results that saturated the detector with results the exceed the instrument calibration range and the concentration of these analytes in the target samples are likely much higher than the reported values.

**CERTIFICATE OF ANALYSIS**

|                  |                                                              |                     |                        |
|------------------|--------------------------------------------------------------|---------------------|------------------------|
| CLIENT:          | Antea Group<br>18378-B Redmond Way<br>Redmond, WA 98052-5012 | DATE:               | 12/29/2023             |
|                  |                                                              | ALS JOB#:           | EV23120203             |
|                  |                                                              | ALS SAMPLE#:        | EV23120203-01          |
| CLIENT CONTACT:  | Megan Richard                                                | DATE RECEIVED:      | 12/27/2023             |
| CLIENT PROJECT:  | MP-46                                                        | COLLECTION DATE:    | 12/27/2023 10:40:00 AM |
| CLIENT SAMPLE ID | SW-N-13_12_20231227                                          | WDOE ACCREDITATION: | C601                   |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING<br>LIMITS | DILUTION<br>FACTOR | UNITS | ANALYSIS<br>DATE | ANALYSIS<br>BY |
|--------------------|----------|---------|---------------------|--------------------|-------|------------------|----------------|
| TPH-Volatile Range | NWTPH-GX | 3.9     | 3.0                 | 1                  | MG/KG | 12/28/2023       | MNC            |
| Benzene            | EPA-8260 | U       | 5.0                 | 1                  | UG/KG | 12/28/2023       | DLC            |
| Toluene            | EPA-8260 | U       | 10                  | 1                  | UG/KG | 12/28/2023       | DLC            |
| Ethylbenzene       | EPA-8260 | U       | 10                  | 1                  | UG/KG | 12/28/2023       | DLC            |
| m,p-Xylene         | EPA-8260 | U       | 20                  | 1                  | UG/KG | 12/28/2023       | DLC            |
| o-Xylene           | EPA-8260 | U       | 10                  | 1                  | UG/KG | 12/28/2023       | DLC            |

| SURROGATE  | METHOD   | %REC | ANALYSIS<br>DATE | ANALYSIS<br>BY |
|------------|----------|------|------------------|----------------|
| TFT        | NWTPH-GX | 97.9 | 12/28/2023       | MNC            |
| Toluene-d8 | EPA-8260 | 93.6 | 12/28/2023       | DLC            |

U - Analyte analyzed for but not detected at level above reporting limit.  
Chromatogram indicates that it is likely that sample contains highly weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                                                              |                     |                        |
|------------------|--------------------------------------------------------------|---------------------|------------------------|
| CLIENT:          | Antea Group<br>18378-B Redmond Way<br>Redmond, WA 98052-5012 | DATE:               | 12/29/2023             |
|                  |                                                              | ALS JOB#:           | EV23120203             |
| CLIENT CONTACT:  | Megan Richard                                                | ALS SAMPLE#:        | EV23120203-02          |
| CLIENT PROJECT:  | MP-46                                                        | DATE RECEIVED:      | 12/27/2023             |
| CLIENT SAMPLE ID | SW-N-13_24_20231227                                          | COLLECTION DATE:    | 12/27/2023 10:55:00 AM |
|                  |                                                              | WDOE ACCREDITATION: | C601                   |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 12/28/2023    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/28/2023    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 12/28/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/28/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/28/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/28/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 89.1 | 12/28/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 92.3 | 12/28/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                        |
|------------------|------------------------|---------------------|------------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/29/2023             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120203             |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120203-03          |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/27/2023             |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/27/2023 10:50:00 AM |
| CLIENT SAMPLE ID | SW-E-4_12_20231227     | WDOE ACCREDITATION: | C601                   |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS  | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|----------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 5700     | 300              | 100             | MG/KG | 12/29/2023    | MNC         |
| Benzene            | EPA-8260 | 5400     | 700              | 25              | UG/KG | 12/29/2023    | DLC         |
| Toluene            | EPA-8260 | 370000 E | 410              | 25              | UG/KG | 12/29/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | 83000    | 580              | 25              | UG/KG | 12/29/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | 290000 E | 1200             | 25              | UG/KG | 12/29/2023    | DLC         |
| o-Xylene           | EPA-8260 | 110000   | 720              | 25              | UG/KG | 12/29/2023    | DLC         |

| SURROGATE               | METHOD   | %REC     | ANALYSIS DATE | ANALYSIS BY |
|-------------------------|----------|----------|---------------|-------------|
| TFT 100X Dilution       | NWTPH-GX | U, SUR07 | 12/29/2023    | MNC         |
| Toluene-d8 25X Dilution | EPA-8260 | 96.6     | 12/29/2023    | DLC         |

E - Reported result is an estimate because it exceeds the calibration range.

SUR07 -The surrogate recovery could not be determined due to dilution below the calibration range.

Chromatogram indicates that it is likely that sample contains lightly weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                        |
|------------------|------------------------|---------------------|------------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/29/2023             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120203             |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120203-04          |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/27/2023             |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/27/2023 11:05:00 AM |
| CLIENT SAMPLE ID | SW-E-4_24_20231227     | WDOE ACCREDITATION: | C601                   |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 1800    | 300              | 100             | MG/KG | 12/29/2023    | MNC         |
| Benzene            | EPA-8260 | 1800    | 740              | 25              | UG/KG | 12/29/2023    | DLC         |
| Toluene            | EPA-8260 | 110000  | 440              | 25              | UG/KG | 12/29/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | 29000   | 620              | 25              | UG/KG | 12/29/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | 110000  | 1200             | 25              | UG/KG | 12/29/2023    | DLC         |
| o-Xylene           | EPA-8260 | 40000   | 770              | 25              | UG/KG | 12/29/2023    | DLC         |

| SURROGATE               | METHOD   | %REC     | ANALYSIS DATE | ANALYSIS BY |
|-------------------------|----------|----------|---------------|-------------|
| TFT 100X Dilution       | NWTPH-GX | U, SUR07 | 12/29/2023    | MNC         |
| Toluene-d8 25X Dilution | EPA-8260 | 96.2     | 12/29/2023    | DLC         |

SUR07 -The surrogate recovery could not be determined due to dilution below the calibration range.  
Chromatogram indicates that it is likely that sample contains weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                        |
|------------------|------------------------|---------------------|------------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/29/2023             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120203             |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120203-05          |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/27/2023             |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/27/2023 11:10:00 AM |
| CLIENT SAMPLE ID | SW-S-13_12_20231227    | WDOE ACCREDITATION: | C601                   |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 10      | 3.0              | 1               | MG/KG | 12/28/2023    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/28/2023    | DLC         |
| Toluene            | EPA-8260 | 18      | 10               | 1               | UG/KG | 12/28/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/28/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | 28      | 20               | 1               | UG/KG | 12/28/2023    | DLC         |
| o-Xylene           | EPA-8260 | 15      | 10               | 1               | UG/KG | 12/28/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 99.2 | 12/28/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 94.4 | 12/28/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.  
Chromatogram indicates that it is likely that sample contains highly weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                        |
|------------------|------------------------|---------------------|------------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/29/2023             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120203             |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120203-06          |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/27/2023             |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/27/2023 11:15:00 AM |
| CLIENT SAMPLE ID | B-25_24_20231227       | WDOE ACCREDITATION: | C601                   |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 13      | 3.0              | 1               | MG/KG | 12/28/2023    | MNC         |
| Benzene            | EPA-8260 | 8.0     | 5.0              | 1               | UG/KG | 12/28/2023    | DLC         |
| Toluene            | EPA-8260 | 47      | 10               | 1               | UG/KG | 12/28/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/28/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/28/2023    | DLC         |
| o-Xylene           | EPA-8260 | 18      | 10               | 1               | UG/KG | 12/28/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 108  | 12/28/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 93.4 | 12/28/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.  
Chromatogram indicates that it is likely that sample contains weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                        |
|------------------|------------------------|---------------------|------------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/29/2023             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120203             |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120203-07          |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/27/2023             |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/27/2023 11:20:00 AM |
| CLIENT SAMPLE ID | SW-S-13_24_20231227    | WDOE ACCREDITATION: | C601                   |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 12/28/2023    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/28/2023    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 12/28/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/28/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/28/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/28/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 87.8 | 12/28/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 94.5 | 12/28/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                        |
|------------------|------------------------|---------------------|------------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/29/2023             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120203             |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120203-08          |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/27/2023             |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/27/2023 11:30:00 AM |
| CLIENT SAMPLE ID | B-24_24_20231227       | WDOE ACCREDITATION: | C601                   |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 2100    | 300              | 100             | MG/KG | 12/29/2023    | MNC         |
| Benzene            | EPA-8260 | 2100    | 1200             | 50              | UG/KG | 12/29/2023    | DLC         |
| Toluene            | EPA-8260 | 85000   | 710              | 50              | UG/KG | 12/29/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | 25000   | 1000             | 50              | UG/KG | 12/29/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | 95000   | 2000             | 50              | UG/KG | 12/29/2023    | DLC         |
| o-Xylene           | EPA-8260 | 37000   | 1200             | 50              | UG/KG | 12/29/2023    | DLC         |

| SURROGATE               | METHOD   | %REC     | ANALYSIS DATE | ANALYSIS BY |
|-------------------------|----------|----------|---------------|-------------|
| TFT 100X Dilution       | NWTPH-GX | U, SUR07 | 12/29/2023    | MNC         |
| Toluene-d8 50X Dilution | EPA-8260 | 93.6     | 12/29/2023    | DLC         |

SUR07 -The surrogate recovery could not be determined due to dilution below the calibration range.  
Chromatogram indicates that it is likely that sample contains weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                        |
|------------------|------------------------|---------------------|------------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/29/2023             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120203             |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120203-09          |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/27/2023             |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/27/2023 11:50:00 AM |
| CLIENT SAMPLE ID | SW-N-12_12_20231227    | WDOE ACCREDITATION: | C601                   |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 5.3     | 3.0              | 1               | MG/KG | 12/28/2023    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/29/2023    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 12/29/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/29/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/29/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/29/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 88.4 | 12/28/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 92.7 | 12/29/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.  
Chromatogram indicates that it is likely that sample contains highly weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                        |
|------------------|------------------------|---------------------|------------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/29/2023             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120203             |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120203-10          |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/27/2023             |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/27/2023 11:55:00 AM |
| CLIENT SAMPLE ID | SW-N-12_24_20231227    | WDOE ACCREDITATION: | C601                   |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 12/28/2023    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/28/2023    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 12/28/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/28/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/28/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/28/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 89.1 | 12/28/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 94.2 | 12/28/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                        |
|------------------|------------------------|---------------------|------------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/29/2023             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120203             |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120203-11          |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/27/2023             |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/27/2023 12:05:00 PM |
| CLIENT SAMPLE ID | SW-S-12_12_20231227    | WDOE ACCREDITATION: | C601                   |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 12/28/2023    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/28/2023    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 12/28/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/28/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/28/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/28/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 97.2 | 12/28/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 94.0 | 12/28/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                        |
|------------------|------------------------|---------------------|------------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/29/2023             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120203             |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120203-12          |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/27/2023             |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/27/2023 11:40:00 AM |
| CLIENT SAMPLE ID | SW-S-12_24_20231227    | WDOE ACCREDITATION: | C601                   |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 12/28/2023    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/28/2023    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 12/28/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/28/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/28/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/28/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 89.6 | 12/28/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 93.8 | 12/28/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                        |
|------------------|------------------------|---------------------|------------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/29/2023             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120203             |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120203-13          |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/27/2023             |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/27/2023 11:45:00 AM |
| CLIENT SAMPLE ID | B-22_24_20231227       | WDOE ACCREDITATION: | C601                   |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS  | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|----------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 3600     | 300              | 100             | MG/KG | 12/29/2023    | MNC         |
| Benzene            | EPA-8260 | 6800     | 1200             | 50              | UG/KG | 12/29/2023    | DLC         |
| Toluene            | EPA-8260 | 230000 E | 700              | 50              | UG/KG | 12/29/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | 51000    | 990              | 50              | UG/KG | 12/29/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | 190000   | 2000             | 50              | UG/KG | 12/29/2023    | DLC         |
| o-Xylene           | EPA-8260 | 72000    | 1200             | 50              | UG/KG | 12/29/2023    | DLC         |

| SURROGATE               | METHOD   | %REC     | ANALYSIS DATE | ANALYSIS BY |
|-------------------------|----------|----------|---------------|-------------|
| TFT 100X Dilution       | NWTPH-GX | U, SUR07 | 12/29/2023    | MNC         |
| Toluene-d8 50X Dilution | EPA-8260 | 92.8     | 12/29/2023    | DLC         |

SUR07 -The surrogate recovery could not be determined due to dilution below the calibration range.

E - Reported result is an estimate because it exceeds the calibration range.

Chromatogram indicates that it is likely that sample contains lightly weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                        |
|------------------|------------------------|---------------------|------------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/29/2023             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120203             |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120203-14          |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/27/2023             |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/27/2023 12:00:00 PM |
| CLIENT SAMPLE ID | B-23_24_20231227       | WDOE ACCREDITATION: | C601                   |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 50      | 3.0              | 1               | MG/KG | 12/28/2023    | MNC         |
| Benzene            | EPA-8260 | 370     | 30               | 1               | UG/KG | 12/29/2023    | DLC         |
| Toluene            | EPA-8260 | 11000   | 180              | 10              | UG/KG | 12/29/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | 570     | 25               | 1               | UG/KG | 12/29/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | 3600    | 49               | 1               | UG/KG | 12/29/2023    | DLC         |
| o-Xylene           | EPA-8260 | 1800    | 31               | 1               | UG/KG | 12/29/2023    | DLC         |

| SURROGATE               | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|-------------------------|----------|------|---------------|-------------|
| TFT                     | NWTPH-GX | 105  | 12/28/2023    | MNC         |
| Toluene-d8              | EPA-8260 | 93.1 | 12/29/2023    | DLC         |
| Toluene-d8 10X Dilution | EPA-8260 | 94.8 | 12/29/2023    | DLC         |

Chromatogram indicates that it is likely that sample contains weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                                                              |                     |                        |
|------------------|--------------------------------------------------------------|---------------------|------------------------|
| CLIENT:          | Antea Group<br>18378-B Redmond Way<br>Redmond, WA 98052-5012 | DATE:               | 12/29/2023             |
|                  |                                                              | ALS JOB#:           | EV23120203             |
| CLIENT CONTACT:  | Megan Richard                                                | ALS SAMPLE#:        | EV23120203-15          |
| CLIENT PROJECT:  | MP-46                                                        | DATE RECEIVED:      | 12/27/2023             |
| CLIENT SAMPLE ID | SW-N-11_12_20231227                                          | COLLECTION DATE:    | 12/27/2023 12:20:00 PM |
|                  |                                                              | WDOE ACCREDITATION: | C601                   |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 12/28/2023    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/28/2023    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 12/28/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/28/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/28/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/28/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 97.4 | 12/28/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 94.2 | 12/28/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                        |
|------------------|------------------------|---------------------|------------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/29/2023             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120203             |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120203-16          |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/27/2023             |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/27/2023 12:25:00 PM |
| CLIENT SAMPLE ID | SW-N-11_24_20231227    | WDOE ACCREDITATION: | C601                   |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 12/28/2023    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/28/2023    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 12/28/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/28/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/28/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/28/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 95.4 | 12/28/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 93.5 | 12/28/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                        |
|------------------|------------------------|---------------------|------------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/29/2023             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120203             |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120203-17          |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/27/2023             |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/27/2023 12:30:00 PM |
| CLIENT SAMPLE ID | SW-S-11_12_20231227    | WDOE ACCREDITATION: | C601                   |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 12/28/2023    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/28/2023    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 12/28/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/28/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/28/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/28/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 94.9 | 12/28/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 94.0 | 12/28/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                        |
|------------------|------------------------|---------------------|------------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/29/2023             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120203             |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120203-18          |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/27/2023             |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/27/2023 12:35:00 PM |
| CLIENT SAMPLE ID | SW-S-11_24_20231227    | WDOE ACCREDITATION: | C601                   |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 12/28/2023    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/28/2023    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 12/28/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/28/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/28/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/28/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 95.3 | 12/28/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 94.4 | 12/28/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                        |
|------------------|------------------------|---------------------|------------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/29/2023             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120203             |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120203-19          |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/27/2023             |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/27/2023 12:10:00 PM |
| CLIENT SAMPLE ID | B-20_24_20231227       | WDOE ACCREDITATION: | C601                   |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS  | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|----------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 9000     | 300              | 100             | MG/KG | 12/29/2023    | MNC         |
| Benzene            | EPA-8260 | 10000    | 2600             | 100             | UG/KG | 12/29/2023    | DLC         |
| Toluene            | EPA-8260 | 680000 E | 1600             | 100             | UG/KG | 12/29/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | 140000   | 2200             | 100             | UG/KG | 12/29/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | 500000   | 4300             | 100             | UG/KG | 12/29/2023    | DLC         |
| o-Xylene           | EPA-8260 | 200000   | 2700             | 100             | UG/KG | 12/29/2023    | DLC         |

| SURROGATE                | METHOD   | %REC     | ANALYSIS DATE | ANALYSIS BY |
|--------------------------|----------|----------|---------------|-------------|
| TFT 100X Dilution        | NWTPH-GX | U, SUR07 | 12/29/2023    | MNC         |
| Toluene-d8 100X Dilution | EPA-8260 | 92.2     | 12/29/2023    | DLC         |

SUR07 -The surrogate recovery could not be determined due to dilution below the calibration range.

E - Reported result is an estimate because it exceeds the calibration range.

Chromatogram indicates that it is likely that sample contains lightly weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                        |
|------------------|------------------------|---------------------|------------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/29/2023             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120203             |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120203-20          |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/27/2023             |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/27/2023 12:15:00 PM |
| CLIENT SAMPLE ID | B-21_24_20231227       | WDOE ACCREDITATION: | C601                   |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 6100    | 300              | 100             | MG/KG | 12/29/2023    | MNC         |
| Benzene            | EPA-8260 | 11000   | 2200             | 100             | UG/KG | 12/29/2023    | DLC         |
| Toluene            | EPA-8260 | 350000  | 1300             | 100             | UG/KG | 12/29/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | 89000   | 1800             | 100             | UG/KG | 12/29/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | 330000  | 3600             | 100             | UG/KG | 12/29/2023    | DLC         |
| o-Xylene           | EPA-8260 | 130000  | 2300             | 100             | UG/KG | 12/29/2023    | DLC         |

| SURROGATE                | METHOD   | %REC     | ANALYSIS DATE | ANALYSIS BY |
|--------------------------|----------|----------|---------------|-------------|
| TFT 100X Dilution        | NWTPH-GX | U, SUR07 | 12/29/2023    | MNC         |
| Toluene-d8 100X Dilution | EPA-8260 | 92.6     | 12/29/2023    | DLC         |

SUR07 -The surrogate recovery could not be determined due to dilution below the calibration range.  
Chromatogram indicates that it is likely that sample contains weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                        |
|------------------|------------------------|---------------------|------------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/29/2023             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120203             |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120203-21          |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/27/2023             |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/27/2023 12:40:00 PM |
| CLIENT SAMPLE ID | SW-S-10_24_20231227    | WDOE ACCREDITATION: | C601                   |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 460     | 60               | 20              | MG/KG | 12/29/2023    | MNC         |
| Benzene            | EPA-8260 | 300 E2  | 5.0              | 1               | UG/KG | 12/28/2023    | DLC         |
| Toluene            | EPA-8260 | 980 E2  | 10               | 1               | UG/KG | 12/28/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | 680 E2  | 10               | 1               | UG/KG | 12/28/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | 1600 E2 | 20               | 1               | UG/KG | 12/28/2023    | DLC         |
| o-Xylene           | EPA-8260 | 930 E2  | 10               | 1               | UG/KG | 12/28/2023    | DLC         |

| SURROGATE        | METHOD   | %REC      | ANALYSIS DATE | ANALYSIS BY |
|------------------|----------|-----------|---------------|-------------|
| TFT 20X Dilution | NWTPH-GX | 121 SUR07 | 12/29/2023    | MNC         |
| Toluene-d8       | EPA-8260 | 154 SQ2   | 12/28/2023    | DLC         |

E2 - Reported result is an estimate because it exceeds the calibration range. The actual value for this analyte is probably much higher than reported. Resampling and reanalysis is recommended.

SQ2 - Spike outside of control limits due to matrix effect.

SUR07 -The surrogate recovery could not be determined due to dilution below the calibration range. Chromatogram indicates that it is likely that sample contains highly weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                        |
|------------------|------------------------|---------------------|------------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/29/2023             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120203             |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120203-22          |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/27/2023             |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/27/2023 12:45:00 PM |
| CLIENT SAMPLE ID | SW-S-10_12_20231227    | WDOE ACCREDITATION: | C601                   |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 23      | 3.0              | 1               | MG/KG | 12/29/2023    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/29/2023    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 12/29/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/29/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/29/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/29/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 81.7 | 12/29/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 92.8 | 12/29/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.  
Chromatogram indicates that it is likely that sample contains highly weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                        |
|------------------|------------------------|---------------------|------------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/29/2023             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120203             |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120203-23          |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/27/2023             |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/27/2023 12:50:00 PM |
| CLIENT SAMPLE ID | SW-N-10_12_20231227    | WDOE ACCREDITATION: | C601                   |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 12/29/2023    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/28/2023    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 12/28/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/28/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/28/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/28/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 84.8 | 12/29/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 96.2 | 12/28/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                        |
|------------------|------------------------|---------------------|------------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/29/2023             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120203             |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120203-24          |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/27/2023             |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/27/2023 12:55:00 PM |
| CLIENT SAMPLE ID | SW-N-10_24_20231227    | WDOE ACCREDITATION: | C601                   |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 12/29/2023    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/28/2023    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 12/28/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/28/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/28/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/28/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 101  | 12/29/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 93.4 | 12/28/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/29/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120203            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120203-25         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/27/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/27/2023 1:00:00 PM |
| CLIENT SAMPLE ID | B-18_24_20231227       | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 20      | 3.0              | 1               | MG/KG | 12/29/2023    | MNC         |
| Benzene            | EPA-8260 | 55      | 5.0              | 1               | UG/KG | 12/28/2023    | DLC         |
| Toluene            | EPA-8260 | 340     | 10               | 1               | UG/KG | 12/28/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | 35      | 10               | 1               | UG/KG | 12/28/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | 100     | 20               | 1               | UG/KG | 12/28/2023    | DLC         |
| o-Xylene           | EPA-8260 | 55      | 10               | 1               | UG/KG | 12/28/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 105  | 12/29/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 91.2 | 12/28/2023    | DLC         |

Chromatogram indicates that it is likely that sample contains weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/29/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120203            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120203-26         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/27/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/27/2023 1:05:00 PM |
| CLIENT SAMPLE ID | B-19_24_20231227       | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 3200    | 300              | 100             | MG/KG | 12/29/2023    | MNC         |
| Benzene            | EPA-8260 | 1000 E2 | 5.0              | 1               | UG/KG | 12/28/2023    | DLC         |
| Toluene            | EPA-8260 | 3600 E2 | 10               | 1               | UG/KG | 12/28/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | 680 E2  | 10               | 1               | UG/KG | 12/28/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | 1400 E2 | 20               | 1               | UG/KG | 12/28/2023    | DLC         |
| o-Xylene           | EPA-8260 | 870 E2  | 10               | 1               | UG/KG | 12/28/2023    | DLC         |

| SURROGATE         | METHOD   | %REC     | ANALYSIS DATE | ANALYSIS BY |
|-------------------|----------|----------|---------------|-------------|
| TFT 100X Dilution | NWTPH-GX | U, SUR07 | 12/29/2023    | MNC         |
| Toluene-d8        | EPA-8260 | 266 SQ2  | 12/28/2023    | DLC         |

E2 - Reported result is an estimate because it exceeds the calibration range. The actual value for this analyte is probably much higher than reported. Resampling and reanalysis is recommended.

SQ2 - Spike outside of control limits due to matrix effect.

SUR07 -The surrogate recovery could not be determined due to dilution below the calibration range. Chromatogram indicates that it is likely that sample contains highly weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/29/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120203            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120203-27         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/27/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/27/2023 1:25:00 PM |
| CLIENT SAMPLE ID | SW-S-7_12_20231227     | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 6.4     | 3.0              | 1               | MG/KG | 12/29/2023    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/29/2023    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 12/29/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/29/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/29/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/29/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 93.5 | 12/29/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 93.4 | 12/29/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.  
Chromatogram indicates that it is likely that sample contains highly weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/29/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120203            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120203-28         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/27/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/27/2023 1:30:00 PM |
| CLIENT SAMPLE ID | SW-S-7_24_20231227     | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 12/29/2023    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/28/2023    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 12/28/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/28/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/28/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/28/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 85.5 | 12/29/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 92.6 | 12/28/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/29/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120203            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120203-29         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/27/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/27/2023 1:20:00 PM |
| CLIENT SAMPLE ID | SW-N-7_12_20231227     | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 10      | 3.0              | 1               | MG/KG | 12/29/2023    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/28/2023    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 12/28/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/28/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | 37      | 20               | 1               | UG/KG | 12/28/2023    | DLC         |
| o-Xylene           | EPA-8260 | 16      | 10               | 1               | UG/KG | 12/28/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 88.2 | 12/29/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 94.3 | 12/28/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.  
Chromatogram indicates that it is likely that sample contains highly weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/29/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120203            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120203-30         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/27/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/27/2023 1:35:00 PM |
| CLIENT SAMPLE ID | SW-N-7_24_20231227     | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 12/29/2023    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/28/2023    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 12/28/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/28/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/28/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/28/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 83.7 | 12/29/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 93.4 | 12/28/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/29/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120203            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120203-31         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/27/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/27/2023 1:15:00 PM |
| CLIENT SAMPLE ID | B-12_24_20231227       | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 9200    | 300              | 100             | MG/KG | 12/28/2023    | MNC         |
| Benzene            | EPA-8260 | 2100 E2 | 5.0              | 1               | UG/KG | 12/28/2023    | DLC         |
| Toluene            | EPA-8260 | 7700 E2 | 10               | 1               | UG/KG | 12/28/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | 970 E2  | 10               | 1               | UG/KG | 12/28/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | 1800 E2 | 20               | 1               | UG/KG | 12/28/2023    | DLC         |
| o-Xylene           | EPA-8260 | 980 E2  | 10               | 1               | UG/KG | 12/28/2023    | DLC         |

| SURROGATE         | METHOD   | %REC      | ANALYSIS DATE | ANALYSIS BY |
|-------------------|----------|-----------|---------------|-------------|
| TFT 100X Dilution | NWTPH-GX | 631 SUR07 | 12/28/2023    | MNC         |
| Toluene-d8        | EPA-8260 | 338 SQ2   | 12/28/2023    | DLC         |

SQ2 - Spike outside of control limits due to matrix effect.

SUR07 -The surrogate recovery could not be determined due to dilution below the calibration range.

E2 - Reported result is an estimate because it exceeds the calibration range. The actual value for this analyte is probably much higher than reported.

Resampling and reanalysis is recommended.

Chromatogram indicates that it is likely that sample contains lightly weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/29/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120203            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120203-32         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/27/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/27/2023 1:10:00 PM |
| CLIENT SAMPLE ID | B-13_24_20231227       | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 13      | 3.0              | 1               | MG/KG | 12/28/2023    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/29/2023    | DLC         |
| Toluene            | EPA-8260 | 100     | 10               | 1               | UG/KG | 12/29/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/29/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/29/2023    | DLC         |
| o-Xylene           | EPA-8260 | 19      | 10               | 1               | UG/KG | 12/29/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 95.4 | 12/28/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 94.1 | 12/29/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.  
Chromatogram indicates that it is likely that sample contains highly weathered gasoline.



## CERTIFICATE OF ANALYSIS

CLIENT: Antea Group  
18378-B Redmond Way  
Redmond, WA 98052-5012  
DATE: 12/29/2023  
ALS SDG#: EV23120203  
WDOE ACCREDITATION: C601

CLIENT CONTACT: Megan Richard  
CLIENT PROJECT: MP-46

## LABORATORY BLANK RESULTS

### MBG-122723S - Batch 205464 - Soil by NWTPH-GX

| ANALYTE            | METHOD   | RESULTS | UNITS | REPORTING LIMITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|-------|------------------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | MG/KG | 3.0              | 12/28/2023    | MNC         |

U - Analyte analyzed for but not detected at level above reporting limit.

### MBG-122723S2 - Batch 205446 - Soil by NWTPH-GX

| ANALYTE            | METHOD   | RESULTS | UNITS | REPORTING LIMITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|-------|------------------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | MG/KG | 3.0              | 12/28/2023    | MNC         |

U - Analyte analyzed for but not detected at level above reporting limit.

### MBG-122723S3 - Batch 205436 - Soil by NWTPH-GX

| ANALYTE            | METHOD   | RESULTS | UNITS | REPORTING LIMITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|-------|------------------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | MG/KG | 3.0              | 12/29/2023    | MNC         |

U - Analyte analyzed for but not detected at level above reporting limit.

### MB-122723S2 - Batch 205478 - Soil by EPA-8260

| ANALYTE      | METHOD   | RESULTS | UNITS | REPORTING LIMITS | ANALYSIS DATE | ANALYSIS BY |
|--------------|----------|---------|-------|------------------|---------------|-------------|
| Benzene      | EPA-8260 | U       | UG/KG | 5.0              | 12/27/2023    | DLC         |
| Toluene      | EPA-8260 | U       | UG/KG | 10               | 12/27/2023    | DLC         |
| Ethylbenzene | EPA-8260 | U       | UG/KG | 10               | 12/27/2023    | DLC         |
| m,p-Xylene   | EPA-8260 | U       | UG/KG | 20               | 12/27/2023    | DLC         |
| o-Xylene     | EPA-8260 | U       | UG/KG | 10               | 12/27/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

### MB-122823S - Batch 205481 - Soil by EPA-8260

| ANALYTE      | METHOD   | RESULTS | UNITS | REPORTING LIMITS | ANALYSIS DATE | ANALYSIS BY |
|--------------|----------|---------|-------|------------------|---------------|-------------|
| Benzene      | EPA-8260 | U       | UG/KG | 5.0              | 12/28/2023    | DLC         |
| Toluene      | EPA-8260 | U       | UG/KG | 10               | 12/28/2023    | DLC         |
| Ethylbenzene | EPA-8260 | U       | UG/KG | 10               | 12/28/2023    | DLC         |
| m,p-Xylene   | EPA-8260 | U       | UG/KG | 20               | 12/28/2023    | DLC         |
| o-Xylene     | EPA-8260 | U       | UG/KG | 10               | 12/28/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.



## CERTIFICATE OF ANALYSIS

CLIENT: Antea Group  
18378-B Redmond Way  
Redmond, WA 98052-5012  
DATE: 12/29/2023  
ALS SDG#: EV23120203  
WDOE ACCREDITATION: C601

CLIENT CONTACT: Megan Richard  
CLIENT PROJECT: MP-46

## LABORATORY CONTROL SAMPLE RESULTS

### ALS Test Batch ID: 205436 - Soil by NWTPH-GX

| SPIKED COMPOUND          | METHOD   | %REC | RPD | QUAL | LIMITS |       | ANALYSIS DATE | ANALYSIS BY |
|--------------------------|----------|------|-----|------|--------|-------|---------------|-------------|
|                          |          |      |     |      | MIN    | MAX   |               |             |
| TPH-Volatile Range - BS  | NWTPH-GX | 98.4 |     |      | 66.5   | 122.7 | 12/29/2023    | MNC         |
| TPH-Volatile Range - BSD | NWTPH-GX | 97.4 | 1   |      | 66.5   | 122.7 | 12/29/2023    | MNC         |

### ALS Test Batch ID: 205446 - Soil by NWTPH-GX

| SPIKED COMPOUND          | METHOD   | %REC | RPD | QUAL | LIMITS |       | ANALYSIS DATE | ANALYSIS BY |
|--------------------------|----------|------|-----|------|--------|-------|---------------|-------------|
|                          |          |      |     |      | MIN    | MAX   |               |             |
| TPH-Volatile Range - BS  | NWTPH-GX | 110  |     |      | 66.5   | 122.7 | 12/28/2023    | MNC         |
| TPH-Volatile Range - BSD | NWTPH-GX | 106  | 3   |      | 66.5   | 122.7 | 12/28/2023    | MNC         |

### ALS Test Batch ID: 205464 - Soil by NWTPH-GX

| SPIKED COMPOUND          | METHOD   | %REC | RPD | QUAL | LIMITS |       | ANALYSIS DATE | ANALYSIS BY |
|--------------------------|----------|------|-----|------|--------|-------|---------------|-------------|
|                          |          |      |     |      | MIN    | MAX   |               |             |
| TPH-Volatile Range - BS  | NWTPH-GX | 98.3 |     |      | 66.5   | 122.7 | 12/28/2023    | MNC         |
| TPH-Volatile Range - BSD | NWTPH-GX | 98.9 | 1   |      | 66.5   | 122.7 | 12/28/2023    | MNC         |

### ALS Test Batch ID: 205478 - Soil by EPA-8260

| SPIKED COMPOUND    | METHOD   | %REC | RPD | QUAL | LIMITS |       | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|------|-----|------|--------|-------|---------------|-------------|
|                    |          |      |     |      | MIN    | MAX   |               |             |
| Benzene - BS       | EPA-8260 | 97.8 |     |      | 75     | 138   | 12/28/2023    | DLC         |
| Benzene - BSD      | EPA-8260 | 104  | 6   |      | 75     | 138   | 12/28/2023    | DLC         |
| Toluene - BS       | EPA-8260 | 96.3 |     |      | 71.6   | 122.1 | 12/28/2023    | DLC         |
| Toluene - BSD      | EPA-8260 | 102  | 5   |      | 71.6   | 122.1 | 12/28/2023    | DLC         |
| Ethylbenzene - BS  | EPA-8260 | 95.7 |     |      | 50     | 150   | 12/28/2023    | DLC         |
| Ethylbenzene - BSD | EPA-8260 | 99.5 | 4   |      | 50     | 150   | 12/28/2023    | DLC         |
| m,p-Xylene - BS    | EPA-8260 | 93.2 |     |      | 50     | 150   | 12/28/2023    | DLC         |
| m,p-Xylene - BSD   | EPA-8260 | 97.6 | 5   |      | 50     | 150   | 12/28/2023    | DLC         |
| o-Xylene - BS      | EPA-8260 | 94.3 |     |      | 50     | 150   | 12/28/2023    | DLC         |
| o-Xylene - BSD     | EPA-8260 | 99.7 | 6   |      | 50     | 150   | 12/28/2023    | DLC         |

### ALS Test Batch ID: 205481 - Soil by EPA-8260

| SPIKED COMPOUND    | METHOD   | %REC | RPD | QUAL | LIMITS |       | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|------|-----|------|--------|-------|---------------|-------------|
|                    |          |      |     |      | MIN    | MAX   |               |             |
| Benzene - BS       | EPA-8260 | 86.5 |     |      | 75     | 138   | 12/28/2023    | DLC         |
| Benzene - BSD      | EPA-8260 | 85.6 | 1   |      | 75     | 138   | 12/28/2023    | DLC         |
| Toluene - BS       | EPA-8260 | 92.7 |     |      | 71.6   | 122.1 | 12/28/2023    | DLC         |
| Toluene - BSD      | EPA-8260 | 90.5 | 2   |      | 71.6   | 122.1 | 12/28/2023    | DLC         |
| Ethylbenzene - BS  | EPA-8260 | 86.6 |     |      | 50     | 150   | 12/28/2023    | DLC         |
| Ethylbenzene - BSD | EPA-8260 | 83.1 | 4   |      | 50     | 150   | 12/28/2023    | DLC         |
| m,p-Xylene - BS    | EPA-8260 | 87.9 |     |      | 50     | 150   | 12/28/2023    | DLC         |

**CERTIFICATE OF ANALYSIS**

|                 |                                                              |                     |            |
|-----------------|--------------------------------------------------------------|---------------------|------------|
| CLIENT:         | Antea Group<br>18378-B Redmond Way<br>Redmond, WA 98052-5012 | DATE:               | 12/29/2023 |
|                 |                                                              | ALS SDG#:           | EV23120203 |
|                 |                                                              | WDOE ACCREDITATION: | C601       |
| CLIENT CONTACT: | Megan Richard                                                |                     |            |
| CLIENT PROJECT: | MP-46                                                        |                     |            |

**LABORATORY CONTROL SAMPLE RESULTS**

| SPIKED COMPOUND  | METHOD   | %REC | RPD | QUAL | LIMITS |     | ANALYSIS DATE | ANALYSIS BY |
|------------------|----------|------|-----|------|--------|-----|---------------|-------------|
|                  |          |      |     |      | MIN    | MAX |               |             |
| m,p-Xylene - BSD | EPA-8260 | 83.8 | 5   |      | 50     | 150 | 12/28/2023    | DLC         |
| o-Xylene - BS    | EPA-8260 | 87.4 |     |      | 50     | 150 | 12/28/2023    | DLC         |
| o-Xylene - BSD   | EPA-8260 | 83.6 | 4   |      | 50     | 150 | 12/28/2023    | DLC         |

APPROVED BY



Rob Greer  
Laboratory Director



## ALS Job# (Laboratory Use Only)

EV23120203

Date 12/27/23 Page 1 Of 1

### SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Cetin Deschene, Antea Group, 12/27/23  
Received By: [Signature] ACJ 12/27/23 3:00pm

2. Relinquished By: \_\_\_\_\_  
Received By: \_\_\_\_\_

TURNAROUND REQUESTED in Business Days\*

OTHER:

Organic, Metals &amp; Inorganic Analysis

10 5 3 2 ~~1~~ SAME DAY

## Fuels & Hydrocarbon Analysis

5      3      ~~1~~      SAME DAY

Specify: 24 hr  
ASAP

\*Turnaround request less than standard may incur Rush Charges



## ALS Job# (Laboratory Use Only)

EV23120202

Date 12/28/23 Page 2 Of 2

[illegible]

### SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Calin Dekeane, Antea Group, 12/27/23  
Received By: [Signature] Dec 12/27/23 3:27pm

2. Relinquished By: \_\_\_\_\_  
Received By: \_\_\_\_\_

TURNAROUND REQUESTED in Business Days\*

OTHER:

Organic, Metals &amp; Inorganic Analysis

10 5 3 2 ~~1~~ SAN  
Chandni DA

Fuels & Hydrocarbon Analysis

5 3 ~~1~~ SAME DAY

Standard

Specify: 24 hr  
ASAP

*\*Turnaround request less than standard may incur Rush Charges*



**ALS Environmental**  
8620 Holly Drive, Suite 100  
Everett, WA 98208  
Phone (425) 356-2600  
Fax (425) 356-2626  
http://www.alsglobal.com

# Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only)

Eu23120203

Date 12/27/23 Page 3 Of

| PROJECT ID: <u>MP-46</u>                                   |          |      |      |      | ANALYSIS REQUESTED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        | OTHER (Specify) |     |                        |             |     |          |      |       |                      |                             |
|------------------------------------------------------------|----------|------|------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|------------------|------------------|-----------------------------------|----------------------------------------|-----------------------------------|------------------------------|--------------------------------------------|--------------------------------------------------------|-----------------|------------------------|---------------|--------|-----------------|-----|------------------------|-------------|-----|----------|------|-------|----------------------|-----------------------------|
| REPORT TO COMPANY: <u>Anteo Group</u>                      |          |      |      |      | NWTPH-HCID<br>NWTPH-DX<br>NWTPH-GX<br>BTEX by EPA 8021<br>MTBE by EPA 8021<br>Halogenated Volatiles by EPA 8260<br>Volatile Organic Compounds by EPA 8260<br>EDB / EDC by EPA 8260 SIM (water)<br>EDB / EDC by EPA 8260 (soil)<br>Semivolatile Organic Compounds by EPA 8270<br>Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM<br>PCB by EPA 8082<br>Pesticides by EPA 8081<br>Metals-MTCA-5<br>RORA-8<br>PII Pol<br>TAL<br>Metals Other (Specify)<br>TCLP-Metals<br>VOA<br>Semi-Vol<br>Pest<br>Herbs |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |
| PROJECT MANAGER: <u>Megan Richard</u>                      |          |      |      |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |
| ADDRESS: <u>18378-B Redmont Way</u><br><u>Redmont WA</u>   |          |      |      |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |
| PHONE: <u>206-854-0399</u> P.O. #:                         |          |      |      |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |
| E-MAIL: <u>Megan.Richard@Anteogroup.us</u>                 |          |      |      |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |
| INVOICE TO COMPANY: <u>Same as above</u>                   |          |      |      |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |
| ATTENTION: <u>Digital Solutions, Equis @ Anteogroup.us</u> |          |      |      |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |
| ADDRESS: <u>Same as above</u>                              |          |      |      |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |
| SAMPLE I.D.                                                | DATE     | TIME | TYPE | LAB# | NWTPH-HCID                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | NWTPH-DX | NWTPH-GX | BTEX by EPA 8021 | MTBE by EPA 8021 | Halogenated Volatiles by EPA 8260 | Volatile Organic Compounds by EPA 8260 | EDB / EDC by EPA 8260 SIM (water) | EDB / EDC by EPA 8260 (soil) | Semivolatile Organic Compounds by EPA 8270 | Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM | PCB by EPA 8082 | Pesticides by EPA 8081 | Metals-MTCA-5 | RORA-8 | PII Pol         | TAL | Metals Other (Specify) | TCLP-Metals | VOA | Semi-Vol | Pest | Herbs | NUMBER OF CONTAINERS | RECEIVED IN GOOD CONDITION? |
| 1. SW-S-10-24-20231227                                     | 12/27/23 | 1240 | Soil | 21   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          | X        | X                |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |
| 2. SW-S-10-12-20231227                                     |          | 1245 |      | 22   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          | X        | X                |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |
| 3. SW-N-10-12-20231227                                     |          | 1350 |      | 23   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          | X        | X                |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |
| 4. SW-N-10-24-20231227                                     |          | 1255 |      | 24   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          | X        | X                |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |
| 5. B-18-24-20231227                                        |          | 1300 |      | 25   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          | X        | X                |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |
| 6. B-19-24-20231227                                        |          | 1305 |      | 26   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          | X        | X                |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |
| 7. SW-S-7-12-20231227                                      |          | 1325 |      | 27   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          | X        | X                |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |
| 8. SW-S-7-24-20231227                                      |          | 1330 |      | 28   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          | X        | X                |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |
| 9. SW-N-7-12-20231227                                      |          | 1320 |      | 29   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          | X        | X                |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |
| 10. SW-N-7-24-20231227                                     |          | 1335 |      | 30   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          | X        | X                |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |

## SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

- Relinquished By: Celia Dechenne, Anteo Group, 12/27/23  
Received By: [Signature] AS 12/27/23 3:00pm
- Relinquished By: \_\_\_\_\_  
Received By: \_\_\_\_\_

TURNAROUND REQUESTED in Business Days\*  
Organic, Metals & Inorganic Analysis OTHER:

|                              |   |   |   |          |          |
|------------------------------|---|---|---|----------|----------|
| 10<br>Standard               | 5 | 3 | 2 | X        | SAME DAY |
| Fuels & Hydrocarbon Analysis |   |   |   |          |          |
| 5<br>Standard                | 3 | X | 2 | SAME DAY |          |

Specify: 24 hr  
ASAP

\*Turnaround request less than standard may incur Rush Charges



## ALS Job# (Laboratory Use Only)

EV23120203

Date 12/27/23 Page 4 Of       

[illegible]

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Colin Decker Antea Group 12/27/23  
Received By: [Signature] ASJ 12/27/23 3:00pm

2. Relinquished By: \_\_\_\_\_  
Received By: \_\_\_\_\_

TURNAROUND REQUESTED in Business Days\*

Organic, Metals &amp; Inorganic Analysis

OTHER:

10 5 3 2  SAM  
Standard DAY

Fuels &amp; Hydrocarbon Analysis

Specify: \_\_\_\_\_

ASAP

\*Turnaround request less than standard may incur Rush Charges

# ALS ENVIRONMENTAL

## Sample Receiving Checklist

Client: Antea ALS Job#: E023120203

Project: MP-46

Login Date: 12-27-23 Login Time: 3:16 Login By: MH

Type of Shipping Container: Cooler ☒ Box ☐ Other ☐

Shipped via: FedEx Ground ☐ UPS ☐ Courier ☐ Hand Delivered ☒ ALS Courier ☐  
FedEx Express ☐

|                                                                      | Yes                                 | No                       | N/A                                 |
|----------------------------------------------------------------------|-------------------------------------|--------------------------|-------------------------------------|
| Were custody seals on outside of shipping container?                 | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| If yes, how many? <u>          </u> Where? <u>          </u>         |                                     |                          |                                     |
| Custody seal date: <u>          </u> Seal name: <u>          </u>    |                                     |                          |                                     |
| Was Chain of Custody properly filled out (ink, signed, dated, etc.)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| Did all bottles have labels?                                         | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| Did all bottle labels and tags agree with Chain of Custody?          | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| Were samples received within hold time?                              | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| Did all bottles arrive in good condition (unbroken, etc.)?           | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| Was sufficient amount of sample sent for the tests indicated?        | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| Was correct preservation added to samples?                           | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| Subcontract test containers added to Subcontract Bin?                | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Wetchem test containers marked with required Tests?                  | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Short hold time test containers delivered to analysts?               | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Were VOA vials checked for absence of air bubbles?                   | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Bubbles present in sample #: <u>                                </u> |                                     |                          |                                     |

5035A kits received? ☒  
    # Low Kits: 32 # High Kits:           

5035A kits returned?  
    # Low Kits:            # High Kits:           

Temperature of cooler upon receipt: 4.3°C On ice? ☒

Explain any discrepancies:

Was client contacted?            Who was called?            By whom?            Date:           

Outcome of call:



December 22, 2023

Ms. Megan Richard  
Antea Group  
18378-B Redmond Way  
Redmond, WA 98052-5012

Dear Ms. Richard,

On December 21st, 18 samples were received by our laboratory and assigned our laboratory project number EV23120182. The project was identified as your MP-46. The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Rob Greer  
Laboratory Director

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                        |
|------------------|------------------------|---------------------|------------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/22/2023             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120182             |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120182-01          |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/21/2023             |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/21/2023 12:20:00 PM |
| CLIENT SAMPLE ID | SW-S-6_12_20231221     | WDOE ACCREDITATION: | C601                   |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 12/22/2023    | DLC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/21/2023    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/21/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 91.1 | 12/22/2023    | DLC         |
| Toluene-d8 | EPA-8260 | 98.1 | 12/21/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                        |
|------------------|------------------------|---------------------|------------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/22/2023             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120182             |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120182-02          |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/21/2023             |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/21/2023 12:25:00 PM |
| CLIENT SAMPLE ID | SW-S-6_24_20231221     | WDOE ACCREDITATION: | C601                   |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 12/22/2023    | DLC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/21/2023    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/21/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 86.1 | 12/22/2023    | DLC         |
| Toluene-d8 | EPA-8260 | 94.7 | 12/21/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                                                              |                     |                        |
|------------------|--------------------------------------------------------------|---------------------|------------------------|
| CLIENT:          | Antea Group<br>18378-B Redmond Way<br>Redmond, WA 98052-5012 | DATE:               | 12/22/2023             |
|                  |                                                              | ALS JOB#:           | EV23120182             |
| CLIENT CONTACT:  | Megan Richard                                                | ALS SAMPLE#:        | EV23120182-03          |
| CLIENT PROJECT:  | MP-46                                                        | DATE RECEIVED:      | 12/21/2023             |
| CLIENT SAMPLE ID | SW-N-6_12_20231221                                           | COLLECTION DATE:    | 12/21/2023 12:05:00 PM |
|                  |                                                              | WDOE ACCREDITATION: | C601                   |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 12/22/2023    | DLC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/21/2023    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/21/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 92.3 | 12/22/2023    | DLC         |
| Toluene-d8 | EPA-8260 | 95.7 | 12/21/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                         |                                                              |                            |                        |
|-------------------------|--------------------------------------------------------------|----------------------------|------------------------|
| <b>CLIENT:</b>          | Antea Group<br>18378-B Redmond Way<br>Redmond, WA 98052-5012 | <b>DATE:</b>               | 12/22/2023             |
|                         |                                                              | <b>ALS JOB#:</b>           | EV23120182             |
|                         |                                                              | <b>ALS SAMPLE#:</b>        | EV23120182-04          |
| <b>CLIENT CONTACT:</b>  | Megan Richard                                                | <b>DATE RECEIVED:</b>      | 12/21/2023             |
| <b>CLIENT PROJECT:</b>  | MP-46                                                        | <b>COLLECTION DATE:</b>    | 12/21/2023 12:10:00 PM |
| <b>CLIENT SAMPLE ID</b> | SW-N-6_24_20231221                                           | <b>WDOE ACCREDITATION:</b> | C601                   |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 12/22/2023    | DLC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/21/2023    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/21/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 98.7 | 12/22/2023    | DLC         |
| Toluene-d8 | EPA-8260 | 95.4 | 12/21/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                        |
|------------------|------------------------|---------------------|------------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/22/2023             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120182             |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120182-05          |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/21/2023             |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/21/2023 12:30:00 PM |
| CLIENT SAMPLE ID | B-10_24_20231221       | WDOE ACCREDITATION: | C601                   |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 7.6     | 3.0              | 1               | MG/KG | 12/22/2023    | DLC         |
| Benzene            | EPA-8260 | 19      | 5.0              | 1               | UG/KG | 12/21/2023    | DLC         |
| Toluene            | EPA-8260 | 660     | 18               | 1               | UG/KG | 12/22/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | 100     | 25               | 1               | UG/KG | 12/22/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | 380     | 49               | 1               | UG/KG | 12/22/2023    | DLC         |
| o-Xylene           | EPA-8260 | 150     | 31               | 1               | UG/KG | 12/22/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 102  | 12/22/2023    | DLC         |
| Toluene-d8 | EPA-8260 | 105  | 12/21/2023    | DLC         |
| Toluene-d8 | EPA-8260 | 98.4 | 12/22/2023    | DLC         |

Chromatogram indicates that it is likely that sample contains weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                        |
|------------------|------------------------|---------------------|------------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/22/2023             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120182             |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120182-06          |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/21/2023             |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/21/2023 12:35:00 PM |
| CLIENT SAMPLE ID | B-11_24_20231221       | WDOE ACCREDITATION: | C601                   |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 21      | 3.0              | 1               | MG/KG | 12/22/2023    | DLC         |
| Benzene            | EPA-8260 | 34      | 5.0              | 1               | UG/KG | 12/21/2023    | DLC         |
| Toluene            | EPA-8260 | 3500    | 20               | 1               | UG/KG | 12/22/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | 16      | 10               | 1               | UG/KG | 12/21/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | 73      | 20               | 1               | UG/KG | 12/21/2023    | DLC         |
| o-Xylene           | EPA-8260 | 41      | 10               | 1               | UG/KG | 12/21/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 87.4 | 12/22/2023    | DLC         |
| Toluene-d8 | EPA-8260 | 96.5 | 12/21/2023    | DLC         |
| Toluene-d8 | EPA-8260 | 97.6 | 12/22/2023    | DLC         |

Chromatogram indicates that it is likely that sample contains lightly weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/22/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120182            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120182-07         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/21/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/21/2023 2:00:00 PM |
| CLIENT SAMPLE ID | SW-N-8_12_20231221     | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 30      | 3.0              | 1               | MG/KG | 12/22/2023    | DLC         |
| Benzene            | EPA-8260 | 770     | 28               | 1               | UG/KG | 12/22/2023    | DLC         |
| Toluene            | EPA-8260 | 6600    | 84               | 5               | UG/KG | 12/22/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | 280     | 24               | 1               | UG/KG | 12/22/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | 900     | 47               | 1               | UG/KG | 12/22/2023    | DLC         |
| o-Xylene           | EPA-8260 | 400     | 30               | 1               | UG/KG | 12/22/2023    | DLC         |

| SURROGATE              | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------------------|----------|------|---------------|-------------|
| TFT                    | NWTPH-GX | 92.6 | 12/22/2023    | DLC         |
| Toluene-d8             | EPA-8260 | 96.9 | 12/22/2023    | DLC         |
| Toluene-d8 5X Dilution | EPA-8260 | 96.8 | 12/22/2023    | DLC         |

Chromatogram indicates that it is likely that sample contains lightly weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                                                              |                     |                       |
|------------------|--------------------------------------------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group<br>18378-B Redmond Way<br>Redmond, WA 98052-5012 | DATE:               | 12/22/2023            |
|                  |                                                              | ALS JOB#:           | EV23120182            |
| CLIENT CONTACT:  | Megan Richard                                                | ALS SAMPLE#:        | EV23120182-08         |
| CLIENT PROJECT:  | MP-46                                                        | DATE RECEIVED:      | 12/21/2023            |
| CLIENT SAMPLE ID | SW-N-8_24_20231221                                           | COLLECTION DATE:    | 12/21/2023 2:05:00 PM |
|                  |                                                              | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 12/22/2023    | DLC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/21/2023    | DLC         |
| Toluene            | EPA-8260 | 13      | 10               | 1               | UG/KG | 12/21/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/21/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 104  | 12/22/2023    | DLC         |
| Toluene-d8 | EPA-8260 | 96.0 | 12/21/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/22/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120182            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120182-09         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/21/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/21/2023 2:10:00 PM |
| CLIENT SAMPLE ID | SW-S-8_12_20231221     | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 12/22/2023    | DLC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/21/2023    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/21/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 85.2 | 12/22/2023    | DLC         |
| Toluene-d8 | EPA-8260 | 97.1 | 12/21/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/22/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120182            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120182-10         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/21/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/21/2023 2:15:00 PM |
| CLIENT SAMPLE ID | SW-S-8_24_20231221     | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 12/22/2023    | DLC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/21/2023    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/21/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 81.4 | 12/22/2023    | DLC         |
| Toluene-d8 | EPA-8260 | 96.3 | 12/21/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/22/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120182            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120182-11         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/21/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/21/2023 2:20:00 PM |
| CLIENT SAMPLE ID | B-14_24_20231221       | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 12/22/2023    | DLC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/21/2023    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/21/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 94.6 | 12/22/2023    | DLC         |
| Toluene-d8 | EPA-8260 | 96.7 | 12/21/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/22/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120182            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120182-12         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/21/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/21/2023 2:25:00 PM |
| CLIENT SAMPLE ID | B-15_24_20231221       | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 440     | 30               | 10              | MG/KG | 12/22/2023    | DLC         |
| Benzene            | EPA-8260 | 2900    | 28               | 1               | UG/KG | 12/22/2023    | DLC         |
| Toluene            | EPA-8260 | 27000   | 160              | 10              | UG/KG | 12/22/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | 5100    | 230              | 10              | UG/KG | 12/22/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | 21000   | 460              | 10              | UG/KG | 12/22/2023    | DLC         |
| o-Xylene           | EPA-8260 | 7900    | 290              | 10              | UG/KG | 12/22/2023    | DLC         |

| SURROGATE               | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|-------------------------|----------|------|---------------|-------------|
| TFT 10X Dilution        | NWTPH-GX | 110  | 12/22/2023    | DLC         |
| Toluene-d8              | EPA-8260 | 103  | 12/22/2023    | DLC         |
| Toluene-d8 10X Dilution | EPA-8260 | 96.4 | 12/22/2023    | DLC         |

Chromatogram indicates that it is likely that sample contains lightly weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/22/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120182            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120182-13         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/21/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/21/2023 2:30:00 PM |
| CLIENT SAMPLE ID | SW-N-9-12              | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 12/22/2023    | DLC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/21/2023    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/21/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 97.9 | 12/22/2023    | DLC         |
| Toluene-d8 | EPA-8260 | 98.1 | 12/21/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/22/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120182            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120182-14         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/21/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/21/2023 2:35:00 PM |
| CLIENT SAMPLE ID | SW-N-9-24              | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 12/22/2023    | DLC         |
| Benzene            | EPA-8260 | 11      | 5.0              | 1               | UG/KG | 12/21/2023    | DLC         |
| Toluene            | EPA-8260 | 490     | 15               | 1               | UG/KG | 12/22/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | 23      | 20               | 1               | UG/KG | 12/21/2023    | DLC         |
| o-Xylene           | EPA-8260 | 11      | 10               | 1               | UG/KG | 12/21/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 89.1 | 12/22/2023    | DLC         |
| Toluene-d8 | EPA-8260 | 94.9 | 12/21/2023    | DLC         |
| Toluene-d8 | EPA-8260 | 98.0 | 12/22/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/22/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120182            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120182-15         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/21/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/21/2023 2:40:00 PM |
| CLIENT SAMPLE ID | SW-S-9-12              | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 12/22/2023    | DLC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/22/2023    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 12/22/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/22/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/22/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/22/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 95.7 | 12/22/2023    | DLC         |
| Toluene-d8 | EPA-8260 | 97.9 | 12/22/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                         |                                                              |                            |                       |
|-------------------------|--------------------------------------------------------------|----------------------------|-----------------------|
| <b>CLIENT:</b>          | Antea Group<br>18378-B Redmond Way<br>Redmond, WA 98052-5012 | <b>DATE:</b>               | 12/22/2023            |
|                         |                                                              | <b>ALS JOB#:</b>           | EV23120182            |
|                         |                                                              | <b>ALS SAMPLE#:</b>        | EV23120182-16         |
| <b>CLIENT CONTACT:</b>  | Megan Richard                                                | <b>DATE RECEIVED:</b>      | 12/21/2023            |
| <b>CLIENT PROJECT:</b>  | MP-46                                                        | <b>COLLECTION DATE:</b>    | 12/21/2023 2:50:00 PM |
| <b>CLIENT SAMPLE ID</b> | SW-S-9-24                                                    | <b>WDOE ACCREDITATION:</b> | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 12/22/2023    | DLC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/22/2023    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 12/22/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/22/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/22/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/22/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 89.5 | 12/22/2023    | DLC         |
| Toluene-d8 | EPA-8260 | 95.3 | 12/22/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/22/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120182            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120182-17         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/21/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/21/2023 3:00:00 PM |
| CLIENT SAMPLE ID | B-16_24                | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 12/22/2023    | DLC         |
| Benzene            | EPA-8260 | 6.6     | 5.0              | 1               | UG/KG | 12/22/2023    | DLC         |
| Toluene            | EPA-8260 | 15      | 10               | 1               | UG/KG | 12/22/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/22/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/22/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/22/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 99.0 | 12/22/2023    | DLC         |
| Toluene-d8 | EPA-8260 | 94.5 | 12/22/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/22/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120182            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120182-18         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/21/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/21/2023 3:15:00 PM |
| CLIENT SAMPLE ID | B-17_24                | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 12      | 3.0              | 1               | MG/KG | 12/22/2023    | DLC         |
| Benzene            | EPA-8260 | 21      | 5.0              | 1               | UG/KG | 12/22/2023    | DLC         |
| Toluene            | EPA-8260 | 2200    | 16               | 1               | UG/KG | 12/22/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/22/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | 41      | 20               | 1               | UG/KG | 12/22/2023    | DLC         |
| o-Xylene           | EPA-8260 | 21      | 10               | 1               | UG/KG | 12/22/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 107  | 12/22/2023    | DLC         |
| Toluene-d8 | EPA-8260 | 98.0 | 12/22/2023    | DLC         |
| Toluene-d8 | EPA-8260 | 97.4 | 12/22/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.  
Chromatogram indicates that it is likely that sample contains lightly weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                 |                                                              |                                                                      |
|-----------------|--------------------------------------------------------------|----------------------------------------------------------------------|
| CLIENT:         | Antea Group<br>18378-B Redmond Way<br>Redmond, WA 98052-5012 | DATE: 12/22/2023<br>ALS SDG#: EV23120182<br>WDOE ACCREDITATION: C601 |
| CLIENT CONTACT: | Megan Richard                                                |                                                                      |
| CLIENT PROJECT: | MP-46                                                        |                                                                      |

**LABORATORY BLANK RESULTS**
**MBG-122123S - Batch 205176 - Soil by NWTPH-GX**

| ANALYTE            | METHOD   | RESULTS | UNITS | REPORTING LIMITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|-------|------------------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | MG/KG | 3.0              | 12/22/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**MB-122123S - Batch 205200 - Soil by EPA-8260**

| ANALYTE      | METHOD   | RESULTS | UNITS | REPORTING LIMITS | ANALYSIS DATE | ANALYSIS BY |
|--------------|----------|---------|-------|------------------|---------------|-------------|
| Benzene      | EPA-8260 | U       | UG/KG | 5.0              | 12/21/2023    | DLC         |
| Toluene      | EPA-8260 | U       | UG/KG | 10               | 12/21/2023    | DLC         |
| Ethylbenzene | EPA-8260 | U       | UG/KG | 10               | 12/21/2023    | DLC         |
| m,p-Xylene   | EPA-8260 | U       | UG/KG | 20               | 12/21/2023    | DLC         |
| o-Xylene     | EPA-8260 | U       | UG/KG | 10               | 12/21/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                 |                        |                     |            |
|-----------------|------------------------|---------------------|------------|
| CLIENT:         | Antea Group            | DATE:               | 12/22/2023 |
|                 | 18378-B Redmond Way    | ALS SDG#:           | EV23120182 |
|                 | Redmond, WA 98052-5012 | WDOE ACCREDITATION: | C601       |
| CLIENT CONTACT: | Megan Richard          |                     |            |
| CLIENT PROJECT: | MP-46                  |                     |            |

**LABORATORY CONTROL SAMPLE RESULTS**
**ALS Test Batch ID: 205176 - Soil by NWTPH-GX**

| SPIKED COMPOUND          | METHOD   | %REC | RPD | QUAL | LIMITS |       | ANALYSIS DATE | ANALYSIS BY |
|--------------------------|----------|------|-----|------|--------|-------|---------------|-------------|
|                          |          |      |     |      | MIN    | MAX   |               |             |
| TPH-Volatile Range - BS  | NWTPH-GX | 103  |     |      | 66.5   | 122.7 | 12/22/2023    | DLC         |
| TPH-Volatile Range - BSD | NWTPH-GX | 104  | 2   |      | 66.5   | 122.7 | 12/22/2023    | DLC         |

**ALS Test Batch ID: 205200 - Soil by EPA-8260**

| SPIKED COMPOUND    | METHOD   | %REC | RPD | QUAL | LIMITS |       | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|------|-----|------|--------|-------|---------------|-------------|
|                    |          |      |     |      | MIN    | MAX   |               |             |
| Benzene - BS       | EPA-8260 | 98.2 |     |      | 75     | 138   | 12/21/2023    | DLC         |
| Benzene - BSD      | EPA-8260 | 88.1 | 11  |      | 75     | 138   | 12/21/2023    | DLC         |
| Toluene - BS       | EPA-8260 | 98.1 |     |      | 71.6   | 122.1 | 12/21/2023    | DLC         |
| Toluene - BSD      | EPA-8260 | 87.8 | 11  |      | 71.6   | 122.1 | 12/21/2023    | DLC         |
| Ethylbenzene - BS  | EPA-8260 | 98.9 |     |      | 50     | 150   | 12/21/2023    | DLC         |
| Ethylbenzene - BSD | EPA-8260 | 89.7 | 10  |      | 50     | 150   | 12/21/2023    | DLC         |
| m,p-Xylene - BS    | EPA-8260 | 97.8 |     |      | 50     | 150   | 12/21/2023    | DLC         |
| m,p-Xylene - BSD   | EPA-8260 | 88.0 | 10  |      | 50     | 150   | 12/21/2023    | DLC         |
| o-Xylene - BS      | EPA-8260 | 98.3 |     |      | 50     | 150   | 12/21/2023    | DLC         |
| o-Xylene - BSD     | EPA-8260 | 89.4 | 9   |      | 50     | 150   | 12/21/2023    | DLC         |

APPROVED BY



Rob Greer  
Laboratory Director



**ALS Environmental**  
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Everett, WA 98208  
Phone (425) 356-2600  
Fax (425) 356-2626  
http://www.alsglobal.com

# Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only)

**EV23120182**

Date 12/21/23 Page 1 Of 2

| PROJECT ID: <u>MP-46</u>                                 |          |      |      |      | ANALYSIS REQUESTED |          |          |                  |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               | OTHER (Specify) |         |     |                        |             |     |          |      |       |                      |                             |  |
|----------------------------------------------------------|----------|------|------|------|--------------------|----------|----------|------------------|------------------|------------------|-----------------------------------|----------------------------------------|-----------------------------------|------------------------------|--------------------------------------------|--------------------------------------------------------|-----------------|------------------------|---------------|-----------------|---------|-----|------------------------|-------------|-----|----------|------|-------|----------------------|-----------------------------|--|
| REPORT TO COMPANY: <u>Anteo Group</u>                    |          |      |      |      | NWTPH-HCID         | NWTPH-DX | NWTPH-GX | BTEX by EPA 8021 | BTEX by EPA 8260 | MTBE by EPA 8260 | Halogenated Volatiles by EPA 8260 | Volatile Organic Compounds by EPA 8260 | EDB / EDC by EPA 8260 SIM (water) | EDB / EDC by EPA 8260 (soil) | Semivolatile Organic Compounds by EPA 8270 | Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM | PCB by EPA 8082 | Pesticides by EPA 8081 | Metals-MTCA-5 | RCRA-8          | Pri Pol | TAL | Metals Other (Specify) | TCLP-Metals | VOA | Semi-Vol | Pest | Herbs | NUMBER OF CONTAINERS | RECEIVED IN GOOD CONDITION? |  |
| PROJECT MANAGER: <u>Megan Richard</u>                    |          |      |      |      |                    |          |          |                  |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |                 |         |     |                        |             |     |          |      |       |                      |                             |  |
| ADDRESS: <u>18378-B Redmont Way</u>                      |          |      |      |      |                    |          |          |                  |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |                 |         |     |                        |             |     |          |      |       |                      |                             |  |
| <u>Redmont WA</u>                                        |          |      |      |      |                    |          |          |                  |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |                 |         |     |                        |             |     |          |      |       |                      |                             |  |
| PHONE: <u>206-854-0344</u> P.O. #:                       |          |      |      |      |                    |          |          |                  |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |                 |         |     |                        |             |     |          |      |       |                      |                             |  |
| E-MAIL: <u>Megan.Richard@AnteoGroup.VS</u>               |          |      |      |      |                    |          |          |                  |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |                 |         |     |                        |             |     |          |      |       |                      |                             |  |
| INVOICE TO COMPANY: <u>Same as above</u>                 |          |      |      |      |                    |          |          |                  |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |                 |         |     |                        |             |     |          |      |       |                      |                             |  |
| ATTENTION: <u>Digital Solutions, Equis@AnteoGroup.VS</u> |          |      |      |      |                    |          |          |                  |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |                 |         |     |                        |             |     |          |      |       |                      |                             |  |
| ADDRESS: <u>Same as above</u>                            |          |      |      |      |                    |          |          |                  |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |                 |         |     |                        |             |     |          |      |       |                      |                             |  |
| SAMPLE I.D.                                              | DATE     | TIME | TYPE | LAB# |                    |          |          |                  |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |                 |         |     |                        |             |     |          |      |       |                      |                             |  |
| 1. SW-S-6-12-2023/12/21                                  | 12/21/23 | 1220 | Soil | 1    |                    |          | X        | X                |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |                 |         |     |                        |             |     |          |      |       |                      |                             |  |
| 2. SW-S-6-24-2023/12/21                                  | ↓        | 1225 | ↓    | 2    |                    |          | X        | X                |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |                 |         |     |                        |             |     |          |      |       |                      |                             |  |
| 3. SW-N-6-12-2023/12/21                                  | ↓        | 1205 | ↓    | 3    |                    |          | X        | X                |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |                 |         |     |                        |             |     |          |      |       |                      |                             |  |
| 4. SW-N-6-24-2023/12/21                                  | ↓        | 1210 | ↓    | 4    |                    |          | X        | X                |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |                 |         |     |                        |             |     |          |      |       |                      |                             |  |
| 5. B-10-24-2023/12/21                                    |          | 1230 |      | 5    |                    |          | X        | X                |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |                 |         |     |                        |             |     |          |      |       |                      |                             |  |
| 6. B-11-24-2023/12/21                                    |          | 1235 |      | 6    |                    |          | X        | X                |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |                 |         |     |                        |             |     |          |      |       |                      |                             |  |
| 7. SW-N-8-12-2023/12/21                                  |          | 1400 |      | 7    |                    |          | X        | X                |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |                 |         |     |                        |             |     |          |      |       |                      |                             |  |
| 8. SW-N-8-24-2023/12/21                                  |          | 1405 |      | 8    |                    |          | X        | X                |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |                 |         |     |                        |             |     |          |      |       |                      |                             |  |
| 9. SW-S-8-12-2023/12/21                                  |          | 1410 |      | 9    |                    |          | X        | X                |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |                 |         |     |                        |             |     |          |      |       |                      |                             |  |
| 10. SW-S-8-24-2023/12/21                                 |          | 1415 |      | 10   |                    |          | X        | X                |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |                 |         |     |                        |             |     |          |      |       |                      |                             |  |

## SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Colin Dechene Anteo Group 12/21/23 1630

Received By: [Signature] Anteo 12/21/23 430

2. Relinquished By: \_\_\_\_\_

Received By: \_\_\_\_\_

TURNAROUND REQUESTED in Business Days\*

Organic, Metals & Inorganic Analysis

OTHER:

10 5 3 2 1 SAME DAY

Specify: 24 hr TAT

Fuels & Hydrocarbon Analysis

5 3 1 SAME DAY

\*Turnaround request less than standard may incur Rush Charges



**ALS Environmental**  
8620 Holly Drive, Suite 100  
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http://www.alsglobal.com

# Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only)

E23120182

Date 12/21/23 Page 2 Of 2

| PROJECT ID: MP-46                                   |          |          |                  |                  | ANALYSIS REQUESTED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |   |   |  |  |  |  |  |  |  |  |  |  |  | OTHER (Specify) |          |          |                  |                  |                                   |                                        |                                   |                                        |                                            |                                                        |                                            |                                                        |                 |                        |        |                        |     |                        |      |          |                                                  |       |                                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-----------------------------------------------------|----------|----------|------------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---|---|--|--|--|--|--|--|--|--|--|--|--|-----------------|----------|----------|------------------|------------------|-----------------------------------|----------------------------------------|-----------------------------------|----------------------------------------|--------------------------------------------|--------------------------------------------------------|--------------------------------------------|--------------------------------------------------------|-----------------|------------------------|--------|------------------------|-----|------------------------|------|----------|--------------------------------------------------|-------|--------------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| REPORT TO COMPANY: Antea Group                      |          |          |                  |                  | <table border="1"> <tr> <td rowspan="5">NWTPH-HCID</td> <td rowspan="5">NWTPH-DX</td> <td rowspan="5">NWTPH-GX</td> <td>BTEX by EPA 8021</td> <td>BTEX by EPA 8260</td> <td>MTBE by EPA 8021</td> <td>MTBE by EPA 8260</td> <td>Halogenated Volatiles by EPA 8260</td> <td>Volatile Organic Compounds by EPA 8260</td> <td>EDB / EDC by EPA 8260 SIM (water)</td> <td>EDB / EDC by EPA 8260 (soil)</td> <td>Semivolatile Organic Compounds by EPA 8270</td> <td>Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM</td> <td>PCB by EPA 8082</td> <td>Pesticides by EPA 8081</td> <td>RCRA-8</td> <td>Pri Pol</td> <td>TAL</td> <td>Metals Other (Specify)</td> <td>VOA</td> <td>Semi-Vol</td> <td>Pest</td> <td>Herbs</td> <td rowspan="5">NUMBER OF CONTAINERS RECEIVED IN GOOD CONDITION?</td> </tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table> |  |   |   |  |  |  |  |  |  |  |  |  |  |  | NWTPH-HCID      | NWTPH-DX | NWTPH-GX | BTEX by EPA 8021 | BTEX by EPA 8260 | MTBE by EPA 8021                  | MTBE by EPA 8260                       | Halogenated Volatiles by EPA 8260 | Volatile Organic Compounds by EPA 8260 | EDB / EDC by EPA 8260 SIM (water)          | EDB / EDC by EPA 8260 (soil)                           | Semivolatile Organic Compounds by EPA 8270 | Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM | PCB by EPA 8082 | Pesticides by EPA 8081 | RCRA-8 | Pri Pol                | TAL | Metals Other (Specify) | VOA  | Semi-Vol | Pest                                             | Herbs | NUMBER OF CONTAINERS RECEIVED IN GOOD CONDITION? |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| NWTPH-HCID                                          | NWTPH-DX | NWTPH-GX | BTEX by EPA 8021 | BTEX by EPA 8260 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |   |   |  |  |  |  |  |  |  |  |  |  |  |                 |          |          | MTBE by EPA 8021 | MTBE by EPA 8260 | Halogenated Volatiles by EPA 8260 | Volatile Organic Compounds by EPA 8260 | EDB / EDC by EPA 8260 SIM (water) | EDB / EDC by EPA 8260 (soil)           | Semivolatile Organic Compounds by EPA 8270 | Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM | PCB by EPA 8082                            | Pesticides by EPA 8081                                 | RCRA-8          | Pri Pol                | TAL    | Metals Other (Specify) | VOA | Semi-Vol               | Pest | Herbs    | NUMBER OF CONTAINERS RECEIVED IN GOOD CONDITION? |       |                                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                     |          |          |                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |   |   |  |  |  |  |  |  |  |  |  |  |  |                 |          |          |                  |                  |                                   |                                        |                                   |                                        |                                            |                                                        |                                            |                                                        |                 |                        |        |                        |     |                        |      |          |                                                  |       |                                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                     |          |          |                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |   |   |  |  |  |  |  |  |  |  |  |  |  |                 |          |          |                  |                  |                                   |                                        |                                   |                                        |                                            |                                                        |                                            |                                                        |                 |                        |        |                        |     |                        |      |          |                                                  |       |                                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                     |          |          |                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |   |   |  |  |  |  |  |  |  |  |  |  |  |                 |          |          |                  |                  |                                   |                                        |                                   |                                        |                                            |                                                        |                                            |                                                        |                 |                        |        |                        |     |                        |      |          |                                                  |       |                                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                     |          |          |                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |   |   |  |  |  |  |  |  |  |  |  |  |  |                 |          |          |                  |                  |                                   |                                        |                                   |                                        |                                            |                                                        |                                            |                                                        |                 |                        |        |                        |     |                        |      |          |                                                  |       |                                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| PROJECT MANAGER: Megan Richard                      |          |          |                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |   |   |  |  |  |  |  |  |  |  |  |  |  |                 |          |          |                  |                  |                                   |                                        |                                   |                                        |                                            |                                                        |                                            |                                                        |                 |                        |        |                        |     |                        |      |          |                                                  |       |                                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ADDRESS: 18378-B Redmont way Redmont, WA            |          |          |                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |   |   |  |  |  |  |  |  |  |  |  |  |  |                 |          |          |                  |                  |                                   |                                        |                                   |                                        |                                            |                                                        |                                            |                                                        |                 |                        |        |                        |     |                        |      |          |                                                  |       |                                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| PHONE: 206-854-0399 P.O. #:                         |          |          |                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |   |   |  |  |  |  |  |  |  |  |  |  |  |                 |          |          |                  |                  |                                   |                                        |                                   |                                        |                                            |                                                        |                                            |                                                        |                 |                        |        |                        |     |                        |      |          |                                                  |       |                                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| E-MAIL: Megan.Richard@AnteaGroup.com                |          |          |                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |   |   |  |  |  |  |  |  |  |  |  |  |  |                 |          |          |                  |                  |                                   |                                        |                                   |                                        |                                            |                                                        |                                            |                                                        |                 |                        |        |                        |     |                        |      |          |                                                  |       |                                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| INVOICE TO COMPANY: Same as above                   |          |          |                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |   |   |  |  |  |  |  |  |  |  |  |  |  |                 |          |          |                  |                  |                                   |                                        |                                   |                                        |                                            |                                                        |                                            |                                                        |                 |                        |        |                        |     |                        |      |          |                                                  |       |                                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ATTENTION: Digital Solutions - Equis@AnteaGroup.com |          |          |                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |   |   |  |  |  |  |  |  |  |  |  |  |  |                 |          |          |                  |                  |                                   |                                        |                                   |                                        |                                            |                                                        |                                            |                                                        |                 |                        |        |                        |     |                        |      |          |                                                  |       |                                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ADDRESS: Same as above                              |          |          |                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |   |   |  |  |  |  |  |  |  |  |  |  |  |                 |          |          |                  |                  |                                   |                                        |                                   |                                        |                                            |                                                        |                                            |                                                        |                 |                        |        |                        |     |                        |      |          |                                                  |       |                                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SAMPLE I.D.                                         | DATE     | TIME     | TYPE             | LAB#             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |   |   |  |  |  |  |  |  |  |  |  |  |  |                 |          |          |                  |                  |                                   |                                        |                                   |                                        |                                            |                                                        |                                            |                                                        |                 |                        |        |                        |     |                        |      |          |                                                  |       |                                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1. B-14-24-2023/221                                 | 12/21/23 | 1420     | Soil             | 11               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | X | X |  |  |  |  |  |  |  |  |  |  |  |                 |          |          |                  |                  |                                   |                                        |                                   |                                        |                                            |                                                        |                                            |                                                        |                 |                        |        |                        |     |                        |      |          |                                                  |       |                                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2. B-15-24-2023/221                                 |          | 1425     |                  | 12               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | X | X |  |  |  |  |  |  |  |  |  |  |  |                 |          |          |                  |                  |                                   |                                        |                                   |                                        |                                            |                                                        |                                            |                                                        |                 |                        |        |                        |     |                        |      |          |                                                  |       |                                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3. SW-N-9-12                                        |          | 1430     |                  | 13               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | X | X |  |  |  |  |  |  |  |  |  |  |  |                 |          |          |                  |                  |                                   |                                        |                                   |                                        |                                            |                                                        |                                            |                                                        |                 |                        |        |                        |     |                        |      |          |                                                  |       |                                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4. SW-N-9-24                                        |          | 1435     |                  | 14               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | X | X |  |  |  |  |  |  |  |  |  |  |  |                 |          |          |                  |                  |                                   |                                        |                                   |                                        |                                            |                                                        |                                            |                                                        |                 |                        |        |                        |     |                        |      |          |                                                  |       |                                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5. SW-S-9-12                                        |          | 1440     |                  | 15               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | X | X |  |  |  |  |  |  |  |  |  |  |  |                 |          |          |                  |                  |                                   |                                        |                                   |                                        |                                            |                                                        |                                            |                                                        |                 |                        |        |                        |     |                        |      |          |                                                  |       |                                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6. SW-S-9-24                                        |          | 1445     |                  | 16               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | X | X |  |  |  |  |  |  |  |  |  |  |  |                 |          |          |                  |                  |                                   |                                        |                                   |                                        |                                            |                                                        |                                            |                                                        |                 |                        |        |                        |     |                        |      |          |                                                  |       |                                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7. B-16-24                                          |          | 1500     |                  | 17               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | X | X |  |  |  |  |  |  |  |  |  |  |  |                 |          |          |                  |                  |                                   |                                        |                                   |                                        |                                            |                                                        |                                            |                                                        |                 |                        |        |                        |     |                        |      |          |                                                  |       |                                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8. B-17-24                                          |          | 1515     |                  | 18               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | X | X |  |  |  |  |  |  |  |  |  |  |  |                 |          |          |                  |                  |                                   |                                        |                                   |                                        |                                            |                                                        |                                            |                                                        |                 |                        |        |                        |     |                        |      |          |                                                  |       |                                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9.                                                  |          |          |                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |   |   |  |  |  |  |  |  |  |  |  |  |  |                 |          |          |                  |                  |                                   |                                        |                                   |                                        |                                            |                                                        |                                            |                                                        |                 |                        |        |                        |     |                        |      |          |                                                  |       |                                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10.                                                 |          |          |                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |   |   |  |  |  |  |  |  |  |  |  |  |  |                 |          |          |                  |                  |                                   |                                        |                                   |                                        |                                            |                                                        |                                            |                                                        |                 |                        |        |                        |     |                        |      |          |                                                  |       |                                                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

## SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

- Relinquished By: Colin Dechenne 12/21/23 1630  
Received By: [Signature] 12/21/23 @ 4:30pm
- Relinquished By: [Signature]  
Received By: [Signature]

TURNAROUND REQUESTED in Business Days\*

Organic, Metals & Inorganic Analysis

|    |   |   |   |   |          |
|----|---|---|---|---|----------|
| 10 | 5 | 3 | 2 | 1 | SAME DAY |
|----|---|---|---|---|----------|

Fuels & Hydrocarbon Analysis

|   |   |   |          |
|---|---|---|----------|
| 5 | 3 | 1 | SAME DAY |
|---|---|---|----------|

OTHER:

Specify: 24 hr ASAP

\*Turnaround request less than standard may incur Rush Charges





December 21, 2023

Ms. Megan Richard  
Antea Group  
18378-B Redmond Way  
Redmond, WA 98052-5012

Dear Ms. Richard,

On December 20th, 7 samples were received by our laboratory and assigned our laboratory project number EV23120172. The project was identified as your MP-46. The sample identification and requested analyses are outlined on the attached chain of custody record.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Rob Greer  
Laboratory Director



CLIENT: Antea Group  
18378-B Redmond Way  
Redmond, WA 98052-5012

CLIENT CONTACT: Megan Richard

CLIENT PROJECT: MP-46

DATE: 12/21/2023  
ALS JOB#: EV23120172  
WDOE ACCREDITATION: C601

#### CASE NARRATIVE

TPH-Gasoline by NWTPH-Gx

Batch 205123, Method NWTPH-GX, Sample BGD-122023S, Surrogate TFT: The LCS and/or LCSD recovery were outside of control limits. However, MS/MSD recovery was within control limits. No corrective action taken.

TPH-Gasoline by NWTPH-Gx

Batch 205123, Method NWTPH-GX, Sample BG-122023S, Surrogate TFT: The LCS and/or LCSD recovery were outside of control limits. However, MS/MSD recovery was within control limits. No corrective action taken.



# CERTIFICATE OF ANALYSIS

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/21/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120172            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120172-01         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/20/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/20/2023 3:15:00 PM |
| CLIENT SAMPLE ID | SW-N-5_12_20231220     | WDOE ACCREDITATION: | C601                  |

## SAMPLE DATA RESULTS

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 12/21/2023    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/21/2023    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/21/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 94.3 | 12/21/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 96.4 | 12/21/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/21/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120172            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120172-02         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/20/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/20/2023 3:22:00 PM |
| CLIENT SAMPLE ID | SW-N-5_24_20231220     | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 12/21/2023    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/21/2023    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/21/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 92.1 | 12/21/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 98.1 | 12/21/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/21/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120172            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120172-03         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/20/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/20/2023 3:30:00 PM |
| CLIENT SAMPLE ID | SW-S-5_12_20231220     | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 12/21/2023    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/21/2023    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/21/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 107  | 12/21/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 97.7 | 12/21/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/21/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120172            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120172-04         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/20/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/20/2023 3:33:00 PM |
| CLIENT SAMPLE ID | SW-S-5_24_20231220     | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 12/21/2023    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/21/2023    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/21/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 96.3 | 12/21/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 96.9 | 12/21/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/21/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120172            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120172-05         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/20/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/20/2023 3:20:00 PM |
| CLIENT SAMPLE ID | B-8_24_20231220        | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 12      | 3.0              | 1               | MG/KG | 12/21/2023    | MNC         |
| Benzene            | EPA-8260 | 45      | 5.0              | 1               | UG/KG | 12/21/2023    | DLC         |
| Toluene            | EPA-8260 | 2100    | 11               | 1               | UG/KG | 12/21/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | 43      | 10               | 1               | UG/KG | 12/21/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | 870     | 31               | 1               | UG/KG | 12/21/2023    | DLC         |
| o-Xylene           | EPA-8260 | 380     | 20               | 1               | UG/KG | 12/21/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 94.6 | 12/21/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 92.8 | 12/21/2023    | DLC         |
| Toluene-d8 | EPA-8260 | 98.8 | 12/21/2023    | DLC         |

Chromatogram indicates that it is likely that sample contains weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/21/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120172            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120172-06         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/20/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/20/2023 3:28:00 PM |
| CLIENT SAMPLE ID | B-9_24_20231220        | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 6.2     | 3.0              | 1               | MG/KG | 12/21/2023    | MNC         |
| Benzene            | EPA-8260 | 60      | 5.0              | 1               | UG/KG | 12/21/2023    | DLC         |
| Toluene            | EPA-8260 | 1600    | 16               | 1               | UG/KG | 12/21/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/21/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 101  | 12/21/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 98.4 | 12/21/2023    | DLC         |
| Toluene-d8 | EPA-8260 | 98.8 | 12/21/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.  
Chromatogram indicates that it is likely that sample contains highly weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |               |
|------------------|------------------------|---------------------|---------------|
| CLIENT:          | Antea Group            | DATE:               | 12/21/2023    |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120172    |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120172-07 |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/20/2023    |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/20/2023    |
| CLIENT SAMPLE ID | TB_20231220            | WDOE ACCREDITATION: | C601          |

**SAMPLE DATA RESULTS**

| ANALYTE      | METHOD   | RESULTS | REPORTING<br>LIMITS | DILUTION<br>FACTOR | UNITS | ANALYSIS<br>DATE | ANALYSIS<br>BY |
|--------------|----------|---------|---------------------|--------------------|-------|------------------|----------------|
| Benzene      | EPA-8260 | U       | 2.0                 | 1                  | UG/L  | 12/21/2023       | DLC            |
| Toluene      | EPA-8260 | U       | 2.0                 | 1                  | UG/L  | 12/21/2023       | DLC            |
| Ethylbenzene | EPA-8260 | U       | 2.0                 | 1                  | UG/L  | 12/21/2023       | DLC            |
| m,p-Xylene   | EPA-8260 | U       | 4.0                 | 1                  | UG/L  | 12/21/2023       | DLC            |
| o-Xylene     | EPA-8260 | U       | 2.0                 | 1                  | UG/L  | 12/21/2023       | DLC            |

| SURROGATE  | METHOD   | %REC | ANALYSIS<br>DATE | ANALYSIS<br>BY |
|------------|----------|------|------------------|----------------|
| Toluene-d8 | EPA-8260 | 99.5 | 12/21/2023       | DLC            |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                 |                        |                     |            |
|-----------------|------------------------|---------------------|------------|
| CLIENT:         | Antea Group            | DATE:               | 12/21/2023 |
|                 | 18378-B Redmond Way    | ALS SDG#:           | EV23120172 |
|                 | Redmond, WA 98052-5012 | WDOE ACCREDITATION: | C601       |
| CLIENT CONTACT: | Megan Richard          |                     |            |
| CLIENT PROJECT: | MP-46                  |                     |            |

**LABORATORY BLANK RESULTS**
**MBG-122023S - Batch 205123 - Soil by NWTPH-GX**

| ANALYTE            | METHOD   | RESULTS | UNITS | REPORTING LIMITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|-------|------------------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | MG/KG | 3.0              | 12/20/2023    | MNC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**MB-122023S - Batch 205133 - Soil by EPA-8260**

| ANALYTE      | METHOD   | RESULTS | UNITS | REPORTING LIMITS | ANALYSIS DATE | ANALYSIS BY |
|--------------|----------|---------|-------|------------------|---------------|-------------|
| Benzene      | EPA-8260 | U       | UG/KG | 5.0              | 12/20/2023    | DLC         |
| Toluene      | EPA-8260 | U       | UG/KG | 10               | 12/20/2023    | DLC         |
| Ethylbenzene | EPA-8260 | U       | UG/KG | 10               | 12/20/2023    | DLC         |
| m,p-Xylene   | EPA-8260 | U       | UG/KG | 20               | 12/20/2023    | DLC         |
| o-Xylene     | EPA-8260 | U       | UG/KG | 10               | 12/20/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**MB-121923W - Batch 205143 - Water by EPA-8260**

| ANALYTE      | METHOD   | RESULTS | UNITS | REPORTING LIMITS | ANALYSIS DATE | ANALYSIS BY |
|--------------|----------|---------|-------|------------------|---------------|-------------|
| Benzene      | EPA-8260 | U       | UG/L  | 2.0              | 12/21/2023    | DLC         |
| Toluene      | EPA-8260 | U       | UG/L  | 2.0              | 12/21/2023    | DLC         |
| Ethylbenzene | EPA-8260 | U       | UG/L  | 2.0              | 12/21/2023    | DLC         |
| m,p-Xylene   | EPA-8260 | U       | UG/L  | 4.0              | 12/21/2023    | DLC         |
| o-Xylene     | EPA-8260 | U       | UG/L  | 2.0              | 12/21/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.



## CERTIFICATE OF ANALYSIS

CLIENT: Antea Group  
18378-B Redmond Way  
Redmond, WA 98052-5012

CLIENT CONTACT: Megan Richard  
CLIENT PROJECT: MP-46

DATE: 12/21/2023  
ALS SDG#: EV23120172  
WDOE ACCREDITATION: C601

## LABORATORY CONTROL SAMPLE RESULTS

### ALS Test Batch ID: 205123 - Soil by NWTPH-GX

| SPIKED COMPOUND          | METHOD   | %REC | RPD | QUAL | LIMITS |       | ANALYSIS DATE | ANALYSIS BY |
|--------------------------|----------|------|-----|------|--------|-------|---------------|-------------|
|                          |          |      |     |      | MIN    | MAX   |               |             |
| TPH-Volatile Range - BS  | NWTPH-GX | 107  |     |      | 66.5   | 122.7 | 12/20/2023    | MNC         |
| TPH-Volatile Range - BSD | NWTPH-GX | 104  | 3   |      | 66.5   | 122.7 | 12/20/2023    | MNC         |

| SURROGATE | METHOD   | %REC | RPD | QUAL | LIMITS |     | ANALYSIS DATE | ANALYSIS BY |
|-----------|----------|------|-----|------|--------|-----|---------------|-------------|
|           |          |      |     |      | MIN    | MAX |               |             |
| TFT - BS  | NWTPH-GX | 8.08 |     | SQ6  | 60     | 140 | 12/20/2023    | MNC         |
| TFT - BSD | NWTPH-GX | 7.93 |     | SQ6  | 60     | 140 | 12/20/2023    | MNC         |

SQ6 - The LCS and/or LCSD recovery were outside of control limits. However, MS/MSD recovery was within control limits. No corrective action taken.

### ALS Test Batch ID: 205133 - Soil by EPA-8260

| SPIKED COMPOUND    | METHOD   | %REC | RPD | QUAL | LIMITS |       | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|------|-----|------|--------|-------|---------------|-------------|
|                    |          |      |     |      | MIN    | MAX   |               |             |
| Benzene - BS       | EPA-8260 | 94.9 |     |      | 75     | 138   | 12/20/2023    | DLC         |
| Benzene - BSD      | EPA-8260 | 98.2 | 3   |      | 75     | 138   | 12/20/2023    | DLC         |
| Toluene - BS       | EPA-8260 | 96.1 |     |      | 71.6   | 122.1 | 12/20/2023    | DLC         |
| Toluene - BSD      | EPA-8260 | 97.7 | 2   |      | 71.6   | 122.1 | 12/20/2023    | DLC         |
| Ethylbenzene - BS  | EPA-8260 | 98.6 |     |      | 50     | 150   | 12/20/2023    | DLC         |
| Ethylbenzene - BSD | EPA-8260 | 102  | 3   |      | 50     | 150   | 12/20/2023    | DLC         |
| m,p-Xylene - BS    | EPA-8260 | 96.4 |     |      | 50     | 150   | 12/20/2023    | DLC         |
| m,p-Xylene - BSD   | EPA-8260 | 100  | 4   |      | 50     | 150   | 12/20/2023    | DLC         |
| o-Xylene - BS      | EPA-8260 | 97.2 |     |      | 50     | 150   | 12/20/2023    | DLC         |
| o-Xylene - BSD     | EPA-8260 | 101  | 4   |      | 50     | 150   | 12/20/2023    | DLC         |

### ALS Test Batch ID: 205143 - Water by EPA-8260

| SPIKED COMPOUND    | METHOD   | %REC | RPD | QUAL | LIMITS |     | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|------|-----|------|--------|-----|---------------|-------------|
|                    |          |      |     |      | MIN    | MAX |               |             |
| Benzene - BS       | EPA-8260 | 98.2 |     |      | 74.7   | 143 | 12/21/2023    | DLC         |
| Benzene - BSD      | EPA-8260 | 88.1 | 11  |      | 74.7   | 143 | 12/21/2023    | DLC         |
| Toluene - BS       | EPA-8260 | 98.1 |     |      | 71.7   | 139 | 12/21/2023    | DLC         |
| Toluene - BSD      | EPA-8260 | 87.8 | 11  |      | 71.7   | 139 | 12/21/2023    | DLC         |
| Ethylbenzene - BS  | EPA-8260 | 98.9 |     |      | 50     | 150 | 12/21/2023    | DLC         |
| Ethylbenzene - BSD | EPA-8260 | 89.7 | 10  |      | 50     | 150 | 12/21/2023    | DLC         |
| m,p-Xylene - BS    | EPA-8260 | 97.8 |     |      | 50     | 150 | 12/21/2023    | DLC         |
| m,p-Xylene - BSD   | EPA-8260 | 88.0 | 10  |      | 50     | 150 | 12/21/2023    | DLC         |
| o-Xylene - BS      | EPA-8260 | 98.3 |     |      | 50     | 150 | 12/21/2023    | DLC         |
| o-Xylene - BSD     | EPA-8260 | 89.4 | 9   |      | 50     | 150 | 12/21/2023    | DLC         |

## CERTIFICATE OF ANALYSIS

APPROVED BY

Rob Greer  
Laboratory Director



**ALS Environmental**  
8620 Holly Drive, Suite 100  
Everett, WA 98208  
Phone (425) 356-2600  
Fax (425) 356-2626  
http://www.alsglobal.com

# Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only)

**EV23120172**

Date \_\_\_\_\_ Page \_\_\_\_\_ Of \_\_\_\_\_

|                                                         |          |          |                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |   |   |  |  |  |  |  |  |  |  |  |  |  |                                   |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |          |        |             |                        |                      |                             |     |             |                        |                      |                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------------------------------------|----------|----------|------------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---|---|--|--|--|--|--|--|--|--|--|--|--|-----------------------------------|----------------------------------------|-----------------------------------|------------------------------|--------------------------------------------|--------------------------------------------------------|----------------------------------------|-----------------------------------|------------------------------|--------------------------------------------|--------------------------------------------------------|-----------------|------------------------|----------|--------|-------------|------------------------|----------------------|-----------------------------|-----|-------------|------------------------|----------------------|-----------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| PROJECT ID: <b>MP-46</b>                                |          |          |                  |                  | ANALYSIS REQUESTED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |   |   |  |  |  |  |  |  |  |  |  |  |  | OTHER (Specify)                   |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |          |        |             |                        |                      |                             |     |             |                        |                      |                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| REPORT TO COMPANY: <b>Antea Group</b>                   |          |          |                  |                  | <table border="1"> <tr> <td>NWTPH-HCID</td> <td>NWTPH-DX</td> <td>NWTPH-GX</td> <td>BTEX by EPA 8021</td> <td>MTBE by EPA 8021</td> <td>Halogenated Volatiles by EPA 8260</td> <td>Volatile Organic Compounds by EPA 8260</td> <td>EDB / EDC by EPA 8260 SIM (water)</td> <td>EDB / EDC by EPA 8260 (soil)</td> <td>Semivolatile Organic Compounds by EPA 8270</td> <td>Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM</td> <td>PCB by EPA 8082</td> <td>Pesticides by EPA 8081</td> <td>TAL</td> <td>RCFA-8</td> <td>Phi Pol</td> <td>Herbs</td> <td>Pest</td> <td>Semi-Vol</td> <td>VOA</td> <td>TCLP-Metals</td> <td>Metals Other (Specify)</td> <td>NUMBER OF CONTAINERS</td> <td>RECEIVED IN GOOD CONDITION?</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> |  |   |   |  |  |  |  |  |  |  |  |  |  |  | NWTPH-HCID                        | NWTPH-DX                               | NWTPH-GX                          | BTEX by EPA 8021             | MTBE by EPA 8021                           | Halogenated Volatiles by EPA 8260                      | Volatile Organic Compounds by EPA 8260 | EDB / EDC by EPA 8260 SIM (water) | EDB / EDC by EPA 8260 (soil) | Semivolatile Organic Compounds by EPA 8270 | Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM | PCB by EPA 8082 | Pesticides by EPA 8081 | TAL      | RCFA-8 | Phi Pol     | Herbs                  | Pest                 | Semi-Vol                    | VOA | TCLP-Metals | Metals Other (Specify) | NUMBER OF CONTAINERS | RECEIVED IN GOOD CONDITION? |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| NWTPH-HCID                                              | NWTPH-DX | NWTPH-GX | BTEX by EPA 8021 | MTBE by EPA 8021 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |   |   |  |  |  |  |  |  |  |  |  |  |  | Halogenated Volatiles by EPA 8260 | Volatile Organic Compounds by EPA 8260 | EDB / EDC by EPA 8260 SIM (water) | EDB / EDC by EPA 8260 (soil) | Semivolatile Organic Compounds by EPA 8270 | Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM | PCB by EPA 8082                        | Pesticides by EPA 8081            | TAL                          | RCFA-8                                     | Phi Pol                                                | Herbs           | Pest                   | Semi-Vol | VOA    | TCLP-Metals | Metals Other (Specify) | NUMBER OF CONTAINERS | RECEIVED IN GOOD CONDITION? |     |             |                        |                      |                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                         |          |          |                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |   |   |  |  |  |  |  |  |  |  |  |  |  |                                   |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |          |        |             |                        |                      |                             |     |             |                        |                      |                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| PROJECT MANAGER: <b>Megan Richard</b>                   |          |          |                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |   |   |  |  |  |  |  |  |  |  |  |  |  |                                   |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |          |        |             |                        |                      |                             |     |             |                        |                      |                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ADDRESS: <b>18372-B Redmond Way</b>                     |          |          |                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |   |   |  |  |  |  |  |  |  |  |  |  |  |                                   |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |          |        |             |                        |                      |                             |     |             |                        |                      |                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Redmond, WA                                             |          |          |                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |   |   |  |  |  |  |  |  |  |  |  |  |  |                                   |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |          |        |             |                        |                      |                             |     |             |                        |                      |                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| PHONE: <b>206-854-0344</b>                              |          |          |                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |   |   |  |  |  |  |  |  |  |  |  |  |  |                                   |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |          |        |             |                        |                      |                             |     |             |                        |                      |                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| E-MAIL: <b>Megan.Richard@AnteaGroup.US</b>              |          |          |                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |   |   |  |  |  |  |  |  |  |  |  |  |  |                                   |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |          |        |             |                        |                      |                             |     |             |                        |                      |                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| INVOICE TO COMPANY: <b>Same as above</b>                |          |          |                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |   |   |  |  |  |  |  |  |  |  |  |  |  |                                   |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |          |        |             |                        |                      |                             |     |             |                        |                      |                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ATTENTION: <b>Digital Solutions-EQUIP-AnteaGroup-US</b> |          |          |                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |   |   |  |  |  |  |  |  |  |  |  |  |  |                                   |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |          |        |             |                        |                      |                             |     |             |                        |                      |                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ADDRESS: <b>Same as above</b>                           |          |          |                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |   |   |  |  |  |  |  |  |  |  |  |  |  |                                   |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |          |        |             |                        |                      |                             |     |             |                        |                      |                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SAMPLE I.D.                                             | DATE     | TIME     | TYPE             | LAB#             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |   |   |  |  |  |  |  |  |  |  |  |  |  |                                   |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |          |        |             |                        |                      |                             |     |             |                        |                      |                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1. SW-N-5-12-20231220                                   | 12/20/23 | 1515     | Soil             | 1                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | X | X |  |  |  |  |  |  |  |  |  |  |  |                                   |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |          |        |             |                        |                      |                             |     |             |                        |                      |                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2. SW-N-5-24-20231220                                   | 12/20/23 | 1522     | ↓                | 2                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | X | X |  |  |  |  |  |  |  |  |  |  |  |                                   |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |          |        |             |                        |                      |                             |     |             |                        |                      |                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3. SW-S-5-12-20231220                                   | ↓        | 1530     |                  | 3                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | X | X |  |  |  |  |  |  |  |  |  |  |  |                                   |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |          |        |             |                        |                      |                             |     |             |                        |                      |                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4. SW-S-5-24-20231220                                   | ↓        | 1533     |                  | 4                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | X | X |  |  |  |  |  |  |  |  |  |  |  |                                   |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |          |        |             |                        |                      |                             |     |             |                        |                      |                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5. B-8-24-20231220                                      | ↓        | 1520     |                  | 5                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | X | X |  |  |  |  |  |  |  |  |  |  |  |                                   |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |          |        |             |                        |                      |                             |     |             |                        |                      |                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6. B-A-24-20231220                                      |          | 1528     |                  | 6                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | X | X |  |  |  |  |  |  |  |  |  |  |  |                                   |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |          |        |             |                        |                      |                             |     |             |                        |                      |                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7. TD-20231220                                          |          | 0000     | Water            | 7                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |   | X |  |  |  |  |  |  |  |  |  |  |  |                                   |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |          |        |             |                        |                      |                             |     |             |                        |                      |                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8.                                                      |          |          |                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |   |   |  |  |  |  |  |  |  |  |  |  |  |                                   |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |          |        |             |                        |                      |                             |     |             |                        |                      |                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9.                                                      |          |          |                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |   |   |  |  |  |  |  |  |  |  |  |  |  |                                   |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |          |        |             |                        |                      |                             |     |             |                        |                      |                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10.                                                     |          |          |                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |   |   |  |  |  |  |  |  |  |  |  |  |  |                                   |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |          |        |             |                        |                      |                             |     |             |                        |                      |                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

## SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

- Relinquished By: Colin Dechenne, Antea Group, 12/20/23, 1800  
Received By: [Signature] ALS 12/20/23 1800
- Relinquished By: \_\_\_\_\_  
Received By: \_\_\_\_\_

TURNAROUND REQUESTED in Business Days\*  
Organic, Metals & Inorganic Analysis OTHER:

|                              |   |   |          |   |          |
|------------------------------|---|---|----------|---|----------|
| 10                           | 5 | 3 | 2        | 1 | SAME DAY |
| Fuels & Hydrocarbon Analysis |   |   |          |   |          |
| 5                            | 3 | 1 | SAME DAY |   |          |
| Standard                     |   |   |          |   |          |

Specify: 24 hr  
ASAP

\*Turnaround request less than standard may incur Rush Charges

# ALS ENVIRONMENTAL

## Sample Receiving Checklist

Client: Artea ALS Job#: CV2312072

Project: MP-46

Login Date: 12/20/23 Login Time: 1800 Login By: CM

Type of Shipping Container: Cooler ☒ Box ☐ Other ☐

Shipped via: FedEx Ground ☐ UPS ☐ Courier ☐ Hand Delivered ☐ ALS Courier ☒  
FedEx Express ☐

Yes No N/A

Were custody seals on outside of shipping container? ☐ ☒ ☐  
If yes, how many?            Where?             
Custody seal date:            Seal name:           

Was Chain of Custody properly filled out (ink, signed, dated, etc.)? ☒ ☐ ☐

Did all bottles have labels? ☒ ☐ ☐

Did all bottle labels and tags agree with Chain of Custody? ☒ ☐ ☐

Were samples received within hold time? ☒ ☐ ☐

Did all bottles arrive in good condition (unbroken, etc.)? ☒ ☐ ☐

Was sufficient amount of sample sent for the tests indicated? ☒ ☐ ☐

Was correct preservation added to samples? ☒ ☐ ☐

Subcontract test containers added to Subcontract Bin? ☐ ☐ ☒

Wetchem test containers marked with required Tests? ☐ ☐ ☒

Short hold time test containers delivered to analysts? ☐ ☐ ☒

Were VOA vials checked for absence of air bubbles? ☐ ☐ ☒

Bubbles present in sample #:           

5035A kits received? 6 # Low Kits:            # High Kits:            ☒ ☐ ☐

5035A kits returned? # Low Kits:            # High Kits:            ☐ ☐ ☐

Temperature of cooler upon receipt: 1.4C On ice? ☒ ☐ ☐

Explain any discrepancies:

Was client contacted?            Who was called?            By whom?            Date:           

Outcome of call:



December 21, 2023

Ms. Megan Richard  
Antea Group  
18378-B Redmond Way  
Redmond, WA 98052-5012

Dear Ms. Richard,

On December 20th, 9 samples were received by our laboratory and assigned our laboratory project number EV23120171. The project was identified as your MP-46. The sample identification and requested analyses are outlined on the attached chain of custody record.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Rob Greer  
Laboratory Director



CLIENT: Antea Group  
18378-B Redmond Way  
Redmond, WA 98052-5012

CLIENT CONTACT: Megan Richard

CLIENT PROJECT: MP-46

DATE: 12/21/2023  
ALS JOB#: EV23120171  
WDOE ACCREDITATION: C601

#### CASE NARRATIVE

TPH-Gasoline by NWTPH-Gx

Batch 205123, Method NWTPH-GX, Sample BGD-122023S, Surrogate TFT: The LCS and/or LCSD recovery were outside of control limits. However, MS/MSD recovery was within control limits. No corrective action taken.

TPH-Gasoline by NWTPH-Gx

Batch 205123, Method NWTPH-GX, Sample BG-122023S, Surrogate TFT: The LCS and/or LCSD recovery were outside of control limits. However, MS/MSD recovery was within control limits. No corrective action taken.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                        |
|------------------|------------------------|---------------------|------------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/21/2023             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120171             |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120171-01          |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/20/2023             |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/20/2023 10:25:00 AM |
| CLIENT SAMPLE ID | SW-S-3_12_20231220     | WDOE ACCREDITATION: | C601                   |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 12/20/2023    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/20/2023    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 12/20/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/20/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/20/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/20/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 95.8 | 12/20/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 100  | 12/20/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                                                              |                     |                        |
|------------------|--------------------------------------------------------------|---------------------|------------------------|
| CLIENT:          | Antea Group<br>18378-B Redmond Way<br>Redmond, WA 98052-5012 | DATE:               | 12/21/2023             |
|                  |                                                              | ALS JOB#:           | EV23120171             |
| CLIENT CONTACT:  | Megan Richard                                                | ALS SAMPLE#:        | EV23120171-02          |
| CLIENT PROJECT:  | MP-46                                                        | DATE RECEIVED:      | 12/20/2023             |
| CLIENT SAMPLE ID | SW-S-3_24_20231220                                           | COLLECTION DATE:    | 12/20/2023 10:45:00 AM |
|                  |                                                              | WDOE ACCREDITATION: | C601                   |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 12/20/2023    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/20/2023    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 12/20/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/20/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/20/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/20/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 116  | 12/20/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 96.6 | 12/20/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/21/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120171            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120171-03         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/20/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/20/2023 1:30:00 PM |
| CLIENT SAMPLE ID | SW-S-4_12_20231220     | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 12/20/2023    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/21/2023    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/21/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 98.2 | 12/20/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 97.5 | 12/21/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/21/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120171            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120171-04         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/20/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/20/2023 1:40:00 PM |
| CLIENT SAMPLE ID | SW-S-4_24_20231220     | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 12/21/2023    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/21/2023    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/21/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 95.1 | 12/21/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 95.9 | 12/21/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/21/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120171            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120171-05         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/20/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/20/2023 1:52:00 PM |
| CLIENT SAMPLE ID | SW-N-4_12_20231220     | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 12/21/2023    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/21/2023    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/21/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 104  | 12/21/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 96.5 | 12/21/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/21/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120171            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120171-06         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/20/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/20/2023 2:00:00 PM |
| CLIENT SAMPLE ID | SW-N-4_24_20231220     | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 12/21/2023    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/21/2023    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/21/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 95.5 | 12/21/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 95.4 | 12/21/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                        |
|------------------|------------------------|---------------------|------------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/21/2023             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120171             |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120171-07          |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/20/2023             |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/20/2023 10:30:00 AM |
| CLIENT SAMPLE ID | B-5_24_20231220        | WDOE ACCREDITATION: | C601                   |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 4.1     | 3.0              | 1               | MG/KG | 12/21/2023    | MNC         |
| Benzene            | EPA-8260 | 26      | 5.0              | 1               | UG/KG | 12/21/2023    | DLC         |
| Toluene            | EPA-8260 | 55      | 10               | 1               | UG/KG | 12/21/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/21/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 118  | 12/21/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 97.3 | 12/21/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.  
Chromatogram indicates that it is likely that sample contains highly weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/21/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120171            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120171-08         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/20/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/20/2023 1:50:00 PM |
| CLIENT SAMPLE ID | B-6_24_20231220        | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 9.4     | 3.0              | 1               | MG/KG | 12/21/2023    | MNC         |
| Benzene            | EPA-8260 | 40      | 5.0              | 1               | UG/KG | 12/21/2023    | DLC         |
| Toluene            | EPA-8260 | 1800    | 10               | 1               | UG/KG | 12/21/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | 22      | 10               | 1               | UG/KG | 12/21/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | 59      | 20               | 1               | UG/KG | 12/21/2023    | DLC         |
| o-Xylene           | EPA-8260 | 53      | 10               | 1               | UG/KG | 12/21/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 95.6 | 12/21/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 96.4 | 12/21/2023    | DLC         |
| Toluene-d8 | EPA-8260 | 98.7 | 12/21/2023    | DLC         |

Chromatogram indicates that it is likely that sample contains weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/21/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120171            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120171-09         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/20/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/20/2023 1:51:00 PM |
| CLIENT SAMPLE ID | B-7_24_20231220        | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 12/21/2023    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/21/2023    | DLC         |
| Toluene            | EPA-8260 | 10      | 10               | 1               | UG/KG | 12/21/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/21/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/21/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 93.1 | 12/21/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 94.4 | 12/21/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                 |                                                              |                                                                      |
|-----------------|--------------------------------------------------------------|----------------------------------------------------------------------|
| CLIENT:         | Antea Group<br>18378-B Redmond Way<br>Redmond, WA 98052-5012 | DATE: 12/21/2023<br>ALS SDG#: EV23120171<br>WDOE ACCREDITATION: C601 |
| CLIENT CONTACT: | Megan Richard                                                |                                                                      |
| CLIENT PROJECT: | MP-46                                                        |                                                                      |

**LABORATORY BLANK RESULTS**
**MBG-122023S - Batch 205123 - Soil by NWTPH-GX**

| ANALYTE            | METHOD   | RESULTS | UNITS | REPORTING LIMITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|-------|------------------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | MG/KG | 3.0              | 12/20/2023    | MNC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**MB-122023S - Batch 205133 - Soil by EPA-8260**

| ANALYTE      | METHOD   | RESULTS | UNITS | REPORTING LIMITS | ANALYSIS DATE | ANALYSIS BY |
|--------------|----------|---------|-------|------------------|---------------|-------------|
| Benzene      | EPA-8260 | U       | UG/KG | 5.0              | 12/20/2023    | DLC         |
| Toluene      | EPA-8260 | U       | UG/KG | 10               | 12/20/2023    | DLC         |
| Ethylbenzene | EPA-8260 | U       | UG/KG | 10               | 12/20/2023    | DLC         |
| m,p-Xylene   | EPA-8260 | U       | UG/KG | 20               | 12/20/2023    | DLC         |
| o-Xylene     | EPA-8260 | U       | UG/KG | 10               | 12/20/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                 |                        |                     |            |
|-----------------|------------------------|---------------------|------------|
| CLIENT:         | Antea Group            | DATE:               | 12/21/2023 |
|                 | 18378-B Redmond Way    | ALS SDG#:           | EV23120171 |
|                 | Redmond, WA 98052-5012 | WDOE ACCREDITATION: | C601       |
| CLIENT CONTACT: | Megan Richard          |                     |            |
| CLIENT PROJECT: | MP-46                  |                     |            |

**LABORATORY CONTROL SAMPLE RESULTS**
**ALS Test Batch ID: 205123 - Soil by NWTPH-GX**

| SPIKED COMPOUND          | METHOD   | %REC | RPD | QUAL | LIMITS |       | ANALYSIS DATE | ANALYSIS BY |
|--------------------------|----------|------|-----|------|--------|-------|---------------|-------------|
|                          |          |      |     |      | MIN    | MAX   |               |             |
| TPH-Volatile Range - BS  | NWTPH-GX | 107  |     |      | 66.5   | 122.7 | 12/20/2023    | MNC         |
| TPH-Volatile Range - BSD | NWTPH-GX | 104  | 3   |      | 66.5   | 122.7 | 12/20/2023    | MNC         |

| SURROGATE | METHOD   | %REC | RPD | QUAL | LIMITS |     | ANALYSIS DATE | ANALYSIS BY |
|-----------|----------|------|-----|------|--------|-----|---------------|-------------|
|           |          |      |     |      | MIN    | MAX |               |             |
| TFT - BS  | NWTPH-GX | 8.08 |     | SQ6  | 60     | 140 | 12/20/2023    | MNC         |
| TFT - BSD | NWTPH-GX | 7.93 |     | SQ6  | 60     | 140 | 12/20/2023    | MNC         |

SQ6 - The LCS and/or LCSD recovery were outside of control limits. However, MS/MSD recovery was within control limits. No corrective action taken.

**ALS Test Batch ID: 205133 - Soil by EPA-8260**

| SPIKED COMPOUND    | METHOD   | %REC | RPD | QUAL | LIMITS |       | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|------|-----|------|--------|-------|---------------|-------------|
|                    |          |      |     |      | MIN    | MAX   |               |             |
| Benzene - BS       | EPA-8260 | 94.9 |     |      | 75     | 138   | 12/20/2023    | DLC         |
| Benzene - BSD      | EPA-8260 | 98.2 | 3   |      | 75     | 138   | 12/20/2023    | DLC         |
| Toluene - BS       | EPA-8260 | 96.1 |     |      | 71.6   | 122.1 | 12/20/2023    | DLC         |
| Toluene - BSD      | EPA-8260 | 97.7 | 2   |      | 71.6   | 122.1 | 12/20/2023    | DLC         |
| Ethylbenzene - BS  | EPA-8260 | 98.6 |     |      | 50     | 150   | 12/20/2023    | DLC         |
| Ethylbenzene - BSD | EPA-8260 | 102  | 3   |      | 50     | 150   | 12/20/2023    | DLC         |
| m,p-Xylene - BS    | EPA-8260 | 96.4 |     |      | 50     | 150   | 12/20/2023    | DLC         |
| m,p-Xylene - BSD   | EPA-8260 | 100  | 4   |      | 50     | 150   | 12/20/2023    | DLC         |
| o-Xylene - BS      | EPA-8260 | 97.2 |     |      | 50     | 150   | 12/20/2023    | DLC         |
| o-Xylene - BSD     | EPA-8260 | 101  | 4   |      | 50     | 150   | 12/20/2023    | DLC         |

**CERTIFICATE OF ANALYSIS**

**CLIENT:** Antea Group  
 18378-B Redmond Way  
 Redmond, WA 98052-5012  
**CLIENT CONTACT:** Megan Richard  
**CLIENT PROJECT:** MP-46

**DATE:** 12/21/2023  
**ALS SDG#:** EV23120171  
**WDOE ACCREDITATION:** C601

**MATRIX SPIKE RESULTS**
**ALS Test Batch ID: 205123 - Soil**
**Parent Sample:** SW-S-3\_12\_20231220

| SPIKED COMPOUND          | METHOD   | %REC | RPD | QUAL | SPIKE<br>ADDED | PARENT<br>SAMPLE<br>RESULT | CALC<br>RESULT* | MIN  | MAX   | RPD | ANALYSIS<br>DATE | ANALYSIS BY |
|--------------------------|----------|------|-----|------|----------------|----------------------------|-----------------|------|-------|-----|------------------|-------------|
| TPH-Volatile Range - MS  | NWTPH-GX | 88.7 |     |      | 19.3           | 1.0                        | 17.1            | 66.5 | 122.7 |     | 12/20/2023       | MNC         |
| TPH-Volatile Range - MSD | NWTPH-GX | 109  | 19  | SR1  | 19.3           | 1.0                        | 21.0 SR1        | 66.5 | 122.7 | 15  | 12/20/2023       | MNC         |

SR1 - RPD outside of control limits.

\*Calc Result = (Sample Result - Parent Sample Result)

APPROVED BY



 Rob Greer  
 Laboratory Director



ALS Environmental  
8620 Holly Drive, Suite 100  
Everett, WA 98208  
Phone (425) 356-2600  
Fax (425) 356-2626  
http://www.alsglobal.com

# Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only)

EV23120171

Date 12/20/2023 Page 1 Of 1

|                                                   |          |      |      |      |                    |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |        |                 |                        |     |          |      |       |             |                      |                             |
|---------------------------------------------------|----------|------|------|------|--------------------|----------|----------|------------------|------------------|-----------------------------------|----------------------------------------|-----------------------------------|------------------------------|--------------------------------------------|--------------------------------------------------------|-----------------|------------------------|-----|--------|-----------------|------------------------|-----|----------|------|-------|-------------|----------------------|-----------------------------|
| PROJECT ID: MP-46                                 |          |      |      |      | ANALYSIS REQUESTED |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |        | OTHER (Specify) |                        |     |          |      |       |             |                      |                             |
| REPORT TO COMPANY: Antea Group                    |          |      |      |      | NWTPH-HCID         | NWTPH-DX | NWTPH-GX | BTEX by EPA 8021 | MTBE by EPA 8021 | Halogenated Volatiles by EPA 8260 | Volatile Organic Compounds by EPA 8260 | EDB / EDC by EPA 8260 SIM (water) | EDB / EDC by EPA 8260 (soil) | Semivolatile Organic Compounds by EPA 8270 | Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM | PCB by EPA 8082 | Pesticides by EPA 8081 | TAL | RCRA-8 | Ph Pol          | Metals Other (Specify) | VOA | Semi-Vol | Pest | Herbs | TCLP-Metals | NUMBER OF CONTAINERS | RECEIVED IN GOOD CONDITION? |
| PROJECT MANAGER: Megan Richard                    |          |      |      |      |                    |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |        |                 |                        |     |          |      |       |             |                      |                             |
| ADDRESS: 18378 - B Redmont Way                    |          |      |      |      |                    |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |        |                 |                        |     |          |      |       |             |                      |                             |
| Redmont, WA                                       |          |      |      |      |                    |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |        |                 |                        |     |          |      |       |             |                      |                             |
| PHONE: 206-854-0344 P.O. #:                       |          |      |      |      |                    |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |        |                 |                        |     |          |      |       |             |                      |                             |
| E-MAIL: Megan.Richard@Anteagroup.us               |          |      |      |      |                    |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |        |                 |                        |     |          |      |       |             |                      |                             |
| INVOICE TO COMPANY: Same as above                 |          |      |      |      |                    |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |        |                 |                        |     |          |      |       |             |                      |                             |
| ATTENTION: Digital Solutions, EQUIS@Anteagroup.us |          |      |      |      |                    |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |        |                 |                        |     |          |      |       |             |                      |                             |
| ADDRESS: Same as above                            |          |      |      |      |                    |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |        |                 |                        |     |          |      |       |             |                      |                             |
| SAMPLE I.D.                                       | DATE     | TIME | TYPE | LAB# |                    |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |        |                 |                        |     |          |      |       |             |                      |                             |
| 1. SW-5-3-12-2023                                 | 12/20/23 | 1025 | Soil | 1    |                    |          | X        | X                |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |        |                 |                        |     |          |      |       |             |                      |                             |
| 2. SW-5-3-24-2023                                 | 12/20    | 1045 |      | 2    |                    |          | X        | X                |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |        |                 |                        |     |          |      |       |             |                      |                             |
| 3. SW-5-4-12-2023                                 | 12/20    | 1330 |      | 3    |                    |          | X        | X                |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |        |                 |                        |     |          |      |       |             |                      |                             |
| 4. SW-5-4-24-2023                                 | 12/20    | 1340 |      | 4    |                    |          | X        | X                |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |        |                 |                        |     |          |      |       |             |                      |                             |
| 5. SW-N-4-12-2023                                 | 12/20/23 | 1352 |      | 5    |                    |          | X        | X                |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |        |                 |                        |     |          |      |       |             |                      |                             |
| 6. SW-N-4-24-2023                                 | 12/20    | 1400 |      | 6    |                    |          | X        | X                |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |        |                 |                        |     |          |      |       |             |                      |                             |
| 7. B-5-24-2023                                    | 12/20    | 1030 |      | 7    |                    |          | X        | X                |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |        |                 |                        |     |          |      |       |             |                      |                             |
| 8. B-6-24-2023                                    | 12/20    | 1350 |      | 8    |                    |          | X        | X                |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |        |                 |                        |     |          |      |       |             |                      |                             |
| 9. B-7-24-2023                                    | 12/20    | 1351 |      | 9    |                    |          | X        | X                |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |        |                 |                        |     |          |      |       |             |                      |                             |
| 10.                                               |          |      |      |      |                    |          |          |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |     |        |                 |                        |     |          |      |       |             |                      |                             |

## SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Colin Dechem, Antea Group, 12/20/23 1500

Received By: AFRESE, ALS, AFRESE @1500

2. Relinquished By:

Received By:

TURNAROUND REQUESTED in Business Days\* (24 hrs)  
Organic, Metals & Inorganic Analysis OTHER:

10 5 3 2 1 SAME DAY

Fuels & Hydrocarbon Analysis

5 3 1 SAME DAY

Specify: \_\_\_\_\_

\*Turnaround request less than standard may incur Rush Charges

# ALS ENVIRONMENTAL

## Sample Receiving Checklist

Client: Antea Grove ALS Job#: Ev23120171

Project: MP-46

Login Date: 12-20-23 Login Time: 15:00 Login By: MH

Type of Shipping Container: Cooler ☒ Box ☐ Other ☐

Shipped via: FedEx Ground ☐ UPS ☐ Courier ☐ Hand Delivered ☐ ALS Courier ☒  
FedEx Express ☐

|                                                                      | Yes                                 | No                                  | N/A                                 |
|----------------------------------------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Were custody seals on outside of shipping container?                 |                                     | <input checked="" type="checkbox"/> |                                     |
| If yes, how many? _____ Where? _____                                 |                                     |                                     |                                     |
| Custody seal date: _____ Seal name: _____                            |                                     |                                     |                                     |
| Was Chain of Custody properly filled out (ink, signed, dated, etc.)? | <input checked="" type="checkbox"/> |                                     |                                     |
| Did all bottles have labels?                                         | <input checked="" type="checkbox"/> |                                     |                                     |
| Did all bottle labels and tags agree with Chain of Custody?          | <input checked="" type="checkbox"/> |                                     |                                     |
| Were samples received within hold time?                              | <input checked="" type="checkbox"/> |                                     |                                     |
| Did all bottles arrive in good condition (unbroken, etc.)?           | <input checked="" type="checkbox"/> |                                     |                                     |
| Was sufficient amount of sample sent for the tests indicated?        | <input checked="" type="checkbox"/> |                                     |                                     |
| Was correct preservation added to samples?                           | <input checked="" type="checkbox"/> |                                     |                                     |
| Subcontract test containers added to Subcontract Bin?                |                                     |                                     | <input checked="" type="checkbox"/> |
| Wetchem test containers marked with required Tests?                  |                                     |                                     | <input checked="" type="checkbox"/> |
| Short hold time test containers delivered to analysts?               | <input checked="" type="checkbox"/> |                                     |                                     |
| Were VOA vials checked for absence of air bubbles?                   |                                     |                                     | <input checked="" type="checkbox"/> |
| Bubbles present in sample #: _____                                   |                                     |                                     |                                     |

5035A kits received? 9 # Low Kits: 9 # High Kits: \_\_\_\_\_

5035A kits returned? # Low Kits: \_\_\_\_\_ # High Kits: \_\_\_\_\_

Temperature of cooler upon receipt: 7.0°C On ice? ☒

Explain any discrepancies:

Was client contacted? \_\_\_\_\_ Who was called? \_\_\_\_\_ By whom? \_\_\_\_\_ Date: \_\_\_\_\_

Outcome of call:



December 21, 2023

Ms. Megan Richard  
Antea Group  
18378-B Redmond Way  
Redmond, WA 98052-5012

Dear Ms. Richard,

On December 19th, 21 samples were received by our laboratory and assigned our laboratory project number EV23120155. The project was identified as your MP-46. The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Rob Greer  
Laboratory Director

**CERTIFICATE OF ANALYSIS**

|                  |                                                              |                     |                       |
|------------------|--------------------------------------------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group<br>18378-B Redmond Way<br>Redmond, WA 98052-5012 | DATE:               | 12/21/2023            |
|                  |                                                              | ALS JOB#:           | EV23120155            |
|                  |                                                              | ALS SAMPLE#:        | EV23120155-01         |
| CLIENT CONTACT:  | Megan Richard                                                | DATE RECEIVED:      | 12/19/2023            |
| CLIENT PROJECT:  | MP-46                                                        | COLLECTION DATE:    | 12/19/2023 1:30:00 PM |
| CLIENT SAMPLE ID | B-1_24_20231219                                              | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING<br>LIMITS | DILUTION<br>FACTOR | UNITS | ANALYSIS<br>DATE | ANALYSIS<br>BY |
|--------------------|----------|---------|---------------------|--------------------|-------|------------------|----------------|
| TPH-Volatile Range | NWTPH-GX | 17      | 3.0                 | 1                  | MG/KG | 12/19/2023       | MNC            |
| Benzene            | EPA-8260 | U       | 5.0                 | 1                  | UG/KG | 12/20/2023       | DLC            |
| Toluene            | EPA-8260 | U       | 10                  | 1                  | UG/KG | 12/20/2023       | DLC            |
| Ethylbenzene       | EPA-8260 | U       | 10                  | 1                  | UG/KG | 12/20/2023       | DLC            |
| m,p-Xylene         | EPA-8260 | U       | 20                  | 1                  | UG/KG | 12/20/2023       | DLC            |
| o-Xylene           | EPA-8260 | U       | 10                  | 1                  | UG/KG | 12/20/2023       | DLC            |

| SURROGATE  | METHOD   | %REC | ANALYSIS<br>DATE | ANALYSIS<br>BY |
|------------|----------|------|------------------|----------------|
| TFT        | NWTPH-GX | 95.9 | 12/19/2023       | MNC            |
| Toluene-d8 | EPA-8260 | 98.7 | 12/20/2023       | DLC            |

U - Analyte analyzed for but not detected at level above reporting limit.  
Chromatogram indicates that it is likely that sample contains highly weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/21/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120155            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120155-02         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/19/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/19/2023 1:40:00 PM |
| CLIENT SAMPLE ID | SW-N-1_12_20231219     | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 110     | 30               | 10              | MG/KG | 12/20/2023    | MNC         |
| Benzene            | EPA-8260 | 1200    | 180              | 10              | UG/KG | 12/20/2023    | DLC         |
| Toluene            | EPA-8260 | 17000   | 100              | 10              | UG/KG | 12/20/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | 1400    | 150              | 10              | UG/KG | 12/20/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | 5900    | 290              | 10              | UG/KG | 12/20/2023    | DLC         |
| o-Xylene           | EPA-8260 | 2400    | 180              | 10              | UG/KG | 12/20/2023    | DLC         |

| SURROGATE               | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|-------------------------|----------|------|---------------|-------------|
| TFT 10X Dilution        | NWTPH-GX | 107  | 12/20/2023    | MNC         |
| Toluene-d8 10X Dilution | EPA-8260 | 98.3 | 12/20/2023    | DLC         |

Chromatogram indicates that it is likely that sample contains lightly weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/21/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120155            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120155-03         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/19/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/19/2023 3:30:00 PM |
| CLIENT SAMPLE ID | SW-N-1_24_20231219     | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 5.0              | 1               | MG/KG | 12/19/2023    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/20/2023    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 12/20/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/20/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/20/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/20/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 89.4 | 12/19/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 99.3 | 12/20/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.  
Gasoline range reporting limit raised due to semivolatile range product overlap.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/21/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120155            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120155-04         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/19/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/19/2023 2:40:00 PM |
| CLIENT SAMPLE ID | SW-S-1_12_20231219     | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 54      | 3.0              | 1               | MG/KG | 12/19/2023    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/20/2023    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 12/20/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/20/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/20/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/20/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 91.5 | 12/19/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 98.9 | 12/20/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.  
 Chromatogram indicates that it is likely that sample contains highly weathered gasoline.  
 Gasoline range product results biased high due to semivolatile range product overlap.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                        |
|------------------|------------------------|---------------------|------------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/21/2023             |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120155             |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120155-05          |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/19/2023             |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/19/2023 11:50:00 AM |
| CLIENT SAMPLE ID | SW-S-1_24_20231219     | WDOE ACCREDITATION: | C601                   |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 8.2     | 3.0              | 1               | MG/KG | 12/19/2023    | MNC         |
| Benzene            | EPA-8260 | 6.2     | 5.0              | 1               | UG/KG | 12/20/2023    | DLC         |
| Toluene            | EPA-8260 | 280     | 12               | 1               | UG/KG | 12/20/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | 12      | 10               | 1               | UG/KG | 12/20/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | 44      | 20               | 1               | UG/KG | 12/20/2023    | DLC         |
| o-Xylene           | EPA-8260 | 23      | 10               | 1               | UG/KG | 12/20/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 91.5 | 12/19/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 95.9 | 12/20/2023    | DLC         |
| Toluene-d8 | EPA-8260 | 97.9 | 12/20/2023    | DLC         |

Chromatogram indicates that it is likely that sample contains highly weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/21/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120155            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120155-06         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/19/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/19/2023 3:00:00 PM |
| CLIENT SAMPLE ID | B-2_24_20231219        | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 12/19/2023    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/20/2023    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 12/20/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/20/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/20/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/20/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 88.4 | 12/19/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 99.0 | 12/20/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/21/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120155            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120155-07         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/19/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/19/2023 1:50:00 PM |
| CLIENT SAMPLE ID | SW-N-2_12_20231219     | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 12/19/2023    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/20/2023    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 12/20/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/20/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/20/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/20/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 95.1 | 12/19/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 100  | 12/20/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/21/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120155            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120155-08         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/19/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/19/2023 2:30:00 PM |
| CLIENT SAMPLE ID | SW-N-2_24_20231219     | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 6.8     | 3.0              | 1               | MG/KG | 12/19/2023    | MNC         |
| Benzene            | EPA-8260 | 210     | 23               | 1               | UG/KG | 12/20/2023    | DLC         |
| Toluene            | EPA-8260 | 1700    | 14               | 1               | UG/KG | 12/20/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/20/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/20/2023    | DLC         |
| o-Xylene           | EPA-8260 | 11      | 10               | 1               | UG/KG | 12/20/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 84.6 | 12/19/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 98.4 | 12/20/2023    | DLC         |
| Toluene-d8 | EPA-8260 | 98.7 | 12/20/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.  
Chromatogram indicates that it is likely that sample contains highly weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/21/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120155            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120155-09         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/19/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/19/2023 2:15:00 PM |
| CLIENT SAMPLE ID | B-3_24_20231219        | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING<br>LIMITS | DILUTION<br>FACTOR | UNITS | ANALYSIS<br>DATE | ANALYSIS<br>BY |
|--------------------|----------|---------|---------------------|--------------------|-------|------------------|----------------|
| TPH-Volatile Range | NWTPH-GX | 24      | 3.0                 | 1                  | MG/KG | 12/19/2023       | MNC            |
| Benzene            | EPA-8260 | 550     | 18                  | 1                  | UG/KG | 12/20/2023       | DLC            |
| Toluene            | EPA-8260 | 5200    | 110                 | 10                 | UG/KG | 12/20/2023       | DLC            |
| Ethylbenzene       | EPA-8260 | 300     | 15                  | 1                  | UG/KG | 12/20/2023       | DLC            |
| m,p-Xylene         | EPA-8260 | 1000    | 30                  | 1                  | UG/KG | 12/20/2023       | DLC            |
| o-Xylene           | EPA-8260 | 480     | 19                  | 1                  | UG/KG | 12/20/2023       | DLC            |

| SURROGATE               | METHOD   | %REC | ANALYSIS<br>DATE | ANALYSIS<br>BY |
|-------------------------|----------|------|------------------|----------------|
| TFT                     | NWTPH-GX | 90.2 | 12/19/2023       | MNC            |
| Toluene-d8 10X Dilution | EPA-8260 | 98.7 | 12/20/2023       | DLC            |
| Toluene-d8              | EPA-8260 | 97.7 | 12/20/2023       | DLC            |

Chromatogram indicates that it is likely that sample contains lightly weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                         |                                                              |                            |                       |
|-------------------------|--------------------------------------------------------------|----------------------------|-----------------------|
| <b>CLIENT:</b>          | Antea Group<br>18378-B Redmond Way<br>Redmond, WA 98052-5012 | <b>DATE:</b>               | 12/21/2023            |
|                         |                                                              | <b>ALS JOB#:</b>           | EV23120155            |
|                         |                                                              | <b>ALS SAMPLE#:</b>        | EV23120155-10         |
| <b>CLIENT CONTACT:</b>  | Megan Richard                                                | <b>DATE RECEIVED:</b>      | 12/19/2023            |
| <b>CLIENT PROJECT:</b>  | MP-46                                                        | <b>COLLECTION DATE:</b>    | 12/19/2023 2:00:00 PM |
| <b>CLIENT SAMPLE ID</b> | SW-N-3_12_20231219                                           | <b>WDOE ACCREDITATION:</b> | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 13      | 3.0              | 1               | MG/KG | 12/19/2023    | MNC         |
| Benzene            | EPA-8260 | 24      | 5.0              | 1               | UG/KG | 12/20/2023    | DLC         |
| Toluene            | EPA-8260 | 2500    | 20               | 1               | UG/KG | 12/20/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | 24      | 10               | 1               | UG/KG | 12/20/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | 110     | 20               | 1               | UG/KG | 12/20/2023    | DLC         |
| o-Xylene           | EPA-8260 | 510     | 35               | 1               | UG/KG | 12/20/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 107  | 12/19/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 97.9 | 12/20/2023    | DLC         |
| Toluene-d8 | EPA-8260 | 98.8 | 12/20/2023    | DLC         |

Chromatogram indicates that it is likely that sample contains weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                                                              |                     |                       |
|------------------|--------------------------------------------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group<br>18378-B Redmond Way<br>Redmond, WA 98052-5012 | DATE:               | 12/21/2023            |
|                  |                                                              | ALS JOB#:           | EV23120155            |
|                  |                                                              | ALS SAMPLE#:        | EV23120155-11         |
| CLIENT CONTACT:  | Megan Richard                                                | DATE RECEIVED:      | 12/19/2023            |
| CLIENT PROJECT:  | MP-46                                                        | COLLECTION DATE:    | 12/19/2023 2:10:00 PM |
| CLIENT SAMPLE ID | SW-N-3_24_20231219                                           | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 17      | 3.0              | 1               | MG/KG | 12/20/2023    | MNC         |
| Benzene            | EPA-8260 | 230     | 30               | 1               | UG/KG | 12/20/2023    | DLC         |
| Toluene            | EPA-8260 | 3000    | 18               | 1               | UG/KG | 12/20/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | 170     | 25               | 1               | UG/KG | 12/20/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | 780     | 50               | 1               | UG/KG | 12/20/2023    | DLC         |
| o-Xylene           | EPA-8260 | 330     | 32               | 1               | UG/KG | 12/20/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 97.4 | 12/20/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 99.4 | 12/20/2023    | DLC         |

Chromatogram indicates that it is likely that sample contains weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/21/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120155            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120155-12         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/19/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/19/2023 2:50:00 PM |
| CLIENT SAMPLE ID | SW-E-1_12_20231219     | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 12/20/2023    | MNC         |
| Benzene            | EPA-8260 | 12      | 5.0              | 1               | UG/KG | 12/20/2023    | DLC         |
| Toluene            | EPA-8260 | 230     | 17               | 1               | UG/KG | 12/20/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/20/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | 21      | 20               | 1               | UG/KG | 12/20/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/20/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 100  | 12/20/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 99.6 | 12/20/2023    | DLC         |
| Toluene-d8 | EPA-8260 | 99.3 | 12/20/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/21/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120155            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120155-13         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/19/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/19/2023 2:50:00 PM |
| CLIENT SAMPLE ID | SW-E-1_24_20231219     | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 12/20/2023    | MNC         |
| Benzene            | EPA-8260 | 8.5     | 5.0              | 1               | UG/KG | 12/20/2023    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 12/20/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/20/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/20/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/20/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 96.6 | 12/20/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 99.1 | 12/20/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/21/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120155            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120155-14         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/19/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/19/2023 3:20:00 PM |
| CLIENT SAMPLE ID | SW-W-1_12_20231219     | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 6.6     | 3.0              | 1               | MG/KG | 12/20/2023    | MNC         |
| Benzene            | EPA-8260 | 1000    | 28               | 1               | UG/KG | 12/20/2023    | DLC         |
| Toluene            | EPA-8260 | 1700    | 17               | 1               | UG/KG | 12/20/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/20/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | 28      | 20               | 1               | UG/KG | 12/20/2023    | DLC         |
| o-Xylene           | EPA-8260 | 13      | 10               | 1               | UG/KG | 12/20/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 100  | 12/20/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 99.3 | 12/20/2023    | DLC         |
| Toluene-d8 | EPA-8260 | 99.3 | 12/20/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.  
Chromatogram indicates that it is likely that sample contains highly weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/21/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120155            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120155-15         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/19/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/19/2023 3:50:00 PM |
| CLIENT SAMPLE ID | SW-E-2_24_20231219     | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 12/20/2023    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/20/2023    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 12/20/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/20/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/20/2023    | DLC         |
| o-Xylene           | EPA-8260 | 27      | 10               | 1               | UG/KG | 12/20/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 81.7 | 12/20/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 97.4 | 12/20/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/21/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120155            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120155-16         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/19/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/19/2023 4:40:00 PM |
| CLIENT SAMPLE ID | SW-E-3_12_20231219     | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 44      | 3.0              | 1               | MG/KG | 12/20/2023    | MNC         |
| Benzene            | EPA-8260 | 6.8     | 5.0              | 1               | UG/KG | 12/19/2023    | DLC         |
| Toluene            | EPA-8260 | 3500    | 13               | 1               | UG/KG | 12/20/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | 390     | 18               | 1               | UG/KG | 12/20/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | 2800    | 36               | 1               | UG/KG | 12/20/2023    | DLC         |
| o-Xylene           | EPA-8260 | 1300    | 23               | 1               | UG/KG | 12/20/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 107  | 12/20/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 107  | 12/19/2023    | DLC         |
| Toluene-d8 | EPA-8260 | 96.3 | 12/20/2023    | DLC         |

Chromatogram indicates that it is likely that sample contains weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/21/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120155            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120155-17         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/19/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/19/2023 5:00:00 PM |
| CLIENT SAMPLE ID | SW-S-2_12_20231219     | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 12/20/2023    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/19/2023    | DLC         |
| Toluene            | EPA-8260 | 17      | 10               | 1               | UG/KG | 12/19/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/19/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/19/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/19/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 98.4 | 12/20/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 99.5 | 12/19/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/21/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120155            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120155-18         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/19/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/19/2023 3:50:00 PM |
| CLIENT SAMPLE ID | SW-E-2_12_20231219     | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 12/20/2023    | MNC         |
| Benzene            | EPA-8260 | 22      | 5.0              | 1               | UG/KG | 12/19/2023    | DLC         |
| Toluene            | EPA-8260 | 77      | 14               | 1               | UG/KG | 12/20/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/19/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/19/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/19/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 87.4 | 12/20/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 98.9 | 12/19/2023    | DLC         |
| Toluene-d8 | EPA-8260 | 99.5 | 12/20/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/21/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120155            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120155-19         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/19/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/19/2023 4:55:00 PM |
| CLIENT SAMPLE ID | SW-E-3_24_20231219     | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 170     | 30               | 10              | MG/KG | 12/20/2023    | MNC         |
| Benzene            | EPA-8260 | 550     | 250              | 10              | UG/KG | 12/20/2023    | DLC         |
| Toluene            | EPA-8260 | 12000   | 150              | 10              | UG/KG | 12/20/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | 2600    | 210              | 10              | UG/KG | 12/20/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | 11000   | 410              | 10              | UG/KG | 12/20/2023    | DLC         |
| o-Xylene           | EPA-8260 | 4400    | 260              | 10              | UG/KG | 12/20/2023    | DLC         |

| SURROGATE               | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|-------------------------|----------|------|---------------|-------------|
| TFT 10X Dilution        | NWTPH-GX | 96.4 | 12/20/2023    | MNC         |
| Toluene-d8 10X Dilution | EPA-8260 | 96.8 | 12/20/2023    | DLC         |

Chromatogram indicates that it is likely that sample contains lightly weathered gasoline.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/21/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120155            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120155-20         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/19/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/19/2023 5:10:00 PM |
| CLIENT SAMPLE ID | SW-S-2_24_20231219     | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | 3.0              | 1               | MG/KG | 12/20/2023    | MNC         |
| Benzene            | EPA-8260 | U       | 5.0              | 1               | UG/KG | 12/19/2023    | DLC         |
| Toluene            | EPA-8260 | U       | 10               | 1               | UG/KG | 12/19/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/19/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | U       | 20               | 1               | UG/KG | 12/19/2023    | DLC         |
| o-Xylene           | EPA-8260 | U       | 10               | 1               | UG/KG | 12/19/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 103  | 12/20/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 98.2 | 12/19/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

|                  |                        |                     |                       |
|------------------|------------------------|---------------------|-----------------------|
| CLIENT:          | Antea Group            | DATE:               | 12/21/2023            |
|                  | 18378-B Redmond Way    | ALS JOB#:           | EV23120155            |
|                  | Redmond, WA 98052-5012 | ALS SAMPLE#:        | EV23120155-21         |
| CLIENT CONTACT:  | Megan Richard          | DATE RECEIVED:      | 12/19/2023            |
| CLIENT PROJECT:  | MP-46                  | COLLECTION DATE:    | 12/19/2023 4:25:00 PM |
| CLIENT SAMPLE ID | B-4_24_20231219        | WDOE ACCREDITATION: | C601                  |

**SAMPLE DATA RESULTS**

| ANALYTE            | METHOD   | RESULTS | REPORTING LIMITS | DILUTION FACTOR | UNITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|------------------|-----------------|-------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | 12      | 3.0              | 1               | MG/KG | 12/20/2023    | MNC         |
| Benzene            | EPA-8260 | 720     | 29               | 1               | UG/KG | 12/20/2023    | DLC         |
| Toluene            | EPA-8260 | 3000    | 17               | 1               | UG/KG | 12/20/2023    | DLC         |
| Ethylbenzene       | EPA-8260 | U       | 10               | 1               | UG/KG | 12/20/2023    | DLC         |
| m,p-Xylene         | EPA-8260 | 28      | 20               | 1               | UG/KG | 12/20/2023    | DLC         |
| o-Xylene           | EPA-8260 | 14      | 10               | 1               | UG/KG | 12/20/2023    | DLC         |

| SURROGATE  | METHOD   | %REC | ANALYSIS DATE | ANALYSIS BY |
|------------|----------|------|---------------|-------------|
| TFT        | NWTPH-GX | 101  | 12/20/2023    | MNC         |
| Toluene-d8 | EPA-8260 | 100  | 12/20/2023    | DLC         |
| Toluene-d8 | EPA-8260 | 99.8 | 12/20/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.  
Chromatogram indicates that it is likely that sample contains highly weathered gasoline.



## CERTIFICATE OF ANALYSIS

CLIENT: Antea Group  
18378-B Redmond Way  
Redmond, WA 98052-5012  
DATE: 12/21/2023  
ALS SDG#: EV23120155  
WDOE ACCREDITATION: C601

CLIENT CONTACT: Megan Richard  
CLIENT PROJECT: MP-46

## LABORATORY BLANK RESULTS

### MBG-121923S - Batch 205074 - Soil by NWTPH-GX

| ANALYTE            | METHOD   | RESULTS | UNITS | REPORTING LIMITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|-------|------------------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | MG/KG | 3.0              | 12/19/2023    | MNC         |

U - Analyte analyzed for but not detected at level above reporting limit.

### MBG-121923S2 - Batch 205077 - Soil by NWTPH-GX

| ANALYTE            | METHOD   | RESULTS | UNITS | REPORTING LIMITS | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|---------|-------|------------------|---------------|-------------|
| TPH-Volatile Range | NWTPH-GX | U       | MG/KG | 3.0              | 12/20/2023    | MNC         |

U - Analyte analyzed for but not detected at level above reporting limit.

### MB-121923S - Batch 205092 - Soil by EPA-8260

| ANALYTE      | METHOD   | RESULTS | UNITS | REPORTING LIMITS | ANALYSIS DATE | ANALYSIS BY |
|--------------|----------|---------|-------|------------------|---------------|-------------|
| Benzene      | EPA-8260 | U       | UG/KG | 5.0              | 12/19/2023    | DLC         |
| Toluene      | EPA-8260 | U       | UG/KG | 10               | 12/19/2023    | DLC         |
| Ethylbenzene | EPA-8260 | U       | UG/KG | 10               | 12/19/2023    | DLC         |
| m,p-Xylene   | EPA-8260 | U       | UG/KG | 20               | 12/19/2023    | DLC         |
| o-Xylene     | EPA-8260 | U       | UG/KG | 10               | 12/19/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.

### MB-121923S2 - Batch 205093 - Soil by EPA-8260

| ANALYTE      | METHOD   | RESULTS | UNITS | REPORTING LIMITS | ANALYSIS DATE | ANALYSIS BY |
|--------------|----------|---------|-------|------------------|---------------|-------------|
| Benzene      | EPA-8260 | U       | UG/KG | 5.0              | 12/20/2023    | DLC         |
| Toluene      | EPA-8260 | U       | UG/KG | 10               | 12/20/2023    | DLC         |
| Ethylbenzene | EPA-8260 | U       | UG/KG | 10               | 12/20/2023    | DLC         |
| m,p-Xylene   | EPA-8260 | U       | UG/KG | 20               | 12/20/2023    | DLC         |
| o-Xylene     | EPA-8260 | U       | UG/KG | 10               | 12/20/2023    | DLC         |

U - Analyte analyzed for but not detected at level above reporting limit.



## CERTIFICATE OF ANALYSIS

CLIENT: Antea Group  
18378-B Redmond Way  
Redmond, WA 98052-5012  
DATE: 12/21/2023  
ALS SDG#: EV23120155  
WDOE ACCREDITATION: C601

CLIENT CONTACT: Megan Richard  
CLIENT PROJECT: MP-46

## LABORATORY CONTROL SAMPLE RESULTS

### ALS Test Batch ID: 205074 - Soil by NWTPH-GX

| SPIKED COMPOUND          | METHOD   | %REC | RPD | QUAL | LIMITS |       | ANALYSIS DATE | ANALYSIS BY |
|--------------------------|----------|------|-----|------|--------|-------|---------------|-------------|
|                          |          |      |     |      | MIN    | MAX   |               |             |
| TPH-Volatile Range - BS  | NWTPH-GX | 104  |     |      | 66.5   | 122.7 | 12/19/2023    | MNC         |
| TPH-Volatile Range - BSD | NWTPH-GX | 103  | 1   |      | 66.5   | 122.7 | 12/19/2023    | MNC         |

### ALS Test Batch ID: 205077 - Soil by NWTPH-GX

| SPIKED COMPOUND          | METHOD   | %REC | RPD | QUAL | LIMITS |       | ANALYSIS DATE | ANALYSIS BY |
|--------------------------|----------|------|-----|------|--------|-------|---------------|-------------|
|                          |          |      |     |      | MIN    | MAX   |               |             |
| TPH-Volatile Range - BS  | NWTPH-GX | 106  |     |      | 66.5   | 122.7 | 12/20/2023    | MNC         |
| TPH-Volatile Range - BSD | NWTPH-GX | 104  | 2   |      | 66.5   | 122.7 | 12/20/2023    | MNC         |

### ALS Test Batch ID: 205092 - Soil by EPA-8260

| SPIKED COMPOUND    | METHOD   | %REC | RPD | QUAL | LIMITS |       | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|------|-----|------|--------|-------|---------------|-------------|
|                    |          |      |     |      | MIN    | MAX   |               |             |
| Benzene - BS       | EPA-8260 | 96.6 |     |      | 75     | 138   | 12/19/2023    | DLC         |
| Benzene - BSD      | EPA-8260 | 90.3 | 7   |      | 75     | 138   | 12/19/2023    | DLC         |
| Toluene - BS       | EPA-8260 | 96.9 |     |      | 71.6   | 122.1 | 12/19/2023    | DLC         |
| Toluene - BSD      | EPA-8260 | 90.2 | 7   |      | 71.6   | 122.1 | 12/19/2023    | DLC         |
| Ethylbenzene - BS  | EPA-8260 | 98.9 |     |      | 50     | 150   | 12/19/2023    | DLC         |
| Ethylbenzene - BSD | EPA-8260 | 92.0 | 7   |      | 50     | 150   | 12/19/2023    | DLC         |
| m,p-Xylene - BS    | EPA-8260 | 96.8 |     |      | 50     | 150   | 12/19/2023    | DLC         |
| m,p-Xylene - BSD   | EPA-8260 | 90.8 | 6   |      | 50     | 150   | 12/19/2023    | DLC         |
| o-Xylene - BS      | EPA-8260 | 98.7 |     |      | 50     | 150   | 12/19/2023    | DLC         |
| o-Xylene - BSD     | EPA-8260 | 92.3 | 7   |      | 50     | 150   | 12/19/2023    | DLC         |

### ALS Test Batch ID: 205093 - Soil by EPA-8260

| SPIKED COMPOUND    | METHOD   | %REC | RPD | QUAL | LIMITS |       | ANALYSIS DATE | ANALYSIS BY |
|--------------------|----------|------|-----|------|--------|-------|---------------|-------------|
|                    |          |      |     |      | MIN    | MAX   |               |             |
| Benzene - BS       | EPA-8260 | 91.6 |     |      | 75     | 138   | 12/20/2023    | DLC         |
| Benzene - BSD      | EPA-8260 | 91.6 | 0   |      | 75     | 138   | 12/20/2023    | DLC         |
| Toluene - BS       | EPA-8260 | 91.3 |     |      | 71.6   | 122.1 | 12/20/2023    | DLC         |
| Toluene - BSD      | EPA-8260 | 92.3 | 1   |      | 71.6   | 122.1 | 12/20/2023    | DLC         |
| Ethylbenzene - BS  | EPA-8260 | 92.8 |     |      | 50     | 150   | 12/20/2023    | DLC         |
| Ethylbenzene - BSD | EPA-8260 | 92.7 | 0   |      | 50     | 150   | 12/20/2023    | DLC         |
| m,p-Xylene - BS    | EPA-8260 | 91.1 |     |      | 50     | 150   | 12/20/2023    | DLC         |
| m,p-Xylene - BSD   | EPA-8260 | 91.0 | 0   |      | 50     | 150   | 12/20/2023    | DLC         |
| o-Xylene - BS      | EPA-8260 | 93.9 |     |      | 50     | 150   | 12/20/2023    | DLC         |
| o-Xylene - BSD     | EPA-8260 | 93.3 | 1   |      | 50     | 150   | 12/20/2023    | DLC         |

CERTIFICATE OF ANALYSIS

APPROVED BY



Rob Greer  
Laboratory Director



**ALS Environmental**  
8620 Holly Drive, Suite 100  
Everett, WA 98208  
Phone (425) 356-2600  
Fax (425) 356-2626  
http://www.alsglobal.com

# Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only)

**EV23120155**

Date 12/19/23 Page 1 Of 3

|                                                          |          |          |                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |       |  |  |  |  |      |  |  |  |  |                                   |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |      |         |        |     |          |      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|----------------------------------------------------------|----------|----------|------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|-------|--|--|--|--|------|--|--|--|--|-----------------------------------|----------------------------------------|-----------------------------------|------------------------------|--------------------------------------------|--------------------------------------------------------|----------------------------------------|-----------------------------------|------------------------------|--------------------------------------------|--------------------------------------------------------|-----------------|------------------------|------|---------|--------|-----|----------|------|-------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| PROJECT ID: <u>MP-46</u>                                 |          |          |                  |                  | ANALYSIS REQUESTED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |  |       |  |  |  |  |      |  |  |  |  | OTHER (Specify)                   |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |      |         |        |     |          |      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| REPORT TO COMPANY: <u>Antea Group</u>                    |          |          |                  |                  | <table border="1"> <tr> <td>NWTPH-HCID</td> <td>NWTPH-DX</td> <td>NWTPH-GX</td> <td>BTEX by EPA 8260</td> <td>MTBE by EPA 8260</td> <td>Halogenated Volatiles by EPA 8260</td> <td>Volatile Organic Compounds by EPA 8260</td> <td>EDB / EDC by EPA 8260 SIM (water)</td> <td>EDB / EDC by EPA 8260 (soil)</td> <td>Semivolatile Organic Compounds by EPA 8270</td> <td>Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM</td> <td>PCB by EPA 8082</td> <td>Pesticides by EPA 8081</td> <td>TAL</td> <td>Pri Pol</td> <td>RCRA-8</td> <td>VOA</td> <td>Semi-Vol</td> <td>Pest</td> <td>Herbs</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> |  |  |  |  |       |  |  |  |  |      |  |  |  |  | NWTPH-HCID                        | NWTPH-DX                               | NWTPH-GX                          | BTEX by EPA 8260             | MTBE by EPA 8260                           | Halogenated Volatiles by EPA 8260                      | Volatile Organic Compounds by EPA 8260 | EDB / EDC by EPA 8260 SIM (water) | EDB / EDC by EPA 8260 (soil) | Semivolatile Organic Compounds by EPA 8270 | Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM | PCB by EPA 8082 | Pesticides by EPA 8081 | TAL  | Pri Pol | RCRA-8 | VOA | Semi-Vol | Pest | Herbs |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| NWTPH-HCID                                               | NWTPH-DX | NWTPH-GX | BTEX by EPA 8260 | MTBE by EPA 8260 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |       |  |  |  |  |      |  |  |  |  | Halogenated Volatiles by EPA 8260 | Volatile Organic Compounds by EPA 8260 | EDB / EDC by EPA 8260 SIM (water) | EDB / EDC by EPA 8260 (soil) | Semivolatile Organic Compounds by EPA 8270 | Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM | PCB by EPA 8082                        | Pesticides by EPA 8081            | TAL                          | Pri Pol                                    | RCRA-8                                                 | VOA             | Semi-Vol               | Pest | Herbs   |        |     |          |      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                          |          |          |                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |       |  |  |  |  |      |  |  |  |  |                                   |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |      |         |        |     |          |      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                          |          |          |                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |       |  |  |  |  |      |  |  |  |  |                                   |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |      |         |        |     |          |      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                          |          |          |                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |       |  |  |  |  |      |  |  |  |  |                                   |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |      |         |        |     |          |      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                          |          |          |                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |       |  |  |  |  |      |  |  |  |  |                                   |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |      |         |        |     |          |      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| PROJECT MANAGER: <u>Megan Richard</u>                    |          |          |                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |       |  |  |  |  |      |  |  |  |  |                                   |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |      |         |        |     |          |      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ADDRESS: <u>18378-B Redmond Way</u>                      |          |          |                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |       |  |  |  |  |      |  |  |  |  |                                   |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |      |         |        |     |          |      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <u>Redmond, WA</u>                                       |          |          |                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |       |  |  |  |  |      |  |  |  |  |                                   |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |      |         |        |     |          |      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| PHONE: <u>206-854-0399</u> P.O. #:                       |          |          |                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |       |  |  |  |  |      |  |  |  |  |                                   |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |      |         |        |     |          |      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| E-MAIL: <u>megan.richard@anteagroup.us</u>               |          |          |                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |       |  |  |  |  |      |  |  |  |  |                                   |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |      |         |        |     |          |      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| INVOICE TO COMPANY: <u>Same as above</u>                 |          |          |                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |       |  |  |  |  |      |  |  |  |  |                                   |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |      |         |        |     |          |      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ATTENTION: <u>Digital Solutions. Equis@anteagroup.us</u> |          |          |                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |       |  |  |  |  |      |  |  |  |  |                                   |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |      |         |        |     |          |      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ADDRESS: <u>Same as above</u>                            |          |          |                  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |       |  |  |  |  |      |  |  |  |  |                                   |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |      |         |        |     |          |      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SAMPLE I.D.                                              |          |          |                  |                  | DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  | TIME  |  |  |  |  | TYPE |  |  |  |  | LAB#                              |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |      |         |        |     |          |      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1. B-1-24-20231219                                       |          |          |                  |                  | 12/19/23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  | 13:30 |  |  |  |  | S    |  |  |  |  | 1                                 |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |      |         |        |     |          |      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2. SW-N-1-12-20231219                                    |          |          |                  |                  | 12/19/23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  | 13:40 |  |  |  |  | I    |  |  |  |  | 2                                 |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |      |         |        |     |          |      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3. SW-N-1-24-20231219                                    |          |          |                  |                  | 12/19/23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  | 15:30 |  |  |  |  | I    |  |  |  |  | 3                                 |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |      |         |        |     |          |      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4. SW-S-1-12-20231219                                    |          |          |                  |                  | 12/19/23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  | 14:40 |  |  |  |  | I    |  |  |  |  | 4                                 |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |      |         |        |     |          |      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5. SW-S-1-24-20231219                                    |          |          |                  |                  | 12/19/23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  | 11:50 |  |  |  |  | S    |  |  |  |  | 5                                 |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |      |         |        |     |          |      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6. B-2-24-20231219                                       |          |          |                  |                  | 12/19/23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  | 15:00 |  |  |  |  | I    |  |  |  |  | 6                                 |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |      |         |        |     |          |      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7. SW-N-2-12-20231219                                    |          |          |                  |                  | 12/19/23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  | 13:50 |  |  |  |  | I    |  |  |  |  | 7                                 |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |      |         |        |     |          |      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8. SW-N-2-24-20231219                                    |          |          |                  |                  | 12/19/23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  | 14:30 |  |  |  |  | I    |  |  |  |  | 8                                 |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |      |         |        |     |          |      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9. B-3-24-20231219                                       |          |          |                  |                  | 12/19/23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  | 14:15 |  |  |  |  | I    |  |  |  |  | 9                                 |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |      |         |        |     |          |      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10. SW-N-3-12-20231219                                   |          |          |                  |                  | 12/19/23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  | 14:00 |  |  |  |  | I    |  |  |  |  | 10                                |                                        |                                   |                              |                                            |                                                        |                                        |                                   |                              |                                            |                                                        |                 |                        |      |         |        |     |          |      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

## SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

- Relinquished By: Marian Murphy 12/19/23  
Received By: ALS 12/19/23 1823
- Relinquished By: \_\_\_\_\_  
Received By: \_\_\_\_\_

TURNAROUND REQUESTED in Business Days\*

Organic, Metals & Inorganic Analysis

Standard: 10, 5, 3, 2, 1, SAME DAY

Fuels & Hydrocarbon Analysis

Standard: 5, 3, 1, SAME DAY

OTHER: Specify: 24 HR / ASAP

\*Turnaround request less than standard may incur Rush Charges



**ALS Environmental**  
8620 Holly Drive, Suite 100  
Everett, WA 98208  
Phone (425) 356-2600  
Fax (425) 356-2626  
http://www.alsglobal.com

# Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only)

612312155

Date \_\_\_\_\_ Page 2 Of 3

| PROJECT ID: <u>MP-46</u>                                 |          |       |      |      | ANALYSIS REQUESTED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |          |                  |                  |                                   |                                        |                                   |                              |                                             |                                                        |                 |                        |        |         | OTHER (Specify) |                        |     |          |      |       |                      |                             |
|----------------------------------------------------------|----------|-------|------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|------------------|------------------|-----------------------------------|----------------------------------------|-----------------------------------|------------------------------|---------------------------------------------|--------------------------------------------------------|-----------------|------------------------|--------|---------|-----------------|------------------------|-----|----------|------|-------|----------------------|-----------------------------|
| REPORT TO COMPANY: <u>Antea Group</u>                    |          |       |      |      | <div style="display: flex; flex-direction: row-reverse;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">NUMBER OF CONTAINERS RECEIVED IN GOOD CONDITION?</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Herbs</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Pest</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Semi-Vol</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">VOA</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Metals Other (Specify)</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">PCRA-8</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Pri Pol</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Pesticides by EPA 8081</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Semi-volatile Organic Compounds by EPA 8270</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">EDB / EDC by EPA 8260 (soil)</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">EDB / EDC by EPA 8260 SIM (water)</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Volatile Organic Compounds by EPA 8260</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Halogenated Volatiles by EPA 8260</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">MTBE by EPA 8021</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX by EPA 8021</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX by EPA 8260</div> </div> |          |          |                  |                  |                                   |                                        |                                   |                              |                                             |                                                        |                 |                        |        |         |                 |                        |     |          |      |       |                      |                             |
| PROJECT MANAGER: <u>Megan Richard</u>                    |          |       |      |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |          |                  |                  |                                   |                                        |                                   |                              |                                             |                                                        |                 |                        |        |         |                 |                        |     |          |      |       |                      |                             |
| ADDRESS: <u>18398-B Redmond Way</u>                      |          |       |      |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |          |                  |                  |                                   |                                        |                                   |                              |                                             |                                                        |                 |                        |        |         |                 |                        |     |          |      |       |                      |                             |
| <u>Redmond, WA</u>                                       |          |       |      |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |          |                  |                  |                                   |                                        |                                   |                              |                                             |                                                        |                 |                        |        |         |                 |                        |     |          |      |       |                      |                             |
| PHONE: <u>206-854-0399</u> P.O. #:                       |          |       |      |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |          |                  |                  |                                   |                                        |                                   |                              |                                             |                                                        |                 |                        |        |         |                 |                        |     |          |      |       |                      |                             |
| E-MAIL: <u>megan.richard@anteagroup.us</u>               |          |       |      |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |          |                  |                  |                                   |                                        |                                   |                              |                                             |                                                        |                 |                        |        |         |                 |                        |     |          |      |       |                      |                             |
| INVOICE TO COMPANY: <u>Same as above</u>                 |          |       |      |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |          |                  |                  |                                   |                                        |                                   |                              |                                             |                                                        |                 |                        |        |         |                 |                        |     |          |      |       |                      |                             |
| ATTENTION: <u>Digital Solutions. Eavis@anteagroup.us</u> |          |       |      |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |          |                  |                  |                                   |                                        |                                   |                              |                                             |                                                        |                 |                        |        |         |                 |                        |     |          |      |       |                      |                             |
| ADDRESS: <u>same as above</u>                            |          |       |      |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |          |                  |                  |                                   |                                        |                                   |                              |                                             |                                                        |                 |                        |        |         |                 |                        |     |          |      |       |                      |                             |
| SAMPLE I.D.                                              | DATE     | TIME  | TYPE | LAB# | NWTPH-HCID                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | NWTPH-DX | NWTPH-GX | BTEX by EPA 8021 | MTBE by EPA 8021 | Halogenated Volatiles by EPA 8260 | Volatile Organic Compounds by EPA 8260 | EDB / EDC by EPA 8260 SIM (water) | EDB / EDC by EPA 8260 (soil) | Semi-volatile Organic Compounds by EPA 8270 | Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM | PCB by EPA 8082 | Pesticides by EPA 8081 | PCRA-8 | Pri Pol | TAL             | Metals Other (Specify) | VOA | Semi-Vol | Pest | Herbs | NUMBER OF CONTAINERS | RECEIVED IN GOOD CONDITION? |
| 1. SW-N-3-24-20231219                                    | 12/19/23 | 14:10 | S    | 11   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          | X        | X                |                  |                                   |                                        |                                   |                              |                                             |                                                        |                 |                        |        |         |                 |                        |     |          |      |       | 4                    |                             |
| 2. SW-E-1-12-20231219                                    | 12/19/23 | 14:50 |      | 12   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          | X        | X                |                  |                                   |                                        |                                   |                              |                                             |                                                        |                 |                        |        |         |                 |                        |     |          |      |       |                      |                             |
| 3. SW-E-1-24-20231219                                    | 12/19/23 | 14:50 |      | 13   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          | X        | X                |                  |                                   |                                        |                                   |                              |                                             |                                                        |                 |                        |        |         |                 |                        |     |          |      |       |                      |                             |
| 4. SW-W-1-12-20231219                                    | 12/19/23 | 15:20 |      | 14   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          | X        | X                |                  |                                   |                                        |                                   |                              |                                             |                                                        |                 |                        |        |         |                 |                        |     |          |      |       |                      |                             |
| 5. SW-E-2-24-20231219                                    | 12/19/23 | 15:50 |      | 15   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          | X        | X                |                  |                                   |                                        |                                   |                              |                                             |                                                        |                 |                        |        |         |                 |                        |     |          |      |       |                      |                             |
| 6. SW-E-3-12-20231219                                    | 12/19/23 | 16:40 |      | 16   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          | X        | X                |                  |                                   |                                        |                                   |                              |                                             |                                                        |                 |                        |        |         |                 |                        |     |          |      |       |                      |                             |
| 7. SW-S-2-12-20231219                                    | 12/19/23 | 17:00 |      | 17   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          | X        | X                |                  |                                   |                                        |                                   |                              |                                             |                                                        |                 |                        |        |         |                 |                        |     |          |      |       |                      |                             |
| 8. SW-E-2-12-20231219                                    | 12/19/23 | 15:50 |      | 18   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          | X        | X                |                  |                                   |                                        |                                   |                              |                                             |                                                        |                 |                        |        |         |                 |                        |     |          |      |       |                      |                             |
| 9. SW-E-3-24-20231219                                    | 12/19/23 | 16:55 |      | 19   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          | X        | X                |                  |                                   |                                        |                                   |                              |                                             |                                                        |                 |                        |        |         |                 |                        |     |          |      |       |                      |                             |
| 10. SW-S-2-24-20231219                                   | 12/19/23 | 17:10 | ✓    | 20   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          | X        | X                |                  |                                   |                                        |                                   |                              |                                             |                                                        |                 |                        |        |         |                 |                        |     |          |      |       | ✓                    |                             |

## SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Marion Murphy  
Received By: ALS 12/19/23 1823
2. Relinquished By: \_\_\_\_\_  
Received By: \_\_\_\_\_

TURNAROUND REQUESTED in Business Days\*  
Organic, Metals & Inorganic Analysis

10 5 3 2 1 SAME DAY

Fuels & Hydrocarbon Analysis

5 3 1 SAME DAY

OTHER: Specify: 24 HRS/ASAP

\*Turnaround request less than standard may incur Rush Charges



ALS Environmental  
8620 Holly Drive, Suite 100  
Everett, WA 98208  
Phone (425) 356-2600  
Fax (425) 356-2626  
http://www.alsglobal.com

# Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only)

EV23120155

Date 8/19/23 Page 3 Of 3

| PROJECT ID: <u>MP-46</u>                                 |                |              |          |           | ANALYSIS REQUESTED |          |           |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        | OTHER (Specify) |     |                        |             |     |          |      |       |                      |                             |  |
|----------------------------------------------------------|----------------|--------------|----------|-----------|--------------------|----------|-----------|------------------|------------------|-----------------------------------|----------------------------------------|-----------------------------------|------------------------------|--------------------------------------------|--------------------------------------------------------|-----------------|------------------------|---------------|--------|-----------------|-----|------------------------|-------------|-----|----------|------|-------|----------------------|-----------------------------|--|
| REPORT TO COMPANY: <u>Antea Group</u>                    |                |              |          |           |                    |          |           |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |  |
| PROJECT MANAGER: <u>Megan Richard</u>                    |                |              |          |           |                    |          |           |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |  |
| ADDRESS: <u>18378-B Redmond Way</u>                      |                |              |          |           |                    |          |           |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |  |
| <u>Redmond, WA</u>                                       |                |              |          |           |                    |          |           |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |  |
| PHONE: <u>206-854-0399</u> P.O. #:                       |                |              |          |           |                    |          |           |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |  |
| E-MAIL: <u>megan.richard@anteagroup.us</u>               |                |              |          |           |                    |          |           |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |  |
| INVOICE TO COMPANY: <u>same as above</u>                 |                |              |          |           |                    |          |           |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |  |
| ATTENTION: <u>Digital Solutions. Equis@anteagroup.us</u> |                |              |          |           |                    |          |           |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |  |
| ADDRESS: <u>same as above</u>                            |                |              |          |           |                    |          |           |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |  |
| SAMPLE I.D.                                              | DATE           | TIME         | TYPE     | LAB#      | NWTPH-HCID         | NWTPH-DX | NWTPH-GX  | BTEX by EPA 8021 | MTBE by EPA 8260 | Halogenated Volatiles by EPA 8260 | Volatile Organic Compounds by EPA 8260 | EDB / EDC by EPA 8260 SIM (water) | EDB / EDC by EPA 8260 (soil) | Semivolatile Organic Compounds by EPA 8270 | Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM | PCB by EPA 8082 | Pesticides by EPA 8081 | Metals-MTCA-5 | RCRA-8 | Pri Pol         | TAL | Metals Other (Specify) | TCLP-Metals | VOA | Semi-Vol | Pest | Herbs | NUMBER OF CONTAINERS | RECEIVED IN GOOD CONDITION? |  |
| 1. <u>B-4-24-20231219</u>                                | <u>8/19/23</u> | <u>16:25</u> | <u>S</u> | <u>Z1</u> |                    |          | <u>XX</u> |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       | <u>4</u>             |                             |  |
| 2.                                                       |                |              |          |           |                    |          |           |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |  |
| 3.                                                       |                |              |          |           |                    |          |           |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |  |
| 4.                                                       |                |              |          |           |                    |          |           |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |  |
| 5.                                                       |                |              |          |           |                    |          |           |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |  |
| 6.                                                       |                |              |          |           |                    |          |           |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |  |
| 7.                                                       |                |              |          |           |                    |          |           |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |  |
| 8.                                                       |                |              |          |           |                    |          |           |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |  |
| 9.                                                       |                |              |          |           |                    |          |           |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |  |
| 10.                                                      |                |              |          |           |                    |          |           |                  |                  |                                   |                                        |                                   |                              |                                            |                                                        |                 |                        |               |        |                 |     |                        |             |     |          |      |       |                      |                             |  |

## SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Mariah Murphy  
Received By: [Signature] ALS 12/16/23 1823
2. Relinquished By: \_\_\_\_\_  
Received By: \_\_\_\_\_

TURNAROUND REQUESTED in Business Days\*  
Organic, Metals & Inorganic Analysis OTHER:

|                              |   |   |          |   |          |
|------------------------------|---|---|----------|---|----------|
| 10                           | 5 | 3 | 2        | 1 | SAME DAY |
| Standard                     |   |   |          |   |          |
| Fuels & Hydrocarbon Analysis |   |   |          |   |          |
| 5                            | 3 | 1 | SAME DAY |   |          |
| Standard                     |   |   |          |   |          |

Specify: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\*Turnaround request less than standard may incur Rush Charges

# ALS ENVIRONMENTAL

## Sample Receiving Checklist

Client: Anteq ALS Job#: 6123120155

Project: MP-46

Login Date: 12/19/23 Login Time: 1823 Login By: CPN

Type of Shipping Container: Cooler ☒ Box ☐ Other ☐

Shipped via: FedEx Ground ☐ UPS ☐ Courier ☐ Hand Delivered ☒ ALS Courier ☐  
FedEx Express ☐

|                                                                      | Yes                                 | No                                  | N/A                                 |
|----------------------------------------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Were custody seals on outside of shipping container?                 |                                     | <input checked="" type="checkbox"/> |                                     |
| If yes, how many? _____ Where? _____                                 |                                     |                                     |                                     |
| Custody seal date: _____ Seal name: _____                            |                                     |                                     |                                     |
| Was Chain of Custody properly filled out (ink, signed, dated, etc.)? | <input checked="" type="checkbox"/> |                                     |                                     |
| Did all bottles have labels?                                         | <input checked="" type="checkbox"/> |                                     |                                     |
| Did all bottle labels and tags agree with Chain of Custody?          | <input checked="" type="checkbox"/> |                                     |                                     |
| Were samples received within hold time?                              | <input checked="" type="checkbox"/> |                                     |                                     |
| Did all bottles arrive in good condition (unbroken, etc.)?           | <input checked="" type="checkbox"/> |                                     |                                     |
| Was sufficient amount of sample sent for the tests indicated?        | <input checked="" type="checkbox"/> |                                     |                                     |
| Was correct preservation added to samples?                           | <input checked="" type="checkbox"/> |                                     |                                     |
| Subcontract test containers added to Subcontract Bin?                |                                     |                                     | <input checked="" type="checkbox"/> |
| Wetchem test containers marked with required Tests?                  |                                     |                                     | <input checked="" type="checkbox"/> |
| Short hold time test containers delivered to analysts?               |                                     |                                     | <input checked="" type="checkbox"/> |
| Were VOA vials checked for absence of air bubbles?                   |                                     |                                     | <input checked="" type="checkbox"/> |
| Bubbles present in sample #: _____                                   |                                     |                                     |                                     |

5035A kits received? ☒  
# Low Kits: 21 # High Kits: \_\_\_\_\_

5035A kits returned?  
# Low Kits: \_\_\_\_\_ # High Kits: \_\_\_\_\_

Temperature of cooler upon receipt: 2.7C On ice? ☒

Explain any discrepancies:

Was client contacted? \_\_\_\_\_ Who was called? \_\_\_\_\_ By whom? \_\_\_\_\_ Date: \_\_\_\_\_

Outcome of call:

## APPENDIX D

# Laboratory Results

**BPLAMP - WSP**

Sample Delivery Group: L1721084  
Samples Received: 04/02/2024  
Project Number: US-EJ-3205231876  
Description: BP Conway

Report To: Chelsea Foster  
18300 Redmond Way  
Suite 200  
Redmond, WA 98052

Entire Report Reviewed By:



Jared Starkey  
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

**Pace Analytical National**12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 [www.pacenational.com](http://www.pacenational.com)

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|                  |
|------------------|
| <sup>1</sup> Cp  |
| <sup>2</sup> Tc  |
| <sup>3</sup> Ss  |
| <sup>4</sup> Cn  |
| <sup>5</sup> Ds  |
| <sup>6</sup> Sr  |
| <sup>7</sup> Qc  |
| <sup>8</sup> Gl  |
| <sup>9</sup> Al  |
| <sup>10</sup> Sc |

# SAMPLE SUMMARY

## B10-30-EAST L1721084-01 Solid

| Method                                                     | Batch     | Dilution | Preparation date/time | Collected by | Collected date/time | Received date/time | Location       |
|------------------------------------------------------------|-----------|----------|-----------------------|--------------|---------------------|--------------------|----------------|
|                                                            |           |          |                       |              | 04/01/24 12:50      | 04/02/24 09:00     |                |
| Total Solids by Method 2540 G-2011                         | WG2258691 | 1        | 04/02/24 11:52        |              | 04/02/24 12:06      | MT                 | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method NWTPHGX          | WG2258689 | 34.3     | 04/01/24 12:50        |              | 04/02/24 13:42      | JHH                | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D         | WG2258712 | 2.03     | 04/01/24 12:50        |              | 04/02/24 12:25      | DWR                | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT | WG2258718 | 1        | 04/02/24 12:00        |              | 04/02/24 16:06      | JSS                | Mt. Juliet, TN |

## B10-34-NORTH L1721084-02 Solid

| Method                                                     | Batch     | Dilution | Preparation date/time | Collected by | Collected date/time | Received date/time | Location       |
|------------------------------------------------------------|-----------|----------|-----------------------|--------------|---------------------|--------------------|----------------|
|                                                            |           |          |                       |              | 04/01/24 12:05      | 04/02/24 09:00     |                |
| Total Solids by Method 2540 G-2011                         | WG2258691 | 1        | 04/02/24 11:52        |              | 04/02/24 12:06      | MT                 | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method NWTPHGX          | WG2258689 | 26       | 04/01/24 12:05        |              | 04/02/24 14:04      | JHH                | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D         | WG2258712 | 1.51     | 04/01/24 12:05        |              | 04/02/24 12:44      | DWR                | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT | WG2258718 | 1        | 04/02/24 12:00        |              | 04/02/24 16:45      | JSS                | Mt. Juliet, TN |

## B10-33-SOUTH L1721084-03 Solid

| Method                                                     | Batch     | Dilution | Preparation date/time | Collected by | Collected date/time | Received date/time | Location       |
|------------------------------------------------------------|-----------|----------|-----------------------|--------------|---------------------|--------------------|----------------|
|                                                            |           |          |                       |              | 04/01/24 11:30      | 04/02/24 09:00     |                |
| Total Solids by Method 2540 G-2011                         | WG2258691 | 1        | 04/02/24 11:52        |              | 04/02/24 12:06      | MT                 | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method NWTPHGX          | WG2258689 | 34.3     | 04/01/24 11:30        |              | 04/02/24 14:27      | JHH                | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D         | WG2258712 | 1        | 04/01/24 11:30        |              | 04/02/24 13:04      | DWR                | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT | WG2258718 | 1        | 04/02/24 12:00        |              | 04/02/24 16:58      | JSS                | Mt. Juliet, TN |

## B10-28-WEST L1721084-04 Solid

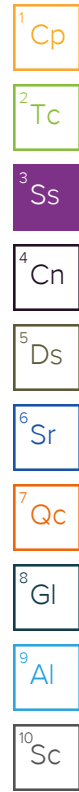
| Method                                                     | Batch     | Dilution | Preparation date/time | Collected by | Collected date/time | Received date/time | Location       |
|------------------------------------------------------------|-----------|----------|-----------------------|--------------|---------------------|--------------------|----------------|
|                                                            |           |          |                       |              | 04/01/24 11:00      | 04/02/24 09:00     |                |
| Total Solids by Method 2540 G-2011                         | WG2258691 | 1        | 04/02/24 11:52        |              | 04/02/24 12:06      | MT                 | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method NWTPHGX          | WG2258689 | 30       | 04/01/24 11:00        |              | 04/02/24 14:50      | JHH                | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D         | WG2258712 | 1.48     | 04/01/24 11:00        |              | 04/02/24 13:24      | DWR                | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT | WG2258718 | 1        | 04/02/24 12:00        |              | 04/02/24 17:11      | JSS                | Mt. Juliet, TN |

## B10-36-CENTERFLOOR L1721084-05 Solid

| Method                                                     | Batch     | Dilution | Preparation date/time | Collected by | Collected date/time | Received date/time | Location       |
|------------------------------------------------------------|-----------|----------|-----------------------|--------------|---------------------|--------------------|----------------|
|                                                            |           |          |                       |              | 04/01/24 10:40      | 04/02/24 09:00     |                |
| Total Solids by Method 2540 G-2011                         | WG2258691 | 1        | 04/02/24 11:52        |              | 04/02/24 12:06      | MT                 | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method NWTPHGX          | WG2258689 | 34       | 04/01/24 10:40        |              | 04/02/24 15:13      | JHH                | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D         | WG2258712 | 1        | 04/01/24 10:40        |              | 04/02/24 13:43      | DWR                | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT | WG2258718 | 1        | 04/02/24 12:00        |              | 04/02/24 17:24      | JSS                | Mt. Juliet, TN |

## DUP1 L1721084-06 Solid

| Method                                                     | Batch     | Dilution | Preparation date/time | Collected by | Collected date/time | Received date/time | Location       |
|------------------------------------------------------------|-----------|----------|-----------------------|--------------|---------------------|--------------------|----------------|
|                                                            |           |          |                       |              | 04/01/24 00:00      | 04/02/24 09:00     |                |
| Total Solids by Method 2540 G-2011                         | WG2258691 | 1        | 04/02/24 11:52        |              | 04/02/24 12:06      | MT                 | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method NWTPHGX          | WG2258689 | 44.5     | 04/01/24 00:00        |              | 04/02/24 15:36      | JHH                | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D         | WG2258712 | 1.32     | 04/01/24 00:00        |              | 04/02/24 14:03      | DWR                | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT | WG2258718 | 1        | 04/02/24 12:00        |              | 04/02/24 17:37      | JSS                | Mt. Juliet, TN |



# CASE NARRATIVE

Unless qualified or notated within the narrative below, all sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Jared Starkey  
Project Manager

## Volatile Organic Compounds (GC) by Method NWTPHGX

The same analyte is found in the associated blank.

| Batch     | Analyte                       | Lab Sample ID               |
|-----------|-------------------------------|-----------------------------|
| WG2258689 | Gasoline Range Organics-NWTPH | L1721084-01, 02, 03, 04, 05 |



# DETECTION SUMMARY

## Volatile Organic Compounds (GC) by Method NWTPHGX

| Client ID          | Lab Sample ID               | Analyte                       | Result (dry)<br>mg/kg | Qualifier           | MDL (dry)<br>mg/kg | RDL (dry)<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|--------------------|-----------------------------|-------------------------------|-----------------------|---------------------|--------------------|--------------------|----------|-------------------------|---------------------------|
| B10-30-EAST        | <a href="#">L1721084-01</a> | Gasoline Range Organics-NWTPH | 2.70                  | <a href="#">B J</a> | 2.09               | 6.17               | 34.3     | 04/02/2024 13:42        | <a href="#">WG2258689</a> |
| B10-34-NORTH       | <a href="#">L1721084-02</a> | Gasoline Range Organics-NWTPH | 2.74                  | <a href="#">B J</a> | 1.76               | 5.20               | 26       | 04/02/2024 14:04        | <a href="#">WG2258689</a> |
| B10-33-SOUTH       | <a href="#">L1721084-03</a> | Gasoline Range Organics-NWTPH | 2.10                  | <a href="#">B J</a> | 1.69               | 5.00               | 34.3     | 04/02/2024 14:27        | <a href="#">WG2258689</a> |
| B10-28-WEST        | <a href="#">L1721084-04</a> | Gasoline Range Organics-NWTPH | 4.74                  | <a href="#">B J</a> | 2.09               | 6.15               | 30       | 04/02/2024 14:50        | <a href="#">WG2258689</a> |
| B10-36-CENTERFLOOR | <a href="#">L1721084-05</a> | Gasoline Range Organics-NWTPH | 2.80                  | <a href="#">B J</a> | 2.03               | 6.02               | 34       | 04/02/2024 15:13        | <a href="#">WG2258689</a> |

## Volatile Organic Compounds (GC/MS) by Method 8260D

| Client ID          | Lab Sample ID               | Analyte        | Result (dry)<br>mg/kg | Qualifier         | MDL (dry)<br>mg/kg | RDL (dry)<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|--------------------|-----------------------------|----------------|-----------------------|-------------------|--------------------|--------------------|----------|-------------------------|---------------------------|
| B10-30-EAST        | <a href="#">L1721084-01</a> | Benzene        | 0.00163               | <a href="#">J</a> | 0.00160            | 0.00343            | 2.03     | 04/02/2024 12:25        | <a href="#">WG2258712</a> |
| B10-30-EAST        | <a href="#">L1721084-01</a> | Toluene        | 0.0137                | <a href="#">J</a> | 0.00446            | 0.0172             | 2.03     | 04/02/2024 12:25        | <a href="#">WG2258712</a> |
| B10-30-EAST        | <a href="#">L1721084-01</a> | Xylenes, Total | 0.00540               | <a href="#">J</a> | 0.00302            | 0.0223             | 2.03     | 04/02/2024 12:25        | <a href="#">WG2258712</a> |
| B10-34-NORTH       | <a href="#">L1721084-02</a> | Benzene        | 0.00139               | <a href="#">J</a> | 0.00130            | 0.00279            | 1.51     | 04/02/2024 12:44        | <a href="#">WG2258712</a> |
| B10-34-NORTH       | <a href="#">L1721084-02</a> | Toluene        | 0.0269                | <a href="#">J</a> | 0.00362            | 0.0139             | 1.51     | 04/02/2024 12:44        | <a href="#">WG2258712</a> |
| B10-34-NORTH       | <a href="#">L1721084-02</a> | Ethylbenzene   | 0.0134                | <a href="#">J</a> | 0.00205            | 0.00697            | 1.51     | 04/02/2024 12:44        | <a href="#">WG2258712</a> |
| B10-34-NORTH       | <a href="#">L1721084-02</a> | Xylenes, Total | 0.0850                | <a href="#">J</a> | 0.00245            | 0.0181             | 1.51     | 04/02/2024 12:44        | <a href="#">WG2258712</a> |
| B10-33-SOUTH       | <a href="#">L1721084-03</a> | Benzene        | 0.000869              | <a href="#">J</a> | 0.000730           | 0.00156            | 1        | 04/02/2024 13:04        | <a href="#">WG2258712</a> |
| B10-33-SOUTH       | <a href="#">L1721084-03</a> | Ethylbenzene   | 0.00136               | <a href="#">J</a> | 0.00115            | 0.00391            | 1        | 04/02/2024 13:04        | <a href="#">WG2258712</a> |
| B10-28-WEST        | <a href="#">L1721084-04</a> | Benzene        | 0.00182               | <a href="#">J</a> | 0.00136            | 0.00290            | 1.48     | 04/02/2024 13:24        | <a href="#">WG2258712</a> |
| B10-36-CENTERFLOOR | <a href="#">L1721084-05</a> | Xylenes, Total | 0.00239               | <a href="#">J</a> | 0.00180            | 0.0133             | 1        | 04/02/2024 13:43        | <a href="#">WG2258712</a> |



Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis         | Batch                     |
|--------------|--------|-----------|----------|------------------|---------------------------|
|              | %      |           |          | date / time      |                           |
| Total Solids | 68.4   |           | 1        | 04/02/2024 12:06 | <a href="#">WG2258691</a> |

1  
Cp

2  
Tc

Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result (dry) | Qualifier           | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------------|--------------|---------------------|-----------|-----------|----------|------------------|---------------------------|
|                                 | mg/kg        |                     | mg/kg     | mg/kg     |          | date / time      |                           |
| Gasoline Range Organics-NWTPH   | 2.70         | <a href="#">B J</a> | 2.09      | 6.17      | 34.3     | 04/02/2024 13:42 | <a href="#">WG2258689</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 103          |                     |           | 77.0-120  |          | 04/02/2024 13:42 | <a href="#">WG2258689</a> |

3  
Ss

4  
Cn

5  
Ds

Volatile Organic Compounds (GC/MS) by Method 8260D

| Analyte                   | Result (dry) | Qualifier         | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------|--------------|-------------------|-----------|-----------|----------|------------------|---------------------------|
|                           | mg/kg        |                   | mg/kg     | mg/kg     |          | date / time      |                           |
| Benzene                   | 0.00163      | <a href="#">J</a> | 0.00160   | 0.00343   | 2.03     | 04/02/2024 12:25 | <a href="#">WG2258712</a> |
| Toluene                   | 0.0137       | <a href="#">J</a> | 0.00446   | 0.0172    | 2.03     | 04/02/2024 12:25 | <a href="#">WG2258712</a> |
| Ethylbenzene              | U            |                   | 0.00253   | 0.00858   | 2.03     | 04/02/2024 12:25 | <a href="#">WG2258712</a> |
| Xylenes, Total            | 0.00540      | <a href="#">J</a> | 0.00302   | 0.0223    | 2.03     | 04/02/2024 12:25 | <a href="#">WG2258712</a> |
| (S) Toluene-d8            | 98.5         |                   |           | 75.0-131  |          | 04/02/2024 12:25 | <a href="#">WG2258712</a> |
| (S) 4-Bromofluorobenzene  | 102          |                   |           | 67.0-138  |          | 04/02/2024 12:25 | <a href="#">WG2258712</a> |
| (S) 1,2-Dichloroethane-d4 | 110          |                   |           | 70.0-130  |          | 04/02/2024 12:25 | <a href="#">WG2258712</a> |

6  
Sr

7  
Qc

8  
Gl

9  
Al

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

| Analyte                       | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|-------------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                               | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Diesel Range Organics (DRO)   | U            |           | 1.94      | 5.85      | 1        | 04/02/2024 16:06 | <a href="#">WG2258718</a> |
| Residual Range Organics (RRO) | U            |           | 4.87      | 14.6      | 1        | 04/02/2024 16:06 | <a href="#">WG2258718</a> |
| (S) o-Terphenyl               | 34.5         |           |           | 18.0-148  |          | 04/02/2024 16:06 | <a href="#">WG2258718</a> |

10  
Sc

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis         | Batch                     |
|--------------|--------|-----------|----------|------------------|---------------------------|
|              | %      |           |          | date / time      |                           |
| Total Solids | 66.3   |           | 1        | 04/02/2024 12:06 | <a href="#">WG2258691</a> |

1  
Cp

2  
Tc

Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result (dry) | Qualifier           | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------------|--------------|---------------------|-----------|-----------|----------|------------------|---------------------------|
|                                 | mg/kg        |                     | mg/kg     | mg/kg     |          | date / time      |                           |
| Gasoline Range Organics-NWTPH   | 2.74         | <a href="#">B J</a> | 1.76      | 5.20      | 26       | 04/02/2024 14:04 | <a href="#">WG2258689</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 102          |                     |           | 77.0-120  |          | 04/02/2024 14:04 | <a href="#">WG2258689</a> |

3  
Ss

4  
Cn

5  
Ds

Volatile Organic Compounds (GC/MS) by Method 8260D

| Analyte                   | Result (dry) | Qualifier         | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------|--------------|-------------------|-----------|-----------|----------|------------------|---------------------------|
|                           | mg/kg        |                   | mg/kg     | mg/kg     |          | date / time      |                           |
| Benzene                   | 0.00139      | <a href="#">J</a> | 0.00130   | 0.00279   | 1.51     | 04/02/2024 12:44 | <a href="#">WG2258712</a> |
| Toluene                   | 0.0269       |                   | 0.00362   | 0.0139    | 1.51     | 04/02/2024 12:44 | <a href="#">WG2258712</a> |
| Ethylbenzene              | 0.0134       |                   | 0.00205   | 0.00697   | 1.51     | 04/02/2024 12:44 | <a href="#">WG2258712</a> |
| Xylenes, Total            | 0.0850       |                   | 0.00245   | 0.0181    | 1.51     | 04/02/2024 12:44 | <a href="#">WG2258712</a> |
| (S) Toluene-d8            | 94.8         |                   |           | 75.0-131  |          | 04/02/2024 12:44 | <a href="#">WG2258712</a> |
| (S) 4-Bromofluorobenzene  | 93.4         |                   |           | 67.0-138  |          | 04/02/2024 12:44 | <a href="#">WG2258712</a> |
| (S) 1,2-Dichloroethane-d4 | 107          |                   |           | 70.0-130  |          | 04/02/2024 12:44 | <a href="#">WG2258712</a> |

6  
Sr

7  
Qc

8  
Gl

9  
Al

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

| Analyte                       | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|-------------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                               | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Diesel Range Organics (DRO)   | U            |           | 2.01      | 6.03      | 1        | 04/02/2024 16:45 | <a href="#">WG2258718</a> |
| Residual Range Organics (RRO) | U            |           | 5.02      | 15.1      | 1        | 04/02/2024 16:45 | <a href="#">WG2258718</a> |
| (S) o-Terphenyl               | 25.6         |           |           | 18.0-148  |          | 04/02/2024 16:45 | <a href="#">WG2258718</a> |

10  
Sc

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis date / time | Batch                     |
|--------------|--------|-----------|----------|----------------------|---------------------------|
| Total Solids | 79.0   |           | 1        | 04/02/2024 12:06     | <a href="#">WG2258691</a> |

1  
Cp

2  
Tc

Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result (dry) mg/kg | Qualifier           | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------------|--------------------|---------------------|-----------------|-----------------|----------|----------------------|---------------------------|
| Gasoline Range Organics-NWTPH   | 2.10               | <a href="#">B J</a> | 1.69            | 5.00            | 34.3     | 04/02/2024 14:27     | <a href="#">WG2258689</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 101                |                     |                 | 77.0-120        |          | 04/02/2024 14:27     | <a href="#">WG2258689</a> |

3  
Ss

4  
Cn

5  
Ds

Volatile Organic Compounds (GC/MS) by Method 8260D

| Analyte                   | Result (dry) mg/kg | Qualifier         | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------|--------------------|-------------------|-----------------|-----------------|----------|----------------------|---------------------------|
| Benzene                   | 0.000869           | <a href="#">J</a> | 0.000730        | 0.00156         | 1        | 04/02/2024 13:04     | <a href="#">WG2258712</a> |
| Toluene                   | U                  |                   | 0.00203         | 0.00781         | 1        | 04/02/2024 13:04     | <a href="#">WG2258712</a> |
| Ethylbenzene              | 0.00136            | <a href="#">J</a> | 0.00115         | 0.00391         | 1        | 04/02/2024 13:04     | <a href="#">WG2258712</a> |
| Xylenes, Total            | U                  |                   | 0.00137         | 0.0102          | 1        | 04/02/2024 13:04     | <a href="#">WG2258712</a> |
| (S) Toluene-d8            | 98.1               |                   |                 | 75.0-131        |          | 04/02/2024 13:04     | <a href="#">WG2258712</a> |
| (S) 4-Bromofluorobenzene  | 95.7               |                   |                 | 67.0-138        |          | 04/02/2024 13:04     | <a href="#">WG2258712</a> |
| (S) 1,2-Dichloroethane-d4 | 106                |                   |                 | 70.0-130        |          | 04/02/2024 13:04     | <a href="#">WG2258712</a> |

6  
Sr

7  
Qc

8  
Gl

9  
Al

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

| Analyte                       | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|-------------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Diesel Range Organics (DRO)   | U                  |           | 1.68            | 5.06            | 1        | 04/02/2024 16:58     | <a href="#">WG2258718</a> |
| Residual Range Organics (RRO) | U                  |           | 4.21            | 12.7            | 1        | 04/02/2024 16:58     | <a href="#">WG2258718</a> |
| (S) o-Terphenyl               | 45.7               |           |                 | 18.0-148        |          | 04/02/2024 16:58     | <a href="#">WG2258718</a> |

10  
Sc

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis         | Batch                     |
|--------------|--------|-----------|----------|------------------|---------------------------|
|              | %      |           |          | date / time      |                           |
| Total Solids | 63.5   |           | 1        | 04/02/2024 12:06 | <a href="#">WG2258691</a> |

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result (dry) | Qualifier           | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------------|--------------|---------------------|-----------|-----------|----------|------------------|---------------------------|
|                                 | mg/kg        |                     | mg/kg     | mg/kg     |          | date / time      |                           |
| Gasoline Range Organics-NWTPH   | 4.74         | <a href="#">B J</a> | 2.09      | 6.15      | 30       | 04/02/2024 14:50 | <a href="#">WG2258689</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 101          |                     |           | 77.0-120  |          | 04/02/2024 14:50 | <a href="#">WG2258689</a> |

Volatile Organic Compounds (GC/MS) by Method 8260D

| Analyte                   | Result (dry) | Qualifier         | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------|--------------|-------------------|-----------|-----------|----------|------------------|---------------------------|
|                           | mg/kg        |                   | mg/kg     | mg/kg     |          | date / time      |                           |
| Benzene                   | 0.00182      | <a href="#">J</a> | 0.00136   | 0.00290   | 1.48     | 04/02/2024 13:24 | <a href="#">WG2258712</a> |
| Toluene                   | U            |                   | 0.00377   | 0.0145    | 1.48     | 04/02/2024 13:24 | <a href="#">WG2258712</a> |
| Ethylbenzene              | U            |                   | 0.00214   | 0.00726   | 1.48     | 04/02/2024 13:24 | <a href="#">WG2258712</a> |
| Xylenes, Total            | U            |                   | 0.00255   | 0.0189    | 1.48     | 04/02/2024 13:24 | <a href="#">WG2258712</a> |
| (S) Toluene-d8            | 101          |                   |           | 75.0-131  |          | 04/02/2024 13:24 | <a href="#">WG2258712</a> |
| (S) 4-Bromofluorobenzene  | 100          |                   |           | 67.0-138  |          | 04/02/2024 13:24 | <a href="#">WG2258712</a> |
| (S) 1,2-Dichloroethane-d4 | 101          |                   |           | 70.0-130  |          | 04/02/2024 13:24 | <a href="#">WG2258712</a> |

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

| Analyte                       | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|-------------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                               | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Diesel Range Organics (DRO)   | U            |           | 2.09      | 6.30      | 1        | 04/02/2024 17:11 | <a href="#">WG2258718</a> |
| Residual Range Organics (RRO) | U            |           | 5.24      | 15.7      | 1        | 04/02/2024 17:11 | <a href="#">WG2258718</a> |
| (S) o-Terphenyl               | 32.4         |           |           | 18.0-148  |          | 04/02/2024 17:11 | <a href="#">WG2258718</a> |

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis         | Batch                     |
|--------------|--------|-----------|----------|------------------|---------------------------|
|              | %      |           |          | date / time      |                           |
| Total Solids | 69.3   |           | 1        | 04/02/2024 12:06 | <a href="#">WG2258691</a> |

1  
Cp

2  
Tc

Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result (dry) | Qualifier           | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------------|--------------|---------------------|-----------|-----------|----------|------------------|---------------------------|
|                                 | mg/kg        |                     | mg/kg     | mg/kg     |          | date / time      |                           |
| Gasoline Range Organics-NWTPH   | 2.80         | <a href="#">B J</a> | 2.03      | 6.02      | 34       | 04/02/2024 15:13 | <a href="#">WG2258689</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 102          |                     |           | 77.0-120  |          | 04/02/2024 15:13 | <a href="#">WG2258689</a> |

3  
Ss

4  
Cn

5  
Ds

Volatile Organic Compounds (GC/MS) by Method 8260D

| Analyte                   | Result (dry) | Qualifier         | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------|--------------|-------------------|-----------|-----------|----------|------------------|---------------------------|
|                           | mg/kg        |                   | mg/kg     | mg/kg     |          | date / time      |                           |
| Benzene                   | U            |                   | 0.000954  | 0.00204   | 1        | 04/02/2024 13:43 | <a href="#">WG2258712</a> |
| Toluene                   | U            |                   | 0.00266   | 0.0102    | 1        | 04/02/2024 13:43 | <a href="#">WG2258712</a> |
| Ethylbenzene              | U            |                   | 0.00151   | 0.00511   | 1        | 04/02/2024 13:43 | <a href="#">WG2258712</a> |
| Xylenes, Total            | 0.00239      | <a href="#">J</a> | 0.00180   | 0.0133    | 1        | 04/02/2024 13:43 | <a href="#">WG2258712</a> |
| (S) Toluene-d8            | 99.6         |                   |           | 75.0-131  |          | 04/02/2024 13:43 | <a href="#">WG2258712</a> |
| (S) 4-Bromofluorobenzene  | 101          |                   |           | 67.0-138  |          | 04/02/2024 13:43 | <a href="#">WG2258712</a> |
| (S) 1,2-Dichloroethane-d4 | 109          |                   |           | 70.0-130  |          | 04/02/2024 13:43 | <a href="#">WG2258712</a> |

6  
Sr

7  
Qc

8  
Gl

9  
Al

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

| Analyte                       | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|-------------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                               | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Diesel Range Organics (DRO)   | U            |           | 1.92      | 5.77      | 1        | 04/02/2024 17:24 | <a href="#">WG2258718</a> |
| Residual Range Organics (RRO) | U            |           | 4.81      | 14.4      | 1        | 04/02/2024 17:24 | <a href="#">WG2258718</a> |
| (S) o-Terphenyl               | 59.3         |           |           | 18.0-148  |          | 04/02/2024 17:24 | <a href="#">WG2258718</a> |

10  
Sc

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis         | Batch                     |
|--------------|--------|-----------|----------|------------------|---------------------------|
|              | %      |           |          | date / time      |                           |
| Total Solids | 65.1   |           | 1        | 04/02/2024 12:06 | <a href="#">WG2258691</a> |

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                                 | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Gasoline Range Organics-NWTPH   | U            |           | 2.78      | 8.18      | 44.5     | 04/02/2024 15:36 | <a href="#">WG2258689</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 102          |           |           | 77.0-120  |          | 04/02/2024 15:36 | <a href="#">WG2258689</a> |

Volatile Organic Compounds (GC/MS) by Method 8260D

| Analyte                   | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                           | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Benzene                   | U            |           | 0.00120   | 0.00256   | 1.32     | 04/02/2024 14:03 | <a href="#">WG2258712</a> |
| Toluene                   | U            |           | 0.00334   | 0.0128    | 1.32     | 04/02/2024 14:03 | <a href="#">WG2258712</a> |
| Ethylbenzene              | U            |           | 0.00189   | 0.00641   | 1.32     | 04/02/2024 14:03 | <a href="#">WG2258712</a> |
| Xylenes, Total            | U            |           | 0.00225   | 0.0167    | 1.32     | 04/02/2024 14:03 | <a href="#">WG2258712</a> |
| (S) Toluene-d8            | 98.9         |           |           | 75.0-131  |          | 04/02/2024 14:03 | <a href="#">WG2258712</a> |
| (S) 4-Bromofluorobenzene  | 99.6         |           |           | 67.0-138  |          | 04/02/2024 14:03 | <a href="#">WG2258712</a> |
| (S) 1,2-Dichloroethane-d4 | 106          |           |           | 70.0-130  |          | 04/02/2024 14:03 | <a href="#">WG2258712</a> |

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

| Analyte                       | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|-------------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                               | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Diesel Range Organics (DRO)   | U            |           | 2.04      | 6.15      | 1        | 04/02/2024 17:37 | <a href="#">WG2258718</a> |
| Residual Range Organics (RRO) | U            |           | 5.12      | 15.4      | 1        | 04/02/2024 17:37 | <a href="#">WG2258718</a> |
| (S) o-Terphenyl               | 24.5         |           |           | 18.0-148  |          | 04/02/2024 17:37 | <a href="#">WG2258718</a> |

Method Blank (MB)

(MB) R4052902-1 04/02/24 12:06

|              | MB Result | <u>MB Qualifier</u> | MB MDL | MB RDL |
|--------------|-----------|---------------------|--------|--------|
| Analyte      | %         |                     | %      | %      |
| Total Solids | 0.000     |                     |        |        |

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Ds

<sup>6</sup>Sr

<sup>7</sup>Qc

<sup>8</sup>Gl

<sup>9</sup>Al

<sup>10</sup>Sc

L1721079-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1721079-04 04/02/24 12:06 • (DUP) R4052902-3 04/02/24 12:06

|              | Original Result | DUP Result | Dilution | DUP RPD | <u>DUP Qualifier</u> | DUP RPD Limits |
|--------------|-----------------|------------|----------|---------|----------------------|----------------|
| Analyte      | %               | %          |          | %       |                      | %              |
| Total Solids | 83.0            | 82.5       | 1        | 0.567   |                      | 10             |

Laboratory Control Sample (LCS)

(LCS) R4052902-2 04/02/24 12:06

|              | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | <u>LCS Qualifier</u> |
|--------------|--------------|------------|----------|-------------|----------------------|
| Analyte      | %            | %          | %        | %           |                      |
| Total Solids | 50.0         | 50.0       | 100      | 90.0-110    |                      |

Method Blank (MB)

(MB) R4052849-3 04/02/24 12:17

| Analyte                            | MB Result<br>mg/kg | MB Qualifier | MB MDL<br>mg/kg | MB RDL<br>mg/kg |
|------------------------------------|--------------------|--------------|-----------------|-----------------|
| Gasoline Range Organics-NWTPH      | 1.26               | J            | 0.848           | 2.50            |
| (S)<br>a,a,a-Trifluorotoluene(FID) | 110                |              |                 | 77.0-120        |

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4052849-1 04/02/24 09:41 • (LCSD) R4052849-2 04/02/24 11:15

| Analyte                            | Spike Amount<br>mg/kg | LCS Result<br>mg/kg | LCSD Result<br>mg/kg | LCS Rec.<br>% | LCSD Rec.<br>% | Rec. Limits<br>% | LCS Qualifier | LCSD Qualifier | RPD<br>% | RPD Limits<br>% |
|------------------------------------|-----------------------|---------------------|----------------------|---------------|----------------|------------------|---------------|----------------|----------|-----------------|
| Gasoline Range Organics-NWTPH      | 5.00                  | 5.69                | 5.35                 | 114           | 107            | 71.0-124         |               |                | 6.16     | 20              |
| (S)<br>a,a,a-Trifluorotoluene(FID) |                       |                     |                      | 115           | 113            | 77.0-120         |               |                |          |                 |

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Method Blank (MB)

(MB) R4052830-3 04/02/24 10:47

| Analyte                   | MB Result<br>mg/kg | MB Qualifier | MB MDL<br>mg/kg | MB RDL<br>mg/kg |
|---------------------------|--------------------|--------------|-----------------|-----------------|
| Benzene                   | U                  |              | 0.000467        | 0.00100         |
| Toluene                   | U                  |              | 0.00130         | 0.00500         |
| Ethylbenzene              | U                  |              | 0.000737        | 0.00250         |
| Xylenes, Total            | U                  |              | 0.000880        | 0.00650         |
| (S) Toluene-d8            | 99.6               |              |                 | 75.0-131        |
| (S) 4-Bromofluorobenzene  | 91.6               |              |                 | 67.0-138        |
| (S) 1,2-Dichloroethane-d4 | 104                |              |                 | 70.0-130        |

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4052830-1 04/02/24 09:09 • (LCSD) R4052830-2 04/02/24 09:29

| Analyte                   | Spike Amount<br>mg/kg | LCS Result<br>mg/kg | LCSD Result<br>mg/kg | LCS Rec.<br>% | LCSD Rec.<br>% | Rec. Limits<br>% | LCS Qualifier | LCSD Qualifier | RPD<br>% | RPD Limits<br>% |
|---------------------------|-----------------------|---------------------|----------------------|---------------|----------------|------------------|---------------|----------------|----------|-----------------|
| Benzene                   | 0.125                 | 0.134               | 0.134                | 107           | 107            | 70.0-123         |               |                | 0.000    | 20              |
| Toluene                   | 0.125                 | 0.126               | 0.129                | 101           | 103            | 75.0-121         |               |                | 2.35     | 20              |
| Ethylbenzene              | 0.125                 | 0.114               | 0.112                | 91.2          | 89.6           | 74.0-126         |               |                | 1.77     | 20              |
| Xylenes, Total            | 0.375                 | 0.342               | 0.343                | 91.2          | 91.5           | 72.0-127         |               |                | 0.292    | 20              |
| (S) Toluene-d8            |                       |                     |                      | 92.3          | 95.8           | 75.0-131         |               |                |          |                 |
| (S) 4-Bromofluorobenzene  |                       |                     |                      | 90.6          | 91.3           | 67.0-138         |               |                |          |                 |
| (S) 1,2-Dichloroethane-d4 |                       |                     |                      | 112           | 111            | 70.0-130         |               |                |          |                 |

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Method Blank (MB)

(MB) R4052926-1 04/02/24 15:41

| Analyte                       | MB Result<br>mg/kg | MB Qualifier | MB MDL<br>mg/kg | MB RDL<br>mg/kg |
|-------------------------------|--------------------|--------------|-----------------|-----------------|
| Diesel Range Organics (DRO)   | U                  |              | 1.33            | 4.00            |
| Residual Range Organics (RRO) | U                  |              | 3.33            | 10.0            |
| (S) o-Terphenyl               | 70.0               |              |                 | 18.0-148        |

Laboratory Control Sample (LCS)

(LCS) R4052926-2 04/02/24 15:53

| Analyte                     | Spike Amount<br>mg/kg | LCS Result<br>mg/kg | LCS Rec.<br>% | Rec. Limits<br>% | LCS Qualifier |
|-----------------------------|-----------------------|---------------------|---------------|------------------|---------------|
| Diesel Range Organics (DRO) | 50.0                  | 41.8                | 83.6          | 50.0-150         |               |
| (S) o-Terphenyl             |                       |                     | 67.9          | 18.0-148         |               |

L1721084-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1721084-01 04/02/24 16:06 • (MS) R4052926-3 04/02/24 16:19 • (MSD) R4052926-4 04/02/24 16:32

| Analyte                     | Spike Amount<br>(dry)<br>mg/kg | Original Result<br>(dry)<br>mg/kg | MS Result (dry)<br>mg/kg | MSD Result<br>(dry)<br>mg/kg | MS Rec.<br>% | MSD Rec.<br>% | Dilution | Rec. Limits<br>% | MS Qualifier | MSD Qualifier | RPD<br>% | RPD Limits<br>% |
|-----------------------------|--------------------------------|-----------------------------------|--------------------------|------------------------------|--------------|---------------|----------|------------------|--------------|---------------|----------|-----------------|
| Diesel Range Organics (DRO) | 71.5                           | U                                 | 53.3                     | 53.6                         | 74.6         | 74.6          | 1        | 50.0-150         |              |               | 0.546    | 20              |
| (S) o-Terphenyl             |                                |                                   |                          |                              | 54.9         | 52.4          |          | 18.0-148         |              |               |          |                 |

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

# GLOSSARY OF TERMS

## Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

## Abbreviations and Definitions

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (dry)                        | Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].                                                                                                                                                                                                                                                                                                                                                                                                   |
| MDL                          | Method Detection Limit.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| MDL (dry)                    | Method Detection Limit.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| RDL                          | Reported Detection Limit.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| RDL (dry)                    | Reported Detection Limit.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Rec.                         | Recovery.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| RPD                          | Relative Percent Difference.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| SDG                          | Sample Delivery Group.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| (S)                          | Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.                                                                                                                                                                                                                                               |
| U                            | Not detected at the Reporting Limit (or MDL where applicable).                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Analyte                      | The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.                                                                                                                                                                                                                                                                                                                                                                                                 |
| Dilution                     | If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.                                                                                    |
| Limits                       | These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.                                                                                                                                                                                                                                                      |
| Original Sample              | The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.                                                                                                                                                                                                                                                                                                                            |
| Qualifier                    | This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.                                                                                                                                                                  |
| Result                       | The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte. |
| Uncertainty (Radiochemistry) | Confidence level of 2 sigma.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Case Narrative (Cn)          | A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.                                                                                                                                                                          |
| Quality Control Summary (Qc) | This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.                                                                                                                                                                                              |
| Sample Chain of Custody (Sc) | This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.                                                              |
| Sample Results (Sr)          | This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.                                                                                                                                                                                             |
| Sample Summary (Ss)          | This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.                                                                                                                                                                                                                                                                                                                                                            |

## Qualifier Description

|   |                                                                                     |
|---|-------------------------------------------------------------------------------------|
| B | The same analyte is found in the associated blank.                                  |
| J | The identification of the analyte is acceptable; the reported value is an estimate. |



# ACCREDITATIONS & LOCATIONS

## Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

|                               |             |                             |                  |
|-------------------------------|-------------|-----------------------------|------------------|
| Alabama                       | 40660       | Nebraska                    | NE-OS-15-05      |
| Alaska                        | 17-026      | Nevada                      | TN000032021-1    |
| Arizona                       | AZ0612      | New Hampshire               | 2975             |
| Arkansas                      | 88-0469     | New Jersey–NELAP            | TN002            |
| California                    | 2932        | New Mexico <sup>1</sup>     | TN00003          |
| Colorado                      | TN00003     | New York                    | 11742            |
| Connecticut                   | PH-0197     | North Carolina              | Env375           |
| Florida                       | E87487      | North Carolina <sup>1</sup> | DW21704          |
| Georgia                       | NELAP       | North Carolina <sup>3</sup> | 41               |
| Georgia <sup>1</sup>          | 923         | North Dakota                | R-140            |
| Idaho                         | TN00003     | Ohio–VAP                    | CL0069           |
| Illinois                      | 200008      | Oklahoma                    | 9915             |
| Indiana                       | C-TN-01     | Oregon                      | TN200002         |
| Iowa                          | 364         | Pennsylvania                | 68-02979         |
| Kansas                        | E-10277     | Rhode Island                | LA000356         |
| Kentucky <sup>1,6</sup>       | KY90010     | South Carolina              | 84004002         |
| Kentucky <sup>2</sup>         | 16          | South Dakota                | n/a              |
| Louisiana                     | AI30792     | Tennessee <sup>1,4</sup>    | 2006             |
| Louisiana                     | LA018       | Texas                       | T104704245-20-18 |
| Maine                         | TN00003     | Texas <sup>5</sup>          | LAB0152          |
| Maryland                      | 324         | Utah                        | TN000032021-11   |
| Massachusetts                 | M-TN003     | Vermont                     | VT2006           |
| Michigan                      | 9958        | Virginia                    | 110033           |
| Minnesota                     | 047-999-395 | Washington                  | C847             |
| Mississippi                   | TN00003     | West Virginia               | 233              |
| Missouri                      | 340         | Wisconsin                   | 998093910        |
| Montana                       | CERT0086    | Wyoming                     | A2LA             |
| A2LA – ISO 17025              | 1461.01     | AIHA-LAP, LLC EMLAP         | 100789           |
| A2LA – ISO 17025 <sup>5</sup> | 1461.02     | DOD                         | 1461.01          |
| Canada                        | 1461.01     | USDA                        | P330-15-00234    |
| EPA–Crypto                    | TN00003     |                             |                  |

<sup>1</sup> Drinking Water <sup>2</sup> Underground Storage Tanks <sup>3</sup> Aquatic Toxicity <sup>4</sup> Chemical/Microbiological <sup>5</sup> Mold <sup>6</sup> Wastewater n/a Accreditation not applicable

\* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

\* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.



## BPLAMP - WSP

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Chelsea Foster  
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Redmond, WA 98052

Report to:

Chelsea Foster E. Dave Tully

Email To: chelsea.foster@wsp.com

david.tully@wsp.com

Project Description:

BP Conway

City/State

Collected: Conway / WA

Please Circle:

(PT MT CT ET)

Phone: 360-820-3400

Client Project #

US-EI-3205231876

Lab Project #

BPLAMPWSP-CONWAY

Collected by (print):

Grant Busse

Site/Facility ID #

P.O. #

Collected by (signature):

Grant Busse

Rush? (Lab MUST Be Notified)

☒ Same Day ☐ Five Day  
☐ Next Day ☐ 5 Day (Rad Only)  
☐ Two Day ☐ 10 Day (Rad Only)  
☐ Three Day

Quote #

Date Results Needed

Immediately

Packed on Ice N ☐ Y ☒Pres  
Chk

Analysis / Container / Preservative

Chain of Custody Page \_\_\_ of \_\_\_



MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122  
Submitting a sample via this chain of custody  
constitutes acknowledgment and acceptance of the  
Pace Terms and Conditions found at:  
<https://info.pacelabs.com/hubs/pas-standard-terms.pdf>

SDG #

F033

Acctnum: BPLAMPWSP

Template: T250109

Prelogin: P1066488

PM: 546 - Jared Starkey

PB: 3-29-246m

Shipped Via:

Remarks

Sample # (lab only)

| Sample ID           | Comp/Grab | Matrix * | Depth | Date   | Time  | No.<br>of<br>Cnts | NWTPHDX 4ozClr-NoPres | NWTPHGX 40mlAmb/MeOH10ml/Syr | V82608TEX 40mlAmb/MeOH10ml/Syr |  |  |  |  |  |  |  |  |  |     |
|---------------------|-----------|----------|-------|--------|-------|-------------------|-----------------------|------------------------------|--------------------------------|--|--|--|--|--|--|--|--|--|-----|
| B10-30-East         | Grab      | SS       | 30"   | 4/1/24 | 12:50 | 3                 | X                     | X                            | X                              |  |  |  |  |  |  |  |  |  |     |
| B10-34-North        |           | SS       | 34"   |        | 12:05 |                   |                       |                              |                                |  |  |  |  |  |  |  |  |  | -01 |
| B10-33-South        |           | SS       | 33"   |        | 11:30 |                   |                       |                              |                                |  |  |  |  |  |  |  |  |  | -02 |
| B10-28-West         |           | SS       | 28"   |        | 11:00 |                   |                       |                              |                                |  |  |  |  |  |  |  |  |  | -03 |
| B10-36-Center floor |           | SS       | 36"   |        | 10:40 |                   |                       |                              |                                |  |  |  |  |  |  |  |  |  | -04 |
| Ap 1                |           | SS       |       |        |       |                   |                       |                              |                                |  |  |  |  |  |  |  |  |  | -05 |
|                     |           |          |       |        |       |                   |                       |                              |                                |  |  |  |  |  |  |  |  |  | -06 |
|                     |           |          |       |        |       |                   |                       |                              |                                |  |  |  |  |  |  |  |  |  | -07 |
|                     |           |          |       |        |       |                   |                       |                              |                                |  |  |  |  |  |  |  |  |  | -08 |
|                     |           |          |       |        |       |                   |                       |                              |                                |  |  |  |  |  |  |  |  |  | -09 |
|                     |           |          |       |        |       |                   |                       |                              |                                |  |  |  |  |  |  |  |  |  | -10 |
|                     |           |          |       |        |       |                   |                       |                              |                                |  |  |  |  |  |  |  |  |  | -11 |
|                     |           |          |       |        |       |                   |                       |                              |                                |  |  |  |  |  |  |  |  |  | -12 |
|                     |           |          |       |        |       |                   |                       |                              |                                |  |  |  |  |  |  |  |  |  | -13 |
|                     |           |          |       |        |       |                   |                       |                              |                                |  |  |  |  |  |  |  |  |  | -14 |
|                     |           |          |       |        |       |                   |                       |                              |                                |  |  |  |  |  |  |  |  |  | -15 |
|                     |           |          |       |        |       |                   |                       |                              |                                |  |  |  |  |  |  |  |  |  | -16 |
|                     |           |          |       |        |       |                   |                       |                              |                                |  |  |  |  |  |  |  |  |  | -17 |
|                     |           |          |       |        |       |                   |                       |                              |                                |  |  |  |  |  |  |  |  |  | -18 |
|                     |           |          |       |        |       |                   |                       |                              |                                |  |  |  |  |  |  |  |  |  | -19 |
|                     |           |          |       |        |       |                   |                       |                              |                                |  |  |  |  |  |  |  |  |  | -20 |

\* Matrix:

SS - Soil AIR - Air F - Filter  
GW - Groundwater B - Bioassay  
WW - WasteWater  
DW - Drinking Water  
OT - Other

Remarks:

pH \_\_\_\_\_ Temp \_\_\_\_\_

Flow \_\_\_\_\_ Other \_\_\_\_\_

Samples returned via:

\_\_\_ UPS \_\_\_ FedEx \_\_\_ Courier

Tracking #

Relinquished by: (Signature)

Grant Busse

Date:

4/1/24

Time:

1500

Received by: (Signature)

Trip Blank Received: Yes/No

HCL / MeOH  
TBR

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp: 105-106 °C

Bottles Received: 18

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date:

Time:

Hold:

Condition:

NCF / OK

## Sample Receipt Checklist

COC Seal Present/Intact: ☒ NP ☐ Y ☐ N  
COC Signed/Accurate: ☒ Y ☐ N  
Bottles arrive intact: ☒ Y ☐ N  
Correct bottles used: ☒ Y ☐ N  
Sufficient volume sent: ☒ Y ☐ N  
If Applicable  
VOA Zero Headspace: ☒ Y ☐ N  
Preservation Correct/Checked: ☒ Y ☐ N  
RAD Screen <0.5 mR/hr: ☒ Y ☐ N



# ANALYTICAL REPORT

April 24, 2024

Revised Report

## BPLAMP - WSP

Sample Delivery Group: L1725709  
Samples Received: 04/13/2024  
Project Number: US-EJ-3205231876  
Description: BP Conway  
Site: US-EI-CW-203383  
Report To: Chelsea Foster  
18300 Redmond Way  
Suite 200  
Redmond, WA 98052

Entire Report Reviewed By:

Jared Starkey  
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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# SAMPLE SUMMARY

## WSP-B-1-4' L1725709-01 Solid

Collected by  
Grant Busse

Collected date/time  
04/11/24 09:45

Received date/time  
04/13/24 09:00

| Method                                                     | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|------------------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                         | WG2267248 | 1        | 04/15/24 11:31        | 04/15/24 11:40     | CMB     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method NWTPHGX          | WG2266880 | 25       | 04/11/24 09:45        | 04/14/24 14:08     | ADM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D         | WG2266897 | 1        | 04/11/24 09:45        | 04/14/24 13:09     | ADM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D         | WG2267083 | 4        | 04/11/24 09:45        | 04/15/24 12:43     | JAH     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT | WG2266739 | 1        | 04/14/24 06:48        | 04/14/24 21:58     | KAP     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT | WG2266739 | 2        | 04/14/24 06:48        | 04/15/24 14:50     | NH      | Mt. Juliet, TN |



## WSP-B-1-6' L1725709-02 Solid

Collected by  
Grant Busse

Collected date/time  
04/11/24 09:50

Received date/time  
04/13/24 09:00

| Method                                                     | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|------------------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                         | WG2267248 | 1        | 04/15/24 11:31        | 04/15/24 11:40     | CMB     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method NWTPHGX          | WG2266880 | 25       | 04/11/24 09:50        | 04/14/24 15:49     | ADM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D         | WG2266897 | 1        | 04/11/24 09:50        | 04/14/24 13:29     | ADM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D         | WG2267083 | 1        | 04/11/24 09:50        | 04/15/24 12:24     | JAH     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT | WG2266739 | 1        | 04/14/24 06:48        | 04/15/24 13:30     | NH      | Mt. Juliet, TN |

## WSP-B-1-8' L1725709-03 Solid

Collected by  
Grant Busse

Collected date/time  
04/11/24 09:55

Received date/time  
04/13/24 09:00

| Method                                                     | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|------------------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                         | WG2267248 | 1        | 04/15/24 11:31        | 04/15/24 11:40     | CMB     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method NWTPHGX          | WG2266880 | 25       | 04/11/24 09:55        | 04/14/24 16:09     | ADM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D         | WG2266897 | 1        | 04/11/24 09:55        | 04/14/24 13:49     | ADM     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT | WG2266739 | 1        | 04/14/24 06:48        | 04/15/24 13:43     | NH      | Mt. Juliet, TN |

## WSP-B-2-10' L1725709-04 Solid

Collected by  
Grant Busse

Collected date/time  
04/11/24 10:50

Received date/time  
04/13/24 09:00

| Method                                                     | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|------------------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                         | WG2267248 | 1        | 04/15/24 11:31        | 04/15/24 11:40     | CMB     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method NWTPHGX          | WG2266880 | 25       | 04/11/24 10:50        | 04/14/24 16:28     | ADM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D         | WG2266897 | 1        | 04/11/24 10:50        | 04/14/24 14:09     | ADM     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT | WG2266739 | 1        | 04/14/24 06:48        | 04/14/24 23:03     | KAP     | Mt. Juliet, TN |

## WSP-B-2-12' L1725709-05 Solid

Collected by  
Grant Busse

Collected date/time  
04/11/24 10:55

Received date/time  
04/13/24 09:00

| Method                                                     | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|------------------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                         | WG2267248 | 1        | 04/15/24 11:31        | 04/15/24 11:40     | CMB     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method NWTPHGX          | WG2266880 | 28.5     | 04/11/24 10:55        | 04/14/24 17:52     | ADM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D         | WG2266897 | 1.14     | 04/11/24 10:55        | 04/14/24 14:29     | ADM     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT | WG2266739 | 1        | 04/14/24 06:48        | 04/15/24 13:57     | NH      | Mt. Juliet, TN |

## WSP-B-3-8' L1725709-07 Solid

Collected by  
Grant Busse

Collected date/time  
04/11/24 11:40

Received date/time  
04/13/24 09:00

| Method                                             | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|----------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                 | WG2267248 | 1        | 04/15/24 11:31        | 04/15/24 11:40     | CMB     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method NWTPHGX  | WG2266880 | 25       | 04/11/24 11:40        | 04/14/24 18:11     | ADM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D | WG2266897 | 1        | 04/11/24 11:40        | 04/14/24 14:49     | ADM     | Mt. Juliet, TN |

# SAMPLE SUMMARY

## WSP-B-3-8' L1725709-07 Solid

Collected by  
Grant Busse

Collected date/time  
04/11/24 11:40

Received date/time  
04/13/24 09:00

| Method                                                     | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|------------------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT | WG2266739 | 1        | 04/14/24 06:48        | 04/15/24 00:09     | KAP     | Mt. Juliet, TN |

<sup>1</sup> Cp

<sup>2</sup> Tc

## WSP-B-3-10' L1725709-08 Solid

Collected by  
Grant Busse

Collected date/time  
04/11/24 11:50

Received date/time  
04/13/24 09:00

| Method                                                     | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|------------------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                         | WG2267248 | 1        | 04/15/24 11:31        | 04/15/24 11:40     | CMB     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method NWTPHGX          | WG2266880 | 25       | 04/11/24 11:50        | 04/14/24 18:31     | ADM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D         | WG2266897 | 1        | 04/11/24 11:50        | 04/14/24 15:09     | ADM     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT | WG2266739 | 1        | 04/14/24 06:48        | 04/15/24 00:22     | KAP     | Mt. Juliet, TN |

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Ds

<sup>6</sup> Sr

## WSP-B-3-15' L1725709-09 Solid

Collected by  
Grant Busse

Collected date/time  
04/11/24 11:55

Received date/time  
04/13/24 09:00

| Method                                                     | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|------------------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                         | WG2267248 | 1        | 04/15/24 11:31        | 04/15/24 11:40     | CMB     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method NWTPHGX          | WG2269343 | 25       | 04/11/24 11:55        | 04/18/24 00:40     | JHH     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D         | WG2269286 | 1        | 04/11/24 11:55        | 04/17/24 19:44     | DWR     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT | WG2270659 | 1        | 04/19/24 06:16        | 04/19/24 14:33     | JAS     | Mt. Juliet, TN |

<sup>7</sup> Qc

<sup>8</sup> Gl

<sup>9</sup> Al

<sup>10</sup> Sc

## WSP-B-4-6' L1725709-10 Solid

Collected by  
Grant Busse

Collected date/time  
04/11/24 12:30

Received date/time  
04/13/24 09:00

| Method                                                     | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|------------------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                         | WG2267248 | 1        | 04/15/24 11:31        | 04/15/24 11:40     | CMB     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method NWTPHGX          | WG2266880 | 25       | 04/11/24 12:30        | 04/14/24 20:01     | ADM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D         | WG2266897 | 1        | 04/11/24 12:30        | 04/14/24 15:30     | ADM     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT | WG2266739 | 1        | 04/14/24 06:48        | 04/15/24 00:35     | KAP     | Mt. Juliet, TN |

## WSP-B-4-10' L1725709-11 Solid

Collected by  
Grant Busse

Collected date/time  
04/11/24 12:35

Received date/time  
04/13/24 09:00

| Method                                                     | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|------------------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                         | WG2267249 | 1        | 04/15/24 11:20        | 04/15/24 11:29     | CMB     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method NWTPHGX          | WG2266880 | 25       | 04/11/24 12:35        | 04/14/24 20:20     | ADM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D         | WG2266897 | 1        | 04/11/24 12:35        | 04/14/24 15:50     | ADM     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT | WG2266739 | 1        | 04/14/24 06:48        | 04/15/24 14:10     | JAS     | Mt. Juliet, TN |

## WSP-B-4-15' L1725709-12 Solid

Collected by  
Grant Busse

Collected date/time  
04/11/24 12:40

Received date/time  
04/13/24 09:00

| Method                                                     | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|------------------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                         | WG2267249 | 1        | 04/15/24 11:20        | 04/15/24 11:29     | CMB     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method NWTPHGX          | WG2269343 | 26.3     | 04/11/24 12:40        | 04/18/24 01:04     | JHH     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D         | WG2269286 | 1.05     | 04/11/24 12:40        | 04/17/24 20:03     | DWR     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT | WG2270659 | 1        | 04/19/24 06:16        | 04/19/24 14:46     | JAS     | Mt. Juliet, TN |

# SAMPLE SUMMARY

## WSP-B-5-6' L1725709-13 Solid

|                                                            |           |          |                       | Collected by<br>Grant Busse | Collected date/time<br>04/11/24 14:15 | Received date/time<br>04/13/24 09:00 |
|------------------------------------------------------------|-----------|----------|-----------------------|-----------------------------|---------------------------------------|--------------------------------------|
| Method                                                     | Batch     | Dilution | Preparation date/time | Analysis date/time          | Analyst                               | Location                             |
| Total Solids by Method 2540 G-2011                         | WG2267249 | 1        | 04/15/24 11:20        | 04/15/24 11:29              | CMB                                   | Mt. Juliet, TN                       |
| Volatile Organic Compounds (GC) by Method NWTPHGX          | WG2266880 | 25       | 04/11/24 14:15        | 04/14/24 20:39              | ADM                                   | Mt. Juliet, TN                       |
| Volatile Organic Compounds (GC/MS) by Method 8260D         | WG2266897 | 1        | 04/11/24 14:15        | 04/14/24 16:10              | ADM                                   | Mt. Juliet, TN                       |
| Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT | WG2266739 | 1        | 04/14/24 06:48        | 04/15/24 01:01              | KAP                                   | Mt. Juliet, TN                       |

## WSP-B-5-10' L1725709-14 Solid

|                                                            |           |          |                       | Collected by<br>Grant Busse | Collected date/time<br>04/11/24 14:20 | Received date/time<br>04/13/24 09:00 |
|------------------------------------------------------------|-----------|----------|-----------------------|-----------------------------|---------------------------------------|--------------------------------------|
| Method                                                     | Batch     | Dilution | Preparation date/time | Analysis date/time          | Analyst                               | Location                             |
| Total Solids by Method 2540 G-2011                         | WG2267249 | 1        | 04/15/24 11:20        | 04/15/24 11:29              | CMB                                   | Mt. Juliet, TN                       |
| Volatile Organic Compounds (GC) by Method NWTPHGX          | WG2266880 | 25       | 04/11/24 14:20        | 04/14/24 20:59              | ADM                                   | Mt. Juliet, TN                       |
| Volatile Organic Compounds (GC/MS) by Method 8260D         | WG2266897 | 1        | 04/11/24 14:20        | 04/14/24 16:30              | ADM                                   | Mt. Juliet, TN                       |
| Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT | WG2266739 | 1        | 04/14/24 06:48        | 04/15/24 01:14              | KAP                                   | Mt. Juliet, TN                       |

## WSP-B-5-15' L1725709-15 Solid

|                                                            |           |          |                       | Collected by<br>Grant Busse | Collected date/time<br>04/11/24 14:25 | Received date/time<br>04/13/24 09:00 |
|------------------------------------------------------------|-----------|----------|-----------------------|-----------------------------|---------------------------------------|--------------------------------------|
| Method                                                     | Batch     | Dilution | Preparation date/time | Analysis date/time          | Analyst                               | Location                             |
| Total Solids by Method 2540 G-2011                         | WG2267249 | 1        | 04/15/24 11:20        | 04/15/24 11:29              | CMB                                   | Mt. Juliet, TN                       |
| Volatile Organic Compounds (GC) by Method NWTPHGX          | WG2269343 | 25       | 04/11/24 14:25        | 04/18/24 01:27              | JHH                                   | Mt. Juliet, TN                       |
| Volatile Organic Compounds (GC/MS) by Method 8260D         | WG2269286 | 1        | 04/11/24 14:25        | 04/17/24 20:22              | DWR                                   | Mt. Juliet, TN                       |
| Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT | WG2270659 | 1        | 04/19/24 06:16        | 04/19/24 15:11              | JAS                                   | Mt. Juliet, TN                       |

## WSP-B-6-6' L1725709-16 Solid

|                                                            |           |          |                       | Collected by<br>Grant Busse | Collected date/time<br>04/11/24 14:45 | Received date/time<br>04/13/24 09:00 |
|------------------------------------------------------------|-----------|----------|-----------------------|-----------------------------|---------------------------------------|--------------------------------------|
| Method                                                     | Batch     | Dilution | Preparation date/time | Analysis date/time          | Analyst                               | Location                             |
| Total Solids by Method 2540 G-2011                         | WG2267249 | 1        | 04/15/24 11:20        | 04/15/24 11:29              | CMB                                   | Mt. Juliet, TN                       |
| Volatile Organic Compounds (GC) by Method NWTPHGX          | WG2266880 | 25       | 04/11/24 14:45        | 04/14/24 21:18              | ADM                                   | Mt. Juliet, TN                       |
| Volatile Organic Compounds (GC/MS) by Method 8260D         | WG2266897 | 1        | 04/11/24 14:45        | 04/14/24 16:50              | ADM                                   | Mt. Juliet, TN                       |
| Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT | WG2266739 | 1        | 04/14/24 06:48        | 04/15/24 01:27              | KAP                                   | Mt. Juliet, TN                       |

## WSP-B-6-12' L1725709-17 Solid

|                                                            |           |          |                       | Collected by<br>Grant Busse | Collected date/time<br>04/11/24 14:50 | Received date/time<br>04/13/24 09:00 |
|------------------------------------------------------------|-----------|----------|-----------------------|-----------------------------|---------------------------------------|--------------------------------------|
| Method                                                     | Batch     | Dilution | Preparation date/time | Analysis date/time          | Analyst                               | Location                             |
| Total Solids by Method 2540 G-2011                         | WG2267249 | 1        | 04/15/24 11:20        | 04/15/24 11:29              | CMB                                   | Mt. Juliet, TN                       |
| Volatile Organic Compounds (GC) by Method NWTPHGX          | WG2266880 | 27.5     | 04/11/24 14:50        | 04/14/24 21:37              | ADM                                   | Mt. Juliet, TN                       |
| Volatile Organic Compounds (GC/MS) by Method 8260D         | WG2266897 | 1.1      | 04/11/24 14:50        | 04/14/24 17:10              | ADM                                   | Mt. Juliet, TN                       |
| Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT | WG2266739 | 1        | 04/14/24 06:48        | 04/15/24 02:19              | KAP                                   | Mt. Juliet, TN                       |

## WSP-DUP-2 L1725709-19 Solid

|                                                            |           |          |                       | Collected by<br>Grant Busse | Collected date/time<br>04/11/24 00:00 | Received date/time<br>04/13/24 09:00 |
|------------------------------------------------------------|-----------|----------|-----------------------|-----------------------------|---------------------------------------|--------------------------------------|
| Method                                                     | Batch     | Dilution | Preparation date/time | Analysis date/time          | Analyst                               | Location                             |
| Total Solids by Method 2540 G-2011                         | WG2267249 | 1        | 04/15/24 11:20        | 04/15/24 11:29              | CMB                                   | Mt. Juliet, TN                       |
| Volatile Organic Compounds (GC) by Method NWTPHGX          | WG2266880 | 43.8     | 04/11/24 00:00        | 04/14/24 21:56              | ADM                                   | Mt. Juliet, TN                       |
| Volatile Organic Compounds (GC/MS) by Method 8260D         | WG2266897 | 1.75     | 04/11/24 00:00        | 04/14/24 17:30              | ADM                                   | Mt. Juliet, TN                       |
| Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT | WG2266739 | 1        | 04/14/24 06:48        | 04/15/24 14:23              | JAS                                   | Mt. Juliet, TN                       |



# SAMPLE SUMMARY

## WSP-B-7-8' L1725709-20 Solid

|                                                            |           |          |                       | Collected by<br>Grant Busse | Collected date/time<br>04/11/24 15:55 | Received date/time<br>04/13/24 09:00 |
|------------------------------------------------------------|-----------|----------|-----------------------|-----------------------------|---------------------------------------|--------------------------------------|
| Method                                                     | Batch     | Dilution | Preparation date/time | Analysis date/time          | Analyst                               | Location                             |
| Total Solids by Method 2540 G-2011                         | WG2267249 | 1        | 04/15/24 11:20        | 04/15/24 11:29              | CMB                                   | Mt. Juliet, TN                       |
| Volatile Organic Compounds (GC) by Method NWTPHGX          | WG2266880 | 25       | 04/11/24 15:55        | 04/14/24 22:15              | ADM                                   | Mt. Juliet, TN                       |
| Volatile Organic Compounds (GC/MS) by Method 8260D         | WG2266897 | 1        | 04/11/24 15:55        | 04/14/24 17:50              | ADM                                   | Mt. Juliet, TN                       |
| Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT | WG2266739 | 1        | 04/14/24 06:48        | 04/15/24 02:45              | KAP                                   | Mt. Juliet, TN                       |

## WSP-B-7-12' L1725709-21 Solid

|                                                            |           |          |                       | Collected by<br>Grant Busse | Collected date/time<br>04/11/24 16:00 | Received date/time<br>04/13/24 09:00 |
|------------------------------------------------------------|-----------|----------|-----------------------|-----------------------------|---------------------------------------|--------------------------------------|
| Method                                                     | Batch     | Dilution | Preparation date/time | Analysis date/time          | Analyst                               | Location                             |
| Total Solids by Method 2540 G-2011                         | WG2267250 | 1        | 04/15/24 11:08        | 04/15/24 11:17              | CMB                                   | Mt. Juliet, TN                       |
| Volatile Organic Compounds (GC) by Method NWTPHGX          | WG2266892 | 25       | 04/11/24 16:00        | 04/14/24 14:04              | ADM                                   | Mt. Juliet, TN                       |
| Volatile Organic Compounds (GC/MS) by Method 8260D         | WG2266897 | 1        | 04/11/24 16:00        | 04/14/24 18:11              | ADM                                   | Mt. Juliet, TN                       |
| Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT | WG2266739 | 1        | 04/14/24 06:48        | 04/15/24 02:58              | KAP                                   | Mt. Juliet, TN                       |

## WSP-B-7-15' L1725709-22 Solid

|                                                            |           |          |                       | Collected by<br>Grant Busse | Collected date/time<br>04/11/24 16:05 | Received date/time<br>04/13/24 09:00 |
|------------------------------------------------------------|-----------|----------|-----------------------|-----------------------------|---------------------------------------|--------------------------------------|
| Method                                                     | Batch     | Dilution | Preparation date/time | Analysis date/time          | Analyst                               | Location                             |
| Total Solids by Method 2540 G-2011                         | WG2267250 | 1        | 04/15/24 11:08        | 04/15/24 11:17              | CMB                                   | Mt. Juliet, TN                       |
| Volatile Organic Compounds (GC) by Method NWTPHGX          | WG2269343 | 25       | 04/11/24 16:05        | 04/18/24 01:51              | JHH                                   | Mt. Juliet, TN                       |
| Volatile Organic Compounds (GC/MS) by Method 8260D         | WG2269286 | 1        | 04/11/24 16:05        | 04/17/24 20:40              | DWR                                   | Mt. Juliet, TN                       |
| Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT | WG2270659 | 1        | 04/19/24 06:16        | 04/19/24 15:24              | JAS                                   | Mt. Juliet, TN                       |

## WSP-B-8-8' L1725709-23 Solid

|                                                            |           |          |                       | Collected by<br>Grant Busse | Collected date/time<br>04/12/24 09:20 | Received date/time<br>04/13/24 09:00 |
|------------------------------------------------------------|-----------|----------|-----------------------|-----------------------------|---------------------------------------|--------------------------------------|
| Method                                                     | Batch     | Dilution | Preparation date/time | Analysis date/time          | Analyst                               | Location                             |
| Total Solids by Method 2540 G-2011                         | WG2267250 | 1        | 04/15/24 11:08        | 04/15/24 11:17              | CMB                                   | Mt. Juliet, TN                       |
| Volatile Organic Compounds (GC) by Method NWTPHGX          | WG2266892 | 25       | 04/12/24 09:20        | 04/14/24 14:27              | ADM                                   | Mt. Juliet, TN                       |
| Volatile Organic Compounds (GC/MS) by Method 8260D         | WG2266897 | 1        | 04/12/24 09:20        | 04/14/24 18:31              | ADM                                   | Mt. Juliet, TN                       |
| Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT | WG2266739 | 1        | 04/14/24 06:48        | 04/15/24 03:11              | KAP                                   | Mt. Juliet, TN                       |

## WSP-B-8-12' L1725709-24 Solid

|                                                            |           |          |                       | Collected by<br>Grant Busse | Collected date/time<br>04/12/24 09:25 | Received date/time<br>04/13/24 09:00 |
|------------------------------------------------------------|-----------|----------|-----------------------|-----------------------------|---------------------------------------|--------------------------------------|
| Method                                                     | Batch     | Dilution | Preparation date/time | Analysis date/time          | Analyst                               | Location                             |
| Total Solids by Method 2540 G-2011                         | WG2267250 | 1        | 04/15/24 11:08        | 04/15/24 11:17              | CMB                                   | Mt. Juliet, TN                       |
| Volatile Organic Compounds (GC) by Method NWTPHGX          | WG2266892 | 25       | 04/12/24 09:25        | 04/14/24 14:50              | ADM                                   | Mt. Juliet, TN                       |
| Volatile Organic Compounds (GC/MS) by Method 8260D         | WG2266897 | 1        | 04/12/24 09:25        | 04/14/24 18:51              | ADM                                   | Mt. Juliet, TN                       |
| Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT | WG2266739 | 1        | 04/14/24 06:48        | 04/15/24 14:36              | NH                                    | Mt. Juliet, TN                       |

## WSP-B-9-8' L1725709-26 Solid

|                                                            |           |          |                       | Collected by<br>Grant Busse | Collected date/time<br>04/12/24 10:20 | Received date/time<br>04/13/24 09:00 |
|------------------------------------------------------------|-----------|----------|-----------------------|-----------------------------|---------------------------------------|--------------------------------------|
| Method                                                     | Batch     | Dilution | Preparation date/time | Analysis date/time          | Analyst                               | Location                             |
| Total Solids by Method 2540 G-2011                         | WG2267250 | 1        | 04/15/24 11:08        | 04/15/24 11:17              | CMB                                   | Mt. Juliet, TN                       |
| Volatile Organic Compounds (GC) by Method NWTPHGX          | WG2266892 | 25       | 04/12/24 10:20        | 04/14/24 15:13              | ADM                                   | Mt. Juliet, TN                       |
| Volatile Organic Compounds (GC/MS) by Method 8260D         | WG2266897 | 1        | 04/12/24 10:20        | 04/14/24 19:11              | ADM                                   | Mt. Juliet, TN                       |
| Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT | WG2266739 | 1        | 04/14/24 06:48        | 04/15/24 03:38              | KAP                                   | Mt. Juliet, TN                       |



# SAMPLE SUMMARY

## WSP-B-9-12' L1725709-27 Solid

|                                                            |           |          |                       | Collected by<br>Grant Busse | Collected date/time<br>04/12/24 10:25 | Received date/time<br>04/13/24 09:00 |
|------------------------------------------------------------|-----------|----------|-----------------------|-----------------------------|---------------------------------------|--------------------------------------|
| Method                                                     | Batch     | Dilution | Preparation date/time | Analysis date/time          | Analyst                               | Location                             |
| Total Solids by Method 2540 G-2011                         | WG2267250 | 1        | 04/15/24 11:08        | 04/15/24 11:17              | CMB                                   | Mt. Juliet, TN                       |
| Volatile Organic Compounds (GC) by Method NWTPHGX          | WG2266892 | 25       | 04/12/24 10:25        | 04/14/24 15:36              | ADM                                   | Mt. Juliet, TN                       |
| Volatile Organic Compounds (GC/MS) by Method 8260D         | WG2266897 | 1        | 04/12/24 10:25        | 04/14/24 19:31              | ADM                                   | Mt. Juliet, TN                       |
| Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT | WG2266739 | 1        | 04/14/24 06:48        | 04/15/24 03:51              | KAP                                   | Mt. Juliet, TN                       |

## WSP-B-10-8' L1725709-29 Solid

|                                                            |           |          |                       | Collected by<br>Grant Busse | Collected date/time<br>04/12/24 11:20 | Received date/time<br>04/13/24 09:00 |
|------------------------------------------------------------|-----------|----------|-----------------------|-----------------------------|---------------------------------------|--------------------------------------|
| Method                                                     | Batch     | Dilution | Preparation date/time | Analysis date/time          | Analyst                               | Location                             |
| Total Solids by Method 2540 G-2011                         | WG2267250 | 1        | 04/15/24 11:08        | 04/15/24 11:17              | CMB                                   | Mt. Juliet, TN                       |
| Volatile Organic Compounds (GC) by Method NWTPHGX          | WG2266892 | 25       | 04/12/24 11:20        | 04/14/24 15:59              | ADM                                   | Mt. Juliet, TN                       |
| Volatile Organic Compounds (GC/MS) by Method 8260D         | WG2266903 | 1        | 04/12/24 11:20        | 04/14/24 13:11              | ADM                                   | Mt. Juliet, TN                       |
| Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT | WG2266750 | 1        | 04/14/24 08:03        | 04/14/24 17:50              | KAP                                   | Mt. Juliet, TN                       |

## WSP-B-10-12' L1725709-30 Solid

|                                                            |           |          |                       | Collected by<br>Grant Busse | Collected date/time<br>04/12/24 11:25 | Received date/time<br>04/13/24 09:00 |
|------------------------------------------------------------|-----------|----------|-----------------------|-----------------------------|---------------------------------------|--------------------------------------|
| Method                                                     | Batch     | Dilution | Preparation date/time | Analysis date/time          | Analyst                               | Location                             |
| Total Solids by Method 2540 G-2011                         | WG2267250 | 1        | 04/15/24 11:08        | 04/15/24 11:17              | CMB                                   | Mt. Juliet, TN                       |
| Volatile Organic Compounds (GC) by Method NWTPHGX          | WG2266892 | 25       | 04/12/24 11:25        | 04/14/24 16:21              | ADM                                   | Mt. Juliet, TN                       |
| Volatile Organic Compounds (GC/MS) by Method 8260D         | WG2266903 | 1        | 04/12/24 11:25        | 04/14/24 13:30              | ADM                                   | Mt. Juliet, TN                       |
| Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT | WG2266750 | 1        | 04/14/24 08:03        | 04/14/24 18:29              | KAP                                   | Mt. Juliet, TN                       |

## WSP-B-11-8' L1725709-32 Solid

|                                                            |           |          |                       | Collected by<br>Grant Busse | Collected date/time<br>04/12/24 12:20 | Received date/time<br>04/13/24 09:00 |
|------------------------------------------------------------|-----------|----------|-----------------------|-----------------------------|---------------------------------------|--------------------------------------|
| Method                                                     | Batch     | Dilution | Preparation date/time | Analysis date/time          | Analyst                               | Location                             |
| Total Solids by Method 2540 G-2011                         | WG2267251 | 1        | 04/15/24 10:57        | 04/15/24 11:07              | CMB                                   | Mt. Juliet, TN                       |
| Volatile Organic Compounds (GC) by Method NWTPHGX          | WG2266892 | 25       | 04/12/24 12:20        | 04/14/24 18:54              | ADM                                   | Mt. Juliet, TN                       |
| Volatile Organic Compounds (GC/MS) by Method 8260D         | WG2266903 | 1        | 04/12/24 12:20        | 04/14/24 13:50              | ADM                                   | Mt. Juliet, TN                       |
| Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT | WG2266750 | 1        | 04/14/24 08:03        | 04/14/24 18:42              | KAP                                   | Mt. Juliet, TN                       |

## WSP-B-11-12' L1725709-33 Solid

|                                                            |           |          |                       | Collected by<br>Grant Busse | Collected date/time<br>04/12/24 12:25 | Received date/time<br>04/13/24 09:00 |
|------------------------------------------------------------|-----------|----------|-----------------------|-----------------------------|---------------------------------------|--------------------------------------|
| Method                                                     | Batch     | Dilution | Preparation date/time | Analysis date/time          | Analyst                               | Location                             |
| Total Solids by Method 2540 G-2011                         | WG2267251 | 1        | 04/15/24 10:57        | 04/15/24 11:07              | CMB                                   | Mt. Juliet, TN                       |
| Volatile Organic Compounds (GC) by Method NWTPHGX          | WG2266892 | 25       | 04/12/24 12:25        | 04/14/24 19:17              | ADM                                   | Mt. Juliet, TN                       |
| Volatile Organic Compounds (GC/MS) by Method 8260D         | WG2266903 | 1        | 04/12/24 12:25        | 04/14/24 14:10              | ADM                                   | Mt. Juliet, TN                       |
| Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT | WG2266750 | 1        | 04/14/24 08:03        | 04/14/24 18:55              | KAP                                   | Mt. Juliet, TN                       |

## WSP-B-11-15' L1725709-34 Solid

|                                                            |           |          |                       | Collected by<br>Grant Busse | Collected date/time<br>04/12/24 12:30 | Received date/time<br>04/13/24 09:00 |
|------------------------------------------------------------|-----------|----------|-----------------------|-----------------------------|---------------------------------------|--------------------------------------|
| Method                                                     | Batch     | Dilution | Preparation date/time | Analysis date/time          | Analyst                               | Location                             |
| Volatile Organic Compounds (GC) by Method NWTPHGX          | WG2272051 | 26.3     | 04/12/24 12:30        | 04/22/24 20:04              | JAH                                   | Mt. Juliet, TN                       |
| Volatile Organic Compounds (GC/MS) by Method 8260D         | WG2272071 | 1.05     | 04/12/24 12:30        | 04/23/24 02:47              | ADM                                   | Mt. Juliet, TN                       |
| Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT | WG2272144 | 1        | 04/23/24 10:56        | 04/24/24 08:39              | JAS                                   | Mt. Juliet, TN                       |



# SAMPLE SUMMARY

## WSP-DUP-3 L1725709-35 Solid

Collected by  
Grant Busse

Collected date/time  
04/12/24 00:00

Received date/time  
04/13/24 09:00

| Method                                                     | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|------------------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                         | WG2267251 | 1        | 04/15/24 10:57        | 04/15/24 11:07     | CMB     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method NWTPHGX          | WG2266892 | 25       | 04/12/24 00:00        | 04/14/24 19:39     | ADM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D         | WG2266903 | 1        | 04/12/24 00:00        | 04/14/24 14:30     | ADM     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT | WG2266750 | 1        | 04/14/24 08:03        | 04/14/24 19:08     | KAP     | Mt. Juliet, TN |

<sup>1</sup> Cp

<sup>2</sup> Tc

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Ds

<sup>6</sup> Sr

<sup>7</sup> Qc

<sup>8</sup> Gl

<sup>9</sup> Al

<sup>10</sup> Sc

## WSP-DUP-4 L1725709-36 Solid

Collected by  
Grant Busse

Collected date/time  
04/12/24 00:00

Received date/time  
04/13/24 09:00

| Method                                                     | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|------------------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                         | WG2267251 | 1        | 04/15/24 10:57        | 04/15/24 11:07     | CMB     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method NWTPHGX          | WG2266892 | 25       | 04/12/24 00:00        | 04/14/24 20:02     | ADM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D         | WG2266903 | 1        | 04/12/24 00:00        | 04/14/24 14:49     | ADM     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT | WG2266750 | 1        | 04/14/24 08:03        | 04/14/24 20:01     | KAP     | Mt. Juliet, TN |

## WSP-DUP-5 L1725709-37 Solid

Collected by  
Grant Busse

Collected date/time  
04/12/24 00:00

Received date/time  
04/13/24 09:00

| Method                                                     | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|------------------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                         | WG2267251 | 1        | 04/15/24 10:57        | 04/15/24 11:07     | CMB     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method NWTPHGX          | WG2266892 | 28       | 04/12/24 00:00        | 04/14/24 20:25     | ADM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D         | WG2266903 | 1.12     | 04/12/24 00:00        | 04/14/24 15:08     | ADM     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT | WG2266750 | 1        | 04/14/24 08:03        | 04/14/24 20:14     | KAP     | Mt. Juliet, TN |

## WSP-B-12-8' L1725709-38 Solid

Collected by  
Grant Busse

Collected date/time  
04/12/24 13:15

Received date/time  
04/13/24 09:00

| Method                                                     | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|------------------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                         | WG2267251 | 1        | 04/15/24 10:57        | 04/15/24 11:07     | CMB     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method NWTPHGX          | WG2266892 | 25       | 04/12/24 13:15        | 04/14/24 20:47     | ADM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D         | WG2266903 | 1        | 04/12/24 13:15        | 04/14/24 15:28     | ADM     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT | WG2266750 | 1        | 04/14/24 08:03        | 04/14/24 20:27     | KAP     | Mt. Juliet, TN |

## WSP-B-12-12' L1725709-39 Solid

Collected by  
Grant Busse

Collected date/time  
04/12/24 13:20

Received date/time  
04/13/24 09:00

| Method                                                     | Batch     | Dilution | Preparation date/time | Analysis date/time | Analyst | Location       |
|------------------------------------------------------------|-----------|----------|-----------------------|--------------------|---------|----------------|
| Total Solids by Method 2540 G-2011                         | WG2267251 | 1        | 04/15/24 10:57        | 04/15/24 11:07     | CMB     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method NWTPHGX          | WG2266892 | 25       | 04/12/24 13:20        | 04/14/24 21:10     | ADM     | Mt. Juliet, TN |
| Volatile Organic Compounds (GC/MS) by Method 8260D         | WG2266903 | 1        | 04/12/24 13:20        | 04/14/24 15:48     | ADM     | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT | WG2266750 | 1        | 04/14/24 08:03        | 04/14/24 20:40     | KAP     | Mt. Juliet, TN |

# CASE NARRATIVE

Unless qualified or notated within the narrative below, all sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Jared Starkey  
Project Manager

## Report Revision History

Level II Report - Version 1: 04/20/24 11:09



## Project Comments

Reporting WSP-B-11-15'

## Volatile Organic Compounds (GC) by Method NWTPHGX

The same analyte is found in the associated blank.

| Batch     | Analyte                       | Lab Sample ID                               |
|-----------|-------------------------------|---------------------------------------------|
| WG2266892 | Gasoline Range Organics-NWTPH | L1725709-21, 23, 24, 26, 27, 32, 33, 35, 36 |
| WG2269343 | Gasoline Range Organics-NWTPH | L1725709-09, 12, 15, 22                     |
| WG2272051 | Gasoline Range Organics-NWTPH | L1725709-34                                 |

## Volatile Organic Compounds (GC/MS) by Method 8260D

Surrogate recovery limits have been exceeded; values are outside lower control limits.

| Batch     | Analyte               | Lab Sample ID |
|-----------|-----------------------|---------------|
| WG2269286 | 1,2-Dichloroethane-d4 | L1725709-22   |

The same analyte is found in the associated blank.

| Batch     | Analyte | Lab Sample ID |
|-----------|---------|---------------|
| WG2269286 | Toluene | L1725709-09   |

## Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Surrogate recovery limits have been exceeded; values are outside lower control limits.

| Batch     | Analyte     | Lab Sample ID   |
|-----------|-------------|-----------------|
| WG2266739 | o-Terphenyl | L1725709-11, 19 |

The sample matrix interfered with the ability to make any accurate determination; spike value is low.

| Batch     | Lab Sample ID                 | Analytes                    |
|-----------|-------------------------------|-----------------------------|
| WG2266739 | (MSD) R4057620-4, L1725709-01 | Diesel Range Organics (DRO) |

CASE NARRATIVE

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

The associated batch QC was outside the established quality control range for precision.

| Batch     | Lab Sample ID                 | Analytes                    |
|-----------|-------------------------------|-----------------------------|
| WG2266739 | (MSD) R4057620-4, L1725709-01 | Diesel Range Organics (DRO) |

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Ds

<sup>6</sup>Sr

<sup>7</sup>Qc

<sup>8</sup>Gl

<sup>9</sup>Al

<sup>10</sup>Sc

## DETECTION SUMMARY

## Volatile Organic Compounds (GC) by Method NWTPHGX

| Client ID    | Lab Sample ID               | Analyte                       | Result (dry)<br>mg/kg | Qualifier           | MDL (dry)<br>mg/kg | RDL (dry)<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|--------------|-----------------------------|-------------------------------|-----------------------|---------------------|--------------------|--------------------|----------|-------------------------|---------------------------|
| WSP-B-1-4'   | <a href="#">L1725709-01</a> | Gasoline Range Organics-NWTPH | 68.2                  |                     | 1.05               | 3.09               | 25       | 04/14/2024 14:08        | <a href="#">WG2266880</a> |
| WSP-B-1-6'   | <a href="#">L1725709-02</a> | Gasoline Range Organics-NWTPH | 4.61                  | <a href="#">J</a>   | 1.67               | 4.93               | 25       | 04/14/2024 15:49        | <a href="#">WG2266880</a> |
| WSP-B-1-8'   | <a href="#">L1725709-03</a> | Gasoline Range Organics-NWTPH | 2.41                  | <a href="#">J</a>   | 1.93               | 5.68               | 25       | 04/14/2024 16:09        | <a href="#">WG2266880</a> |
| WSP-B-2-12'  | <a href="#">L1725709-05</a> | Gasoline Range Organics-NWTPH | 3.59                  | <a href="#">J</a>   | 2.04               | 6.02               | 28.5     | 04/14/2024 17:52        | <a href="#">WG2266880</a> |
| WSP-B-3-8'   | <a href="#">L1725709-07</a> | Gasoline Range Organics-NWTPH | 19.3                  |                     | 1.62               | 4.77               | 25       | 04/14/2024 18:11        | <a href="#">WG2266880</a> |
| WSP-B-3-10'  | <a href="#">L1725709-08</a> | Gasoline Range Organics-NWTPH | 2.94                  | <a href="#">J</a>   | 1.65               | 4.87               | 25       | 04/14/2024 18:31        | <a href="#">WG2266880</a> |
| WSP-B-3-15'  | <a href="#">L1725709-09</a> | Gasoline Range Organics-NWTPH | 2.16                  | <a href="#">B J</a> | 1.67               | 4.91               | 25       | 04/18/2024 00:40        | <a href="#">WG2269343</a> |
| WSP-B-4-6'   | <a href="#">L1725709-10</a> | Gasoline Range Organics-NWTPH | 13.1                  |                     | 0.948              | 2.80               | 25       | 04/14/2024 20:01        | <a href="#">WG2266880</a> |
| WSP-B-4-10'  | <a href="#">L1725709-11</a> | Gasoline Range Organics-NWTPH | 1.79                  | <a href="#">J</a>   | 1.65               | 4.86               | 25       | 04/14/2024 20:20        | <a href="#">WG2266880</a> |
| WSP-B-4-15'  | <a href="#">L1725709-12</a> | Gasoline Range Organics-NWTPH | 3.13                  | <a href="#">B J</a> | 1.79               | 5.27               | 26.3     | 04/18/2024 01:04        | <a href="#">WG2269343</a> |
| WSP-B-5-6'   | <a href="#">L1725709-13</a> | Gasoline Range Organics-NWTPH | 11.9                  |                     | 0.927              | 2.73               | 25       | 04/14/2024 20:39        | <a href="#">WG2266880</a> |
| WSP-B-5-10'  | <a href="#">L1725709-14</a> | Gasoline Range Organics-NWTPH | 4.39                  | <a href="#">J</a>   | 1.76               | 5.18               | 25       | 04/14/2024 20:59        | <a href="#">WG2266880</a> |
| WSP-B-5-15'  | <a href="#">L1725709-15</a> | Gasoline Range Organics-NWTPH | 2.67                  | <a href="#">B J</a> | 1.65               | 4.86               | 25       | 04/18/2024 01:27        | <a href="#">WG2269343</a> |
| WSP-B-6-6'   | <a href="#">L1725709-16</a> | Gasoline Range Organics-NWTPH | 3.80                  |                     | 0.974              | 2.87               | 25       | 04/14/2024 21:18        | <a href="#">WG2266880</a> |
| WSP-B-6-12'  | <a href="#">L1725709-17</a> | Gasoline Range Organics-NWTPH | 2.24                  | <a href="#">J</a>   | 1.75               | 5.17               | 27.5     | 04/14/2024 21:37        | <a href="#">WG2266880</a> |
| WSP-B-7-8'   | <a href="#">L1725709-20</a> | Gasoline Range Organics-NWTPH | 1.99                  | <a href="#">J</a>   | 1.08               | 3.18               | 25       | 04/14/2024 22:15        | <a href="#">WG2266880</a> |
| WSP-B-7-12'  | <a href="#">L1725709-21</a> | Gasoline Range Organics-NWTPH | 1.71                  | <a href="#">B J</a> | 1.61               | 4.74               | 25       | 04/14/2024 14:04        | <a href="#">WG2266892</a> |
| WSP-B-7-15'  | <a href="#">L1725709-22</a> | Gasoline Range Organics-NWTPH | 2.83                  | <a href="#">B J</a> | 1.63               | 4.82               | 25       | 04/18/2024 01:51        | <a href="#">WG2269343</a> |
| WSP-B-8-8'   | <a href="#">L1725709-23</a> | Gasoline Range Organics-NWTPH | 6.34                  | <a href="#">B</a>   | 1.55               | 4.56               | 25       | 04/14/2024 14:27        | <a href="#">WG2266892</a> |
| WSP-B-8-12'  | <a href="#">L1725709-24</a> | Gasoline Range Organics-NWTPH | 1.70                  | <a href="#">B J</a> | 1.68               | 4.96               | 25       | 04/14/2024 14:50        | <a href="#">WG2266892</a> |
| WSP-B-9-8'   | <a href="#">L1725709-26</a> | Gasoline Range Organics-NWTPH | 12.3                  | <a href="#">B</a>   | 1.60               | 4.71               | 25       | 04/14/2024 15:13        | <a href="#">WG2266892</a> |
| WSP-B-9-12'  | <a href="#">L1725709-27</a> | Gasoline Range Organics-NWTPH | 1.93                  | <a href="#">B J</a> | 1.76               | 5.20               | 25       | 04/14/2024 15:36        | <a href="#">WG2266892</a> |
| WSP-B-11-8'  | <a href="#">L1725709-32</a> | Gasoline Range Organics-NWTPH | 16.2                  | <a href="#">B</a>   | 1.63               | 4.81               | 25       | 04/14/2024 18:54        | <a href="#">WG2266892</a> |
| WSP-B-11-12' | <a href="#">L1725709-33</a> | Gasoline Range Organics-NWTPH | 11.1                  | <a href="#">B</a>   | 1.67               | 4.93               | 25       | 04/14/2024 19:17        | <a href="#">WG2266892</a> |
| WSP-B-11-15' | <a href="#">L1725709-34</a> | Gasoline Range Organics-NWTPH | 1.97                  | <a href="#">B J</a> | 1.70               | 5.02               | 26.3     | 04/22/2024 20:04        | <a href="#">WG2272051</a> |
| WSP-DUP-3    | <a href="#">L1725709-35</a> | Gasoline Range Organics-NWTPH | 1.82                  | <a href="#">B J</a> | 1.72               | 5.08               | 25       | 04/14/2024 19:39        | <a href="#">WG2266892</a> |
| WSP-DUP-4    | <a href="#">L1725709-36</a> | Gasoline Range Organics-NWTPH | 2.20                  | <a href="#">B J</a> | 1.75               | 5.15               | 25       | 04/14/2024 20:02        | <a href="#">WG2266892</a> |
| WSP-DUP-5    | <a href="#">L1725709-37</a> | Gasoline Range Organics-NWTPH | 17.6                  |                     | 1.73               | 5.10               | 28       | 04/14/2024 20:25        | <a href="#">WG2266892</a> |

|                  |
|------------------|
| <sup>1</sup> Cp  |
| <sup>2</sup> Tc  |
| <sup>3</sup> Ss  |
| <sup>4</sup> Cn  |
| <sup>5</sup> Ds  |
| <sup>6</sup> Sr  |
| <sup>7</sup> Qc  |
| <sup>8</sup> Gl  |
| <sup>9</sup> Al  |
| <sup>10</sup> Sc |

## Volatile Organic Compounds (GC/MS) by Method 8260D

| Client ID   | Lab Sample ID               | Analyte        | Result (dry)<br>mg/kg | Qualifier         | MDL (dry)<br>mg/kg | RDL (dry)<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|-------------|-----------------------------|----------------|-----------------------|-------------------|--------------------|--------------------|----------|-------------------------|---------------------------|
| WSP-B-1-4'  | <a href="#">L1725709-01</a> | Toluene        | 0.0485                |                   | 0.00160            | 0.00617            | 1        | 04/14/2024 13:09        | <a href="#">WG2266897</a> |
| WSP-B-1-4'  | <a href="#">L1725709-01</a> | Ethylbenzene   | 0.447                 |                   | 0.000910           | 0.00309            | 1        | 04/14/2024 13:09        | <a href="#">WG2266897</a> |
| WSP-B-1-4'  | <a href="#">L1725709-01</a> | Xylenes, Total | 6.07                  |                   | 0.00418            | 0.0309             | 4        | 04/15/2024 12:43        | <a href="#">WG2267083</a> |
| WSP-B-1-6'  | <a href="#">L1725709-02</a> | Benzene        | 0.0798                |                   | 0.000920           | 0.00197            | 1        | 04/14/2024 13:29        | <a href="#">WG2266897</a> |
| WSP-B-1-6'  | <a href="#">L1725709-02</a> | Toluene        | 0.00721               | <a href="#">J</a> | 0.00256            | 0.00985            | 1        | 04/14/2024 13:29        | <a href="#">WG2266897</a> |
| WSP-B-1-6'  | <a href="#">L1725709-02</a> | Ethylbenzene   | 0.0735                |                   | 0.00145            | 0.00493            | 1        | 04/14/2024 13:29        | <a href="#">WG2266897</a> |
| WSP-B-1-6'  | <a href="#">L1725709-02</a> | Xylenes, Total | 0.0889                |                   | 0.00174            | 0.0129             | 1        | 04/15/2024 12:24        | <a href="#">WG2267083</a> |
| WSP-B-1-8'  | <a href="#">L1725709-03</a> | Benzene        | 0.641                 |                   | 0.00106            | 0.00227            | 1        | 04/14/2024 13:49        | <a href="#">WG2266897</a> |
| WSP-B-2-10' | <a href="#">L1725709-04</a> | Toluene        | 0.00412               | <a href="#">J</a> | 0.00238            | 0.00916            | 1        | 04/14/2024 14:09        | <a href="#">WG2266897</a> |
| WSP-B-2-10' | <a href="#">L1725709-04</a> | Ethylbenzene   | 0.00370               | <a href="#">J</a> | 0.00135            | 0.00458            | 1        | 04/14/2024 14:09        | <a href="#">WG2266897</a> |
| WSP-B-2-10' | <a href="#">L1725709-04</a> | Xylenes, Total | 0.0157                |                   | 0.00161            | 0.0119             | 1        | 04/14/2024 14:09        | <a href="#">WG2266897</a> |
| WSP-B-2-12' | <a href="#">L1725709-05</a> | Ethylbenzene   | 0.00416               | <a href="#">J</a> | 0.00178            | 0.00602            | 1.14     | 04/14/2024 14:29        | <a href="#">WG2266897</a> |
| WSP-B-2-12' | <a href="#">L1725709-05</a> | Xylenes, Total | 0.00361               | <a href="#">J</a> | 0.00211            | 0.0157             | 1.14     | 04/14/2024 14:29        | <a href="#">WG2266897</a> |
| WSP-B-3-8'  | <a href="#">L1725709-07</a> | Benzene        | 0.730                 |                   | 0.000892           | 0.00191            | 1        | 04/14/2024 14:49        | <a href="#">WG2266897</a> |
| WSP-B-3-8'  | <a href="#">L1725709-07</a> | Toluene        | 0.0327                |                   | 0.00248            | 0.00955            | 1        | 04/14/2024 14:49        | <a href="#">WG2266897</a> |
| WSP-B-3-8'  | <a href="#">L1725709-07</a> | Ethylbenzene   | 1.40                  |                   | 0.00141            | 0.00477            | 1        | 04/14/2024 14:49        | <a href="#">WG2266897</a> |
| WSP-B-3-8'  | <a href="#">L1725709-07</a> | Xylenes, Total | 0.399                 |                   | 0.00168            | 0.0124             | 1        | 04/14/2024 14:49        | <a href="#">WG2266897</a> |
| WSP-B-3-10' | <a href="#">L1725709-08</a> | Benzene        | 0.598                 |                   | 0.000910           | 0.00195            | 1        | 04/14/2024 15:09        | <a href="#">WG2266897</a> |
| WSP-B-3-10' | <a href="#">L1725709-08</a> | Toluene        | 0.00932               | <a href="#">J</a> | 0.00253            | 0.00974            | 1        | 04/14/2024 15:09        | <a href="#">WG2266897</a> |
| WSP-B-3-10' | <a href="#">L1725709-08</a> | Ethylbenzene   | 0.327                 |                   | 0.00144            | 0.00487            | 1        | 04/14/2024 15:09        | <a href="#">WG2266897</a> |
| WSP-B-3-10' | <a href="#">L1725709-08</a> | Xylenes, Total | 0.279                 |                   | 0.00171            | 0.0127             | 1        | 04/14/2024 15:09        | <a href="#">WG2266897</a> |

## DETECTION SUMMARY

## Volatile Organic Compounds (GC/MS) by Method 8260D

| Client ID    | Lab Sample ID               | Analyte        | Result (dry)<br>mg/kg | Qualifier           | MDL (dry)<br>mg/kg | RDL (dry)<br>mg/kg | Dilutio<br>n | Analysis<br>date / time | Batch                     |
|--------------|-----------------------------|----------------|-----------------------|---------------------|--------------------|--------------------|--------------|-------------------------|---------------------------|
| WSP-B-3-15'  | <a href="#">L1725709-09</a> | Benzene        | 0.00146               | <a href="#">J</a>   | 0.000917           | 0.00196            | 1            | 04/17/2024 19:44        | <a href="#">WG2269286</a> |
| WSP-B-3-15'  | <a href="#">L1725709-09</a> | Toluene        | 0.00334               | <a href="#">B J</a> | 0.00255            | 0.00982            | 1            | 04/17/2024 19:44        | <a href="#">WG2269286</a> |
| WSP-B-3-15'  | <a href="#">L1725709-09</a> | Ethylbenzene   | 0.00634               |                     | 0.00145            | 0.00491            | 1            | 04/17/2024 19:44        | <a href="#">WG2269286</a> |
| WSP-B-3-15'  | <a href="#">L1725709-09</a> | Xylenes, Total | 0.0125                | <a href="#">J</a>   | 0.00173            | 0.0128             | 1            | 04/17/2024 19:44        | <a href="#">WG2269286</a> |
| WSP-B-4-6'   | <a href="#">L1725709-10</a> | Benzene        | 0.00626               |                     | 0.000522           | 0.00112            | 1            | 04/14/2024 15:30        | <a href="#">WG2266897</a> |
| WSP-B-4-6'   | <a href="#">L1725709-10</a> | Toluene        | 0.0415                |                     | 0.00145            | 0.00559            | 1            | 04/14/2024 15:30        | <a href="#">WG2266897</a> |
| WSP-B-4-6'   | <a href="#">L1725709-10</a> | Ethylbenzene   | 0.143                 |                     | 0.000824           | 0.00280            | 1            | 04/14/2024 15:30        | <a href="#">WG2266897</a> |
| WSP-B-4-6'   | <a href="#">L1725709-10</a> | Xylenes, Total | 0.296                 |                     | 0.000984           | 0.00727            | 1            | 04/14/2024 15:30        | <a href="#">WG2266897</a> |
| WSP-B-4-10'  | <a href="#">L1725709-11</a> | Benzene        | 0.289                 |                     | 0.000907           | 0.00194            | 1            | 04/14/2024 15:50        | <a href="#">WG2266897</a> |
| WSP-B-4-15'  | <a href="#">L1725709-12</a> | Xylenes, Total | 0.00295               | <a href="#">J</a>   | 0.00185            | 0.0137             | 1.05         | 04/17/2024 20:03        | <a href="#">WG2269286</a> |
| WSP-B-5-6'   | <a href="#">L1725709-13</a> | Benzene        | 0.00177               |                     | 0.000510           | 0.00109            | 1            | 04/14/2024 16:10        | <a href="#">WG2266897</a> |
| WSP-B-5-6'   | <a href="#">L1725709-13</a> | Toluene        | 0.00744               |                     | 0.00142            | 0.00546            | 1            | 04/14/2024 16:10        | <a href="#">WG2266897</a> |
| WSP-B-5-6'   | <a href="#">L1725709-13</a> | Ethylbenzene   | 0.0415                |                     | 0.000805           | 0.00273            | 1            | 04/14/2024 16:10        | <a href="#">WG2266897</a> |
| WSP-B-5-6'   | <a href="#">L1725709-13</a> | Xylenes, Total | 0.0852                |                     | 0.000962           | 0.00710            | 1            | 04/14/2024 16:10        | <a href="#">WG2266897</a> |
| WSP-B-5-10'  | <a href="#">L1725709-14</a> | Benzene        | 1.25                  |                     | 0.000967           | 0.00207            | 1            | 04/14/2024 16:30        | <a href="#">WG2266897</a> |
| WSP-B-5-10'  | <a href="#">L1725709-14</a> | Toluene        | 0.00437               | <a href="#">J</a>   | 0.00269            | 0.0104             | 1            | 04/14/2024 16:30        | <a href="#">WG2266897</a> |
| WSP-B-5-10'  | <a href="#">L1725709-14</a> | Xylenes, Total | 0.00342               | <a href="#">J</a>   | 0.00182            | 0.0135             | 1            | 04/14/2024 16:30        | <a href="#">WG2266897</a> |
| WSP-B-5-15'  | <a href="#">L1725709-15</a> | Xylenes, Total | 0.00348               | <a href="#">J</a>   | 0.00171            | 0.0126             | 1            | 04/17/2024 20:22        | <a href="#">WG2269286</a> |
| WSP-B-6-6'   | <a href="#">L1725709-16</a> | Benzene        | 0.00563               |                     | 0.000537           | 0.00115            | 1            | 04/14/2024 16:50        | <a href="#">WG2266897</a> |
| WSP-B-6-6'   | <a href="#">L1725709-16</a> | Toluene        | 0.0611                |                     | 0.00149            | 0.00575            | 1            | 04/14/2024 16:50        | <a href="#">WG2266897</a> |
| WSP-B-6-6'   | <a href="#">L1725709-16</a> | Ethylbenzene   | 0.0132                |                     | 0.000847           | 0.00287            | 1            | 04/14/2024 16:50        | <a href="#">WG2266897</a> |
| WSP-B-6-6'   | <a href="#">L1725709-16</a> | Xylenes, Total | 0.0841                |                     | 0.00101            | 0.00747            | 1            | 04/14/2024 16:50        | <a href="#">WG2266897</a> |
| WSP-B-6-12'  | <a href="#">L1725709-17</a> | Xylenes, Total | 0.00233               | <a href="#">J</a>   | 0.00182            | 0.0135             | 1.1          | 04/14/2024 17:10        | <a href="#">WG2266897</a> |
| WSP-DUP-2    | <a href="#">L1725709-19</a> | Xylenes, Total | 0.00455               | <a href="#">J</a>   | 0.00259            | 0.0192             | 1.75         | 04/14/2024 17:30        | <a href="#">WG2266897</a> |
| WSP-B-7-8'   | <a href="#">L1725709-20</a> | Benzene        | 0.0199                |                     | 0.000594           | 0.00127            | 1            | 04/14/2024 17:50        | <a href="#">WG2266897</a> |
| WSP-B-7-8'   | <a href="#">L1725709-20</a> | Toluene        | 0.0671                |                     | 0.00165            | 0.00636            | 1            | 04/14/2024 17:50        | <a href="#">WG2266897</a> |
| WSP-B-7-8'   | <a href="#">L1725709-20</a> | Ethylbenzene   | 0.0242                |                     | 0.000938           | 0.00318            | 1            | 04/14/2024 17:50        | <a href="#">WG2266897</a> |
| WSP-B-7-8'   | <a href="#">L1725709-20</a> | Xylenes, Total | 0.0858                |                     | 0.00112            | 0.00827            | 1            | 04/14/2024 17:50        | <a href="#">WG2266897</a> |
| WSP-B-7-12'  | <a href="#">L1725709-21</a> | Xylenes, Total | 0.00326               | <a href="#">J</a>   | 0.00167            | 0.0123             | 1            | 04/14/2024 18:11        | <a href="#">WG2266897</a> |
| WSP-B-7-15'  | <a href="#">L1725709-22</a> | Xylenes, Total | 0.00295               | <a href="#">J</a>   | 0.00170            | 0.0125             | 1            | 04/17/2024 20:40        | <a href="#">WG2269286</a> |
| WSP-B-8-8'   | <a href="#">L1725709-23</a> | Benzene        | 1.33                  |                     | 0.000853           | 0.00183            | 1            | 04/14/2024 18:31        | <a href="#">WG2266897</a> |
| WSP-B-8-8'   | <a href="#">L1725709-23</a> | Toluene        | 0.0588                |                     | 0.00237            | 0.00913            | 1            | 04/14/2024 18:31        | <a href="#">WG2266897</a> |
| WSP-B-8-8'   | <a href="#">L1725709-23</a> | Ethylbenzene   | 0.0694                |                     | 0.00135            | 0.00456            | 1            | 04/14/2024 18:31        | <a href="#">WG2266897</a> |
| WSP-B-8-8'   | <a href="#">L1725709-23</a> | Xylenes, Total | 0.0177                |                     | 0.00161            | 0.0119             | 1            | 04/14/2024 18:31        | <a href="#">WG2266897</a> |
| WSP-B-8-12'  | <a href="#">L1725709-24</a> | Benzene        | 0.00843               |                     | 0.000926           | 0.00198            | 1            | 04/14/2024 18:51        | <a href="#">WG2266897</a> |
| WSP-B-8-12'  | <a href="#">L1725709-24</a> | Toluene        | 0.00575               | <a href="#">J</a>   | 0.00258            | 0.00992            | 1            | 04/14/2024 18:51        | <a href="#">WG2266897</a> |
| WSP-B-8-12'  | <a href="#">L1725709-24</a> | Ethylbenzene   | 0.00323               | <a href="#">J</a>   | 0.00146            | 0.00496            | 1            | 04/14/2024 18:51        | <a href="#">WG2266897</a> |
| WSP-B-8-12'  | <a href="#">L1725709-24</a> | Xylenes, Total | 0.00401               | <a href="#">J</a>   | 0.00175            | 0.0129             | 1            | 04/14/2024 18:51        | <a href="#">WG2266897</a> |
| WSP-B-9-8'   | <a href="#">L1725709-26</a> | Benzene        | 0.168                 |                     | 0.000880           | 0.00189            | 1            | 04/14/2024 19:11        | <a href="#">WG2266897</a> |
| WSP-B-9-8'   | <a href="#">L1725709-26</a> | Toluene        | 0.271                 |                     | 0.00245            | 0.00943            | 1            | 04/14/2024 19:11        | <a href="#">WG2266897</a> |
| WSP-B-9-8'   | <a href="#">L1725709-26</a> | Ethylbenzene   | 0.341                 |                     | 0.00139            | 0.00471            | 1            | 04/14/2024 19:11        | <a href="#">WG2266897</a> |
| WSP-B-9-8'   | <a href="#">L1725709-26</a> | Xylenes, Total | 0.481                 |                     | 0.00166            | 0.0123             | 1            | 04/14/2024 19:11        | <a href="#">WG2266897</a> |
| WSP-B-9-12'  | <a href="#">L1725709-27</a> | Ethylbenzene   | 0.00241               | <a href="#">J</a>   | 0.00153            | 0.00520            | 1            | 04/14/2024 19:31        | <a href="#">WG2266897</a> |
| WSP-B-10-8'  | <a href="#">L1725709-29</a> | Benzene        | 0.000818              | <a href="#">J</a>   | 0.000809           | 0.00173            | 1            | 04/14/2024 13:11        | <a href="#">WG2266903</a> |
| WSP-B-11-8'  | <a href="#">L1725709-32</a> | Benzene        | 0.676                 |                     | 0.000899           | 0.00193            | 1            | 04/14/2024 13:50        | <a href="#">WG2266903</a> |
| WSP-B-11-8'  | <a href="#">L1725709-32</a> | Toluene        | 0.00714               | <a href="#">J</a>   | 0.00250            | 0.00963            | 1            | 04/14/2024 13:50        | <a href="#">WG2266903</a> |
| WSP-B-11-8'  | <a href="#">L1725709-32</a> | Ethylbenzene   | 1.13                  |                     | 0.00142            | 0.00481            | 1            | 04/14/2024 13:50        | <a href="#">WG2266903</a> |
| WSP-B-11-8'  | <a href="#">L1725709-32</a> | Xylenes, Total | 0.0377                |                     | 0.00169            | 0.0125             | 1            | 04/14/2024 13:50        | <a href="#">WG2266903</a> |
| WSP-B-11-12' | <a href="#">L1725709-33</a> | Benzene        | 0.647                 |                     | 0.000921           | 0.00197            | 1            | 04/14/2024 14:10        | <a href="#">WG2266903</a> |
| WSP-B-11-12' | <a href="#">L1725709-33</a> | Toluene        | 0.0201                |                     | 0.00256            | 0.00986            | 1            | 04/14/2024 14:10        | <a href="#">WG2266903</a> |
| WSP-B-11-12' | <a href="#">L1725709-33</a> | Ethylbenzene   | 0.621                 |                     | 0.00145            | 0.00493            | 1            | 04/14/2024 14:10        | <a href="#">WG2266903</a> |
| WSP-B-11-12' | <a href="#">L1725709-33</a> | Xylenes, Total | 0.0903                |                     | 0.00174            | 0.0128             | 1            | 04/14/2024 14:10        | <a href="#">WG2266903</a> |
| WSP-B-11-15' | <a href="#">L1725709-34</a> | Benzene        | 0.00296               |                     | 0.000935           | 0.00200            | 1.05         | 04/23/2024 02:47        | <a href="#">WG2272071</a> |
| WSP-B-11-15' | <a href="#">L1725709-34</a> | Toluene        | 0.00366               | <a href="#">J</a>   | 0.00260            | 0.0100             | 1.05         | 04/23/2024 02:47        | <a href="#">WG2272071</a> |
| WSP-B-11-15' | <a href="#">L1725709-34</a> | Ethylbenzene   | 0.00175               | <a href="#">J</a>   | 0.00148            | 0.00502            | 1.05         | 04/23/2024 02:47        | <a href="#">WG2272071</a> |
| WSP-B-11-15' | <a href="#">L1725709-34</a> | Xylenes, Total | 0.00301               | <a href="#">J</a>   | 0.00176            | 0.0130             | 1.05         | 04/23/2024 02:47        | <a href="#">WG2272071</a> |



## DETECTION SUMMARY

## Volatile Organic Compounds (GC/MS) by Method 8260D

| Client ID | Lab Sample ID      | Analyte        | Result (dry)<br>mg/kg | Qualifier | MDL (dry)<br>mg/kg | RDL (dry)<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|-----------|--------------------|----------------|-----------------------|-----------|--------------------|--------------------|----------|-------------------------|---------------------------|
| WSP-DUP-3 | <u>L1725709-35</u> | Benzene        | 0.00429               |           | 0.000949           | 0.00203            | 1        | 04/14/2024 14:30        | <a href="#">WG2266903</a> |
| WSP-DUP-3 | <u>L1725709-35</u> | Ethylbenzene   | 0.00178               | <u>J</u>  | 0.00150            | 0.00508            | 1        | 04/14/2024 14:30        | <a href="#">WG2266903</a> |
| WSP-DUP-3 | <u>L1725709-35</u> | Xylenes, Total | 0.00284               | <u>J</u>  | 0.00179            | 0.0132             | 1        | 04/14/2024 14:30        | <a href="#">WG2266903</a> |
| WSP-DUP-4 | <u>L1725709-36</u> | Benzene        | 0.00124               | <u>J</u>  | 0.000962           | 0.00206            | 1        | 04/14/2024 14:49        | <a href="#">WG2266903</a> |
| WSP-DUP-5 | <u>L1725709-37</u> | Benzene        | 1.04                  |           | 0.000952           | 0.00204            | 1.12     | 04/14/2024 15:08        | <a href="#">WG2266903</a> |
| WSP-DUP-5 | <u>L1725709-37</u> | Toluene        | 0.202                 |           | 0.00266            | 0.0102             | 1.12     | 04/14/2024 15:08        | <a href="#">WG2266903</a> |
| WSP-DUP-5 | <u>L1725709-37</u> | Ethylbenzene   | 1.31                  |           | 0.00150            | 0.00510            | 1.12     | 04/14/2024 15:08        | <a href="#">WG2266903</a> |
| WSP-DUP-5 | <u>L1725709-37</u> | Xylenes, Total | 1.71                  |           | 0.00179            | 0.0133             | 1.12     | 04/14/2024 15:08        | <a href="#">WG2266903</a> |

## Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

| Client ID   | Lab Sample ID      | Analyte                       | Result (dry)<br>mg/kg | Qualifier    | MDL (dry)<br>mg/kg | RDL (dry)<br>mg/kg | Dilution | Analysis<br>date / time | Batch                     |
|-------------|--------------------|-------------------------------|-----------------------|--------------|--------------------|--------------------|----------|-------------------------|---------------------------|
| WSP-B-1-4'  | <u>L1725709-01</u> | Diesel Range Organics (DRO)   | 47.8                  | <u>J3 J6</u> | 1.44               | 4.34               | 1        | 04/14/2024 21:58        | <a href="#">WG2266739</a> |
| WSP-B-1-4'  | <u>L1725709-01</u> | Residual Range Organics (RRO) | 249                   |              | 7.23               | 21.7               | 2        | 04/15/2024 14:50        | <a href="#">WG2266739</a> |
| WSP-B-3-8'  | <u>L1725709-07</u> | Diesel Range Organics (DRO)   | 13.0                  |              | 1.89               | 5.69               | 1        | 04/15/2024 00:09        | <a href="#">WG2266739</a> |
| WSP-B-3-10' | <u>L1725709-08</u> | Diesel Range Organics (DRO)   | 23.0                  |              | 1.94               | 5.82               | 1        | 04/15/2024 00:22        | <a href="#">WG2266739</a> |
| WSP-B-4-6'  | <u>L1725709-10</u> | Diesel Range Organics (DRO)   | 2.76                  | <u>J</u>     | 1.41               | 4.23               | 1        | 04/15/2024 00:35        | <a href="#">WG2266739</a> |
| WSP-B-5-6'  | <u>L1725709-13</u> | Diesel Range Organics (DRO)   | 10.2                  |              | 1.39               | 4.17               | 1        | 04/15/2024 01:01        | <a href="#">WG2266739</a> |
| WSP-B-11-8' | <u>L1725709-32</u> | Diesel Range Organics (DRO)   | 6.04                  |              | 1.88               | 5.66               | 1        | 04/14/2024 18:42        | <a href="#">WG2266750</a> |



Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis         | Batch                     |
|--------------|--------|-----------|----------|------------------|---------------------------|
|              | %      |           |          | date / time      |                           |
| Total Solids | 92.3   |           | 1        | 04/15/2024 11:40 | <a href="#">WG2267248</a> |

1  
Cp

2  
Tc

Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                                 | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Gasoline Range Organics-NWTPH   | 68.2         |           | 1.05      | 3.09      | 25       | 04/14/2024 14:08 | <a href="#">WG2266880</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 104          |           |           | 77.0-120  |          | 04/14/2024 14:08 | <a href="#">WG2266880</a> |

3  
Ss

4  
Cn

5  
Ds

Volatile Organic Compounds (GC/MS) by Method 8260D

| Analyte                   | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                           | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Benzene                   | U            |           | 0.000576  | 0.00123   | 1        | 04/14/2024 13:09 | <a href="#">WG2266897</a> |
| Toluene                   | 0.0485       |           | 0.00160   | 0.00617   | 1        | 04/14/2024 13:09 | <a href="#">WG2266897</a> |
| Ethylbenzene              | 0.447        |           | 0.000910  | 0.00309   | 1        | 04/14/2024 13:09 | <a href="#">WG2266897</a> |
| Xylenes, Total            | 6.07         |           | 0.00418   | 0.0309    | 4        | 04/15/2024 12:43 | <a href="#">WG2267083</a> |
| (S) Toluene-d8            | 111          |           |           | 75.0-131  |          | 04/14/2024 13:09 | <a href="#">WG2266897</a> |
| (S) Toluene-d8            | 110          |           |           | 75.0-131  |          | 04/15/2024 12:43 | <a href="#">WG2267083</a> |
| (S) 4-Bromofluorobenzene  | 121          |           |           | 67.0-138  |          | 04/14/2024 13:09 | <a href="#">WG2266897</a> |
| (S) 4-Bromofluorobenzene  | 103          |           |           | 67.0-138  |          | 04/15/2024 12:43 | <a href="#">WG2267083</a> |
| (S) 1,2-Dichloroethane-d4 | 90.7         |           |           | 70.0-130  |          | 04/14/2024 13:09 | <a href="#">WG2266897</a> |
| (S) 1,2-Dichloroethane-d4 | 90.3         |           |           | 70.0-130  |          | 04/15/2024 12:43 | <a href="#">WG2267083</a> |

6  
Sr

7  
Qc

8  
Gl

9  
Al

10  
Sc

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

| Analyte                       | Result (dry) | Qualifier             | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|-------------------------------|--------------|-----------------------|-----------|-----------|----------|------------------|---------------------------|
|                               | mg/kg        |                       | mg/kg     | mg/kg     |          | date / time      |                           |
| Diesel Range Organics (DRO)   | 47.8         | <a href="#">J3 J6</a> | 1.44      | 4.34      | 1        | 04/14/2024 21:58 | <a href="#">WG2266739</a> |
| Residual Range Organics (RRO) | 249          |                       | 7.23      | 21.7      | 2        | 04/15/2024 14:50 | <a href="#">WG2266739</a> |
| (S) o-Terphenyl               | 41.2         |                       |           | 18.0-148  |          | 04/15/2024 14:50 | <a href="#">WG2266739</a> |
| (S) o-Terphenyl               | 33.7         |                       |           | 18.0-148  |          | 04/14/2024 21:58 | <a href="#">WG2266739</a> |

Sample Narrative:

L1725709-01 WG2266739: Sample resembles laboratory standard for Hydraulic Oil.

## Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis         | Batch                     |
|--------------|--------|-----------|----------|------------------|---------------------------|
|              | %      |           |          | date / time      |                           |
| Total Solids | 67.9   |           | 1        | 04/15/2024 11:40 | <a href="#">WG2267248</a> |

## Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                                 | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Gasoline Range Organics-NWTPH   | 4.61         | <u>J</u>  | 1.67      | 4.93      | 25       | 04/14/2024 15:49 | <a href="#">WG2266880</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 98.8         |           |           | 77.0-120  |          | 04/14/2024 15:49 | <a href="#">WG2266880</a> |

## Volatile Organic Compounds (GC/MS) by Method 8260D

| Analyte                   | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                           | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Benzene                   | 0.0798       |           | 0.000920  | 0.00197   | 1        | 04/14/2024 13:29 | <a href="#">WG2266897</a> |
| Toluene                   | 0.00721      | <u>J</u>  | 0.00256   | 0.00985   | 1        | 04/14/2024 13:29 | <a href="#">WG2266897</a> |
| Ethylbenzene              | 0.0735       |           | 0.00145   | 0.00493   | 1        | 04/14/2024 13:29 | <a href="#">WG2266897</a> |
| Xylenes, Total            | 0.0889       |           | 0.00174   | 0.0129    | 1        | 04/15/2024 12:24 | <a href="#">WG2267083</a> |
| (S) Toluene-d8            | 112          |           |           | 75.0-131  |          | 04/14/2024 13:29 | <a href="#">WG2266897</a> |
| (S) Toluene-d8            | 109          |           |           | 75.0-131  |          | 04/15/2024 12:24 | <a href="#">WG2267083</a> |
| (S) 4-Bromofluorobenzene  | 94.1         |           |           | 67.0-138  |          | 04/14/2024 13:29 | <a href="#">WG2266897</a> |
| (S) 4-Bromofluorobenzene  | 104          |           |           | 67.0-138  |          | 04/15/2024 12:24 | <a href="#">WG2267083</a> |
| (S) 1,2-Dichloroethane-d4 | 79.3         |           |           | 70.0-130  |          | 04/14/2024 13:29 | <a href="#">WG2266897</a> |
| (S) 1,2-Dichloroethane-d4 | 92.4         |           |           | 70.0-130  |          | 04/15/2024 12:24 | <a href="#">WG2267083</a> |

## Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

| Analyte                       | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|-------------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                               | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Diesel Range Organics (DRO)   | U            |           | 1.96      | 5.89      | 1        | 04/15/2024 13:30 | <a href="#">WG2266739</a> |
| Residual Range Organics (RRO) | U            |           | 4.90      | 14.7      | 1        | 04/15/2024 13:30 | <a href="#">WG2266739</a> |
| (S) o-Terphenyl               | 26.0         |           |           | 18.0-148  |          | 04/15/2024 13:30 | <a href="#">WG2266739</a> |

1 Cp

2 Tc

3 Ss

4 Cn

5 Ds

6 Sr

7 Qc

8 Gl

9 Al

10 Sc

## Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis date / time | Batch                     |
|--------------|--------|-----------|----------|----------------------|---------------------------|
| Total Solids | 62.5   |           | 1        | 04/15/2024 11:40     | <a href="#">WG2267248</a> |

1  
Cp2  
Tc

## Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result (dry)<br>mg/kg | Qualifier | MDL (dry)<br>mg/kg | RDL (dry)<br>mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------------|-----------------------|-----------|--------------------|--------------------|----------|----------------------|---------------------------|
| Gasoline Range Organics-NWTPH   | 2.41                  | J         | 1.93               | 5.68               | 25       | 04/14/2024 16:09     | <a href="#">WG2266880</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 99.0                  |           |                    | 77.0-120           |          | 04/14/2024 16:09     | <a href="#">WG2266880</a> |

3  
Ss4  
Cn5  
Ds

## Volatile Organic Compounds (GC/MS) by Method 8260D

| Analyte                   | Result (dry)<br>mg/kg | Qualifier | MDL (dry)<br>mg/kg | RDL (dry)<br>mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------|-----------------------|-----------|--------------------|--------------------|----------|----------------------|---------------------------|
| Benzene                   | 0.641                 |           | 0.00106            | 0.00227            | 1        | 04/14/2024 13:49     | <a href="#">WG2266897</a> |
| Toluene                   | U                     |           | 0.00296            | 0.0114             | 1        | 04/14/2024 13:49     | <a href="#">WG2266897</a> |
| Ethylbenzene              | U                     |           | 0.00168            | 0.00568            | 1        | 04/14/2024 13:49     | <a href="#">WG2266897</a> |
| Xylenes, Total            | U                     |           | 0.00200            | 0.0148             | 1        | 04/14/2024 13:49     | <a href="#">WG2266897</a> |
| (S) Toluene-d8            | 110                   |           |                    | 75.0-131           |          | 04/14/2024 13:49     | <a href="#">WG2266897</a> |
| (S) 4-Bromofluorobenzene  | 99.7                  |           |                    | 67.0-138           |          | 04/14/2024 13:49     | <a href="#">WG2266897</a> |
| (S) 1,2-Dichloroethane-d4 | 83.0                  |           |                    | 70.0-130           |          | 04/14/2024 13:49     | <a href="#">WG2266897</a> |

6  
Sr7  
Qc8  
Gl9  
Al

## Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

| Analyte                       | Result (dry)<br>mg/kg | Qualifier | MDL (dry)<br>mg/kg | RDL (dry)<br>mg/kg | Dilution | Analysis date / time | Batch                     |
|-------------------------------|-----------------------|-----------|--------------------|--------------------|----------|----------------------|---------------------------|
| Diesel Range Organics (DRO)   | U                     |           | 2.13               | 6.40               | 1        | 04/15/2024 13:43     | <a href="#">WG2266739</a> |
| Residual Range Organics (RRO) | U                     |           | 5.33               | 16.0               | 1        | 04/15/2024 13:43     | <a href="#">WG2266739</a> |
| (S) o-Terphenyl               | 18.6                  |           |                    | 18.0-148           |          | 04/15/2024 13:43     | <a href="#">WG2266739</a> |

10  
Sc

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis         | Batch                     |
|--------------|--------|-----------|----------|------------------|---------------------------|
|              | %      |           |          | date / time      |                           |
| Total Solids | 71.8   |           | 1        | 04/15/2024 11:40 | <a href="#">WG2267248</a> |

<sup>1</sup> Cp

<sup>2</sup> Tc

Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                                 | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Gasoline Range Organics-NWTPH   | U            |           | 1.55      | 4.58      | 25       | 04/14/2024 16:28 | <a href="#">WG2266880</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 98.0         |           |           | 77.0-120  |          | 04/14/2024 16:28 | <a href="#">WG2266880</a> |

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Ds

Volatile Organic Compounds (GC/MS) by Method 8260D

| Analyte                   | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                           | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Benzene                   | U            |           | 0.000856  | 0.00183   | 1        | 04/14/2024 14:09 | <a href="#">WG2266897</a> |
| Toluene                   | 0.00412      | J         | 0.00238   | 0.00916   | 1        | 04/14/2024 14:09 | <a href="#">WG2266897</a> |
| Ethylbenzene              | 0.00370      | J         | 0.00135   | 0.00458   | 1        | 04/14/2024 14:09 | <a href="#">WG2266897</a> |
| Xylenes, Total            | 0.0157       |           | 0.00161   | 0.0119    | 1        | 04/14/2024 14:09 | <a href="#">WG2266897</a> |
| (S) Toluene-d8            | 110          |           |           | 75.0-131  |          | 04/14/2024 14:09 | <a href="#">WG2266897</a> |
| (S) 4-Bromofluorobenzene  | 99.7         |           |           | 67.0-138  |          | 04/14/2024 14:09 | <a href="#">WG2266897</a> |
| (S) 1,2-Dichloroethane-d4 | 85.8         |           |           | 70.0-130  |          | 04/14/2024 14:09 | <a href="#">WG2266897</a> |

<sup>6</sup> Sr

<sup>7</sup> Qc

<sup>8</sup> Gl

<sup>9</sup> Al

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

| Analyte                       | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|-------------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                               | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Diesel Range Organics (DRO)   | U            |           | 1.85      | 5.57      | 1        | 04/14/2024 23:03 | <a href="#">WG2266739</a> |
| Residual Range Organics (RRO) | U            |           | 4.64      | 13.9      | 1        | 04/14/2024 23:03 | <a href="#">WG2266739</a> |
| (S) o-Terphenyl               | 20.2         |           |           | 18.0-148  |          | 04/14/2024 23:03 | <a href="#">WG2266739</a> |

<sup>10</sup> Sc

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis         | Batch                     |
|--------------|--------|-----------|----------|------------------|---------------------------|
|              | %      |           |          | date / time      |                           |
| Total Solids | 62.8   |           | 1        | 04/15/2024 11:40 | <a href="#">WG2267248</a> |

<sup>1</sup>Cp

<sup>2</sup>Tc

Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                                 | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Gasoline Range Organics-NWTPH   | 3.59         | J         | 2.04      | 6.02      | 28.5     | 04/14/2024 17:52 | <a href="#">WG2266880</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 99.3         |           |           | 77.0-120  |          | 04/14/2024 17:52 | <a href="#">WG2266880</a> |

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Ds

Volatile Organic Compounds (GC/MS) by Method 8260D

| Analyte                   | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                           | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Benzene                   | U            |           | 0.00112   | 0.00241   | 1.14     | 04/14/2024 14:29 | <a href="#">WG2266897</a> |
| Toluene                   | U            |           | 0.00313   | 0.0120    | 1.14     | 04/14/2024 14:29 | <a href="#">WG2266897</a> |
| Ethylbenzene              | 0.00416      | J         | 0.00178   | 0.00602   | 1.14     | 04/14/2024 14:29 | <a href="#">WG2266897</a> |
| Xylenes, Total            | 0.00361      | J         | 0.00211   | 0.0157    | 1.14     | 04/14/2024 14:29 | <a href="#">WG2266897</a> |
| (S) Toluene-d8            | 109          |           |           | 75.0-131  |          | 04/14/2024 14:29 | <a href="#">WG2266897</a> |
| (S) 4-Bromofluorobenzene  | 99.9         |           |           | 67.0-138  |          | 04/14/2024 14:29 | <a href="#">WG2266897</a> |
| (S) 1,2-Dichloroethane-d4 | 87.8         |           |           | 70.0-130  |          | 04/14/2024 14:29 | <a href="#">WG2266897</a> |

<sup>6</sup>Sr

<sup>7</sup>Qc

<sup>8</sup>Gl

<sup>9</sup>Al

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

| Analyte                       | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|-------------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                               | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Diesel Range Organics (DRO)   | U            |           | 2.12      | 6.37      | 1        | 04/15/2024 13:57 | <a href="#">WG2266739</a> |
| Residual Range Organics (RRO) | U            |           | 5.31      | 15.9      | 1        | 04/15/2024 13:57 | <a href="#">WG2266739</a> |
| (S) o-Terphenyl               | 22.1         |           |           | 18.0-148  |          | 04/15/2024 13:57 | <a href="#">WG2266739</a> |

<sup>10</sup>Sc

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis date / time | Batch                     |
|--------------|--------|-----------|----------|----------------------|---------------------------|
| Total Solids | 70.3   |           | 1        | 04/15/2024 11:40     | <a href="#">WG2267248</a> |

1  
Cp

2  
Tc

Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Gasoline Range Organics-NWTPH   | 19.3               |           | 1.62            | 4.77            | 25       | 04/14/2024 18:11     | <a href="#">WG2266880</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 100                |           |                 | 77.0-120        |          | 04/14/2024 18:11     | <a href="#">WG2266880</a> |

3  
Ss

4  
Cn

5  
Ds

Volatile Organic Compounds (GC/MS) by Method 8260D

| Analyte                   | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Benzene                   | 0.730              |           | 0.000892        | 0.00191         | 1        | 04/14/2024 14:49     | <a href="#">WG2266897</a> |
| Toluene                   | 0.0327             |           | 0.00248         | 0.00955         | 1        | 04/14/2024 14:49     | <a href="#">WG2266897</a> |
| Ethylbenzene              | 1.40               |           | 0.00141         | 0.00477         | 1        | 04/14/2024 14:49     | <a href="#">WG2266897</a> |
| Xylenes, Total            | 0.399              |           | 0.00168         | 0.0124          | 1        | 04/14/2024 14:49     | <a href="#">WG2266897</a> |
| (S) Toluene-d8            | 108                |           |                 | 75.0-131        |          | 04/14/2024 14:49     | <a href="#">WG2266897</a> |
| (S) 4-Bromofluorobenzene  | 102                |           |                 | 67.0-138        |          | 04/14/2024 14:49     | <a href="#">WG2266897</a> |
| (S) 1,2-Dichloroethane-d4 | 86.6               |           |                 | 70.0-130        |          | 04/14/2024 14:49     | <a href="#">WG2266897</a> |

6  
Sr

7  
Qc

8  
Gl

9  
Al

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

| Analyte                       | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|-------------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Diesel Range Organics (DRO)   | 13.0               |           | 1.89            | 5.69            | 1        | 04/15/2024 00:09     | <a href="#">WG2266739</a> |
| Residual Range Organics (RRO) | U                  |           | 4.74            | 14.2            | 1        | 04/15/2024 00:09     | <a href="#">WG2266739</a> |
| (S) o-Terphenyl               | 21.1               |           |                 | 18.0-148        |          | 04/15/2024 00:09     | <a href="#">WG2266739</a> |

10  
Sc

Sample Narrative:

L1725709-07 WG2266739: Sample resembles laboratory standard for Diesel.

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis         | Batch                     |
|--------------|--------|-----------|----------|------------------|---------------------------|
|              | %      |           |          | date / time      |                           |
| Total Solids | 68.7   |           | 1        | 04/15/2024 11:40 | <a href="#">WG2267248</a> |

1  
Cp

2  
Tc

Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                                 | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Gasoline Range Organics-NWTPH   | 2.94         | J         | 1.65      | 4.87      | 25       | 04/14/2024 18:31 | <a href="#">WG2266880</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 99.3         |           |           | 77.0-120  |          | 04/14/2024 18:31 | <a href="#">WG2266880</a> |

3  
Ss

4  
Cn

5  
Ds

Volatile Organic Compounds (GC/MS) by Method 8260D

| Analyte                   | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                           | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Benzene                   | 0.598        |           | 0.000910  | 0.00195   | 1        | 04/14/2024 15:09 | <a href="#">WG2266897</a> |
| Toluene                   | 0.00932      | J         | 0.00253   | 0.00974   | 1        | 04/14/2024 15:09 | <a href="#">WG2266897</a> |
| Ethylbenzene              | 0.327        |           | 0.00144   | 0.00487   | 1        | 04/14/2024 15:09 | <a href="#">WG2266897</a> |
| Xylenes, Total            | 0.279        |           | 0.00171   | 0.0127    | 1        | 04/14/2024 15:09 | <a href="#">WG2266897</a> |
| (S) Toluene-d8            | 110          |           |           | 75.0-131  |          | 04/14/2024 15:09 | <a href="#">WG2266897</a> |
| (S) 4-Bromofluorobenzene  | 101          |           |           | 67.0-138  |          | 04/14/2024 15:09 | <a href="#">WG2266897</a> |
| (S) 1,2-Dichloroethane-d4 | 84.5         |           |           | 70.0-130  |          | 04/14/2024 15:09 | <a href="#">WG2266897</a> |

6  
Sr

7  
Qc

8  
Gl

9  
Al

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

| Analyte                       | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|-------------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                               | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Diesel Range Organics (DRO)   | 23.0         |           | 1.94      | 5.82      | 1        | 04/15/2024 00:22 | <a href="#">WG2266739</a> |
| Residual Range Organics (RRO) | U            |           | 4.85      | 14.6      | 1        | 04/15/2024 00:22 | <a href="#">WG2266739</a> |
| (S) o-Terphenyl               | 25.1         |           |           | 18.0-148  |          | 04/15/2024 00:22 | <a href="#">WG2266739</a> |

10  
Sc

Sample Narrative:

L1725709-08 WG2266739: Sample resembles laboratory standard for Diesel.

## Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis         | Batch                     |
|--------------|--------|-----------|----------|------------------|---------------------------|
|              | %      |           |          | date / time      |                           |
| Total Solids | 68.3   |           | 1        | 04/15/2024 11:40 | <a href="#">WG2267248</a> |

## Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result (dry) | Qualifier           | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------------|--------------|---------------------|-----------|-----------|----------|------------------|---------------------------|
|                                 | mg/kg        |                     | mg/kg     | mg/kg     |          | date / time      |                           |
| Gasoline Range Organics-NWTPH   | 2.16         | <a href="#">B J</a> | 1.67      | 4.91      | 25       | 04/18/2024 00:40 | <a href="#">WG2269343</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 89.0         |                     |           | 77.0-120  |          | 04/18/2024 00:40 | <a href="#">WG2269343</a> |

## Volatile Organic Compounds (GC/MS) by Method 8260D

| Analyte                   | Result (dry) | Qualifier           | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------|--------------|---------------------|-----------|-----------|----------|------------------|---------------------------|
|                           | mg/kg        |                     | mg/kg     | mg/kg     |          | date / time      |                           |
| Benzene                   | 0.00146      | <a href="#">J</a>   | 0.000917  | 0.00196   | 1        | 04/17/2024 19:44 | <a href="#">WG2269286</a> |
| Toluene                   | 0.00334      | <a href="#">B J</a> | 0.00255   | 0.00982   | 1        | 04/17/2024 19:44 | <a href="#">WG2269286</a> |
| Ethylbenzene              | 0.00634      |                     | 0.00145   | 0.00491   | 1        | 04/17/2024 19:44 | <a href="#">WG2269286</a> |
| Xylenes, Total            | 0.0125       | <a href="#">J</a>   | 0.00173   | 0.0128    | 1        | 04/17/2024 19:44 | <a href="#">WG2269286</a> |
| (S) Toluene-d8            | 109          |                     |           | 75.0-131  |          | 04/17/2024 19:44 | <a href="#">WG2269286</a> |
| (S) 4-Bromofluorobenzene  | 92.1         |                     |           | 67.0-138  |          | 04/17/2024 19:44 | <a href="#">WG2269286</a> |
| (S) 1,2-Dichloroethane-d4 | 70.4         |                     |           | 70.0-130  |          | 04/17/2024 19:44 | <a href="#">WG2269286</a> |

## Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

| Analyte                       | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|-------------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                               | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Diesel Range Organics (DRO)   | U            |           | 1.95      | 5.86      | 1        | 04/19/2024 14:33 | <a href="#">WG2270659</a> |
| Residual Range Organics (RRO) | U            |           | 4.87      | 14.6      | 1        | 04/19/2024 14:33 | <a href="#">WG2270659</a> |
| (S) o-Terphenyl               | 45.9         |           |           | 18.0-148  |          | 04/19/2024 14:33 | <a href="#">WG2270659</a> |

<sup>1</sup> Cp<sup>2</sup> Tc<sup>3</sup> Ss<sup>4</sup> Cn<sup>5</sup> Ds<sup>6</sup> Sr<sup>7</sup> Qc<sup>8</sup> Gl<sup>9</sup> Al<sup>10</sup> Sc

## Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis date / time | Batch                     |
|--------------|--------|-----------|----------|----------------------|---------------------------|
| Total Solids | 94.6   |           | 1        | 04/15/2024 11:40     | <a href="#">WG2267248</a> |

1  
Cp2  
Tc

## Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result (dry)<br>mg/kg | Qualifier | MDL (dry)<br>mg/kg | RDL (dry)<br>mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------------|-----------------------|-----------|--------------------|--------------------|----------|----------------------|---------------------------|
| Gasoline Range Organics-NWTPH   | 13.1                  |           | 0.948              | 2.80               | 25       | 04/14/2024 20:01     | <a href="#">WG2266880</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 99.8                  |           |                    | 77.0-120           |          | 04/14/2024 20:01     | <a href="#">WG2266880</a> |

3  
Ss4  
Cn5  
Ds

## Volatile Organic Compounds (GC/MS) by Method 8260D

| Analyte                   | Result (dry)<br>mg/kg | Qualifier | MDL (dry)<br>mg/kg | RDL (dry)<br>mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------|-----------------------|-----------|--------------------|--------------------|----------|----------------------|---------------------------|
| Benzene                   | 0.00626               |           | 0.000522           | 0.00112            | 1        | 04/14/2024 15:30     | <a href="#">WG2266897</a> |
| Toluene                   | 0.0415                |           | 0.00145            | 0.00559            | 1        | 04/14/2024 15:30     | <a href="#">WG2266897</a> |
| Ethylbenzene              | 0.143                 |           | 0.000824           | 0.00280            | 1        | 04/14/2024 15:30     | <a href="#">WG2266897</a> |
| Xylenes, Total            | 0.296                 |           | 0.000984           | 0.00727            | 1        | 04/14/2024 15:30     | <a href="#">WG2266897</a> |
| (S) Toluene-d8            | 110                   |           |                    | 75.0-131           |          | 04/14/2024 15:30     | <a href="#">WG2266897</a> |
| (S) 4-Bromofluorobenzene  | 105                   |           |                    | 67.0-138           |          | 04/14/2024 15:30     | <a href="#">WG2266897</a> |
| (S) 1,2-Dichloroethane-d4 | 85.0                  |           |                    | 70.0-130           |          | 04/14/2024 15:30     | <a href="#">WG2266897</a> |

6  
Sr7  
Qc8  
Gl9  
Al

## Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

| Analyte                       | Result (dry)<br>mg/kg | Qualifier | MDL (dry)<br>mg/kg | RDL (dry)<br>mg/kg | Dilution | Analysis date / time | Batch                     |
|-------------------------------|-----------------------|-----------|--------------------|--------------------|----------|----------------------|---------------------------|
| Diesel Range Organics (DRO)   | 2.76                  | J         | 1.41               | 4.23               | 1        | 04/15/2024 00:35     | <a href="#">WG2266739</a> |
| Residual Range Organics (RRO) | U                     |           | 3.52               | 10.6               | 1        | 04/15/2024 00:35     | <a href="#">WG2266739</a> |
| (S) o-Terphenyl               | 41.2                  |           |                    | 18.0-148           |          | 04/15/2024 00:35     | <a href="#">WG2266739</a> |

10  
Sc

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis date / time | Batch                     |
|--------------|--------|-----------|----------|----------------------|---------------------------|
| Total Solids | 70.2   |           | 1        | 04/15/2024 11:29     | <a href="#">WG2267249</a> |

1  
Cp

2  
Tc

Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Gasoline Range Organics-NWTPH   | 1.79               | J         | 1.65            | 4.86            | 25       | 04/14/2024 20:20     | <a href="#">WG2266880</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 98.5               |           |                 | 77.0-120        |          | 04/14/2024 20:20     | <a href="#">WG2266880</a> |

3  
Ss

4  
Cn

5  
Ds

Volatile Organic Compounds (GC/MS) by Method 8260D

| Analyte                   | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Benzene                   | 0.289              |           | 0.000907        | 0.00194         | 1        | 04/14/2024 15:50     | <a href="#">WG2266897</a> |
| Toluene                   | U                  |           | 0.00253         | 0.00971         | 1        | 04/14/2024 15:50     | <a href="#">WG2266897</a> |
| Ethylbenzene              | U                  |           | 0.00143         | 0.00486         | 1        | 04/14/2024 15:50     | <a href="#">WG2266897</a> |
| Xylenes, Total            | U                  |           | 0.00171         | 0.0126          | 1        | 04/14/2024 15:50     | <a href="#">WG2266897</a> |
| (S) Toluene-d8            | 110                |           |                 | 75.0-131        |          | 04/14/2024 15:50     | <a href="#">WG2266897</a> |
| (S) 4-Bromofluorobenzene  | 99.5               |           |                 | 67.0-138        |          | 04/14/2024 15:50     | <a href="#">WG2266897</a> |
| (S) 1,2-Dichloroethane-d4 | 81.4               |           |                 | 70.0-130        |          | 04/14/2024 15:50     | <a href="#">WG2266897</a> |

6  
Sr

7  
Qc

8  
Gl

9  
Al

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

| Analyte                       | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|-------------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Diesel Range Organics (DRO)   | U                  |           | 1.90            | 5.70            | 1        | 04/15/2024 14:10     | <a href="#">WG2266739</a> |
| Residual Range Organics (RRO) | U                  |           | 4.75            | 14.3            | 1        | 04/15/2024 14:10     | <a href="#">WG2266739</a> |
| (S) o-Terphenyl               | 17.3               | J2        |                 | 18.0-148        |          | 04/15/2024 14:10     | <a href="#">WG2266739</a> |

10  
Sc

Sample Narrative:

L1725709-11 WG2266739: Duplicate Analysis performed due to surrogate failure. Results confirm; reporting in hold data

## Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis date / time | Batch                     |
|--------------|--------|-----------|----------|----------------------|---------------------------|
| Total Solids | 66.0   |           | 1        | 04/15/2024 11:29     | <a href="#">WG2267249</a> |

1 Cp

2 Tc

## Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result (dry) mg/kg | Qualifier           | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------------|--------------------|---------------------|-----------------|-----------------|----------|----------------------|---------------------------|
| Gasoline Range Organics-NWTPH   | 3.13               | <a href="#">B J</a> | 1.79            | 5.27            | 26.3     | 04/18/2024 01:04     | <a href="#">WG2269343</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 89.1               |                     |                 | 77.0-120        |          | 04/18/2024 01:04     | <a href="#">WG2269343</a> |

3 Ss

4 Cn

5 Ds

## Volatile Organic Compounds (GC/MS) by Method 8260D

| Analyte                   | Result (dry) mg/kg | Qualifier         | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------|--------------------|-------------------|-----------------|-----------------|----------|----------------------|---------------------------|
| Benzene                   | U                  |                   | 0.000982        | 0.00211         | 1.05     | 04/17/2024 20:03     | <a href="#">WG2269286</a> |
| Toluene                   | U                  |                   | 0.00273         | 0.0105          | 1.05     | 04/17/2024 20:03     | <a href="#">WG2269286</a> |
| Ethylbenzene              | U                  |                   | 0.00155         | 0.00527         | 1.05     | 04/17/2024 20:03     | <a href="#">WG2269286</a> |
| Xylenes, Total            | 0.00295            | <a href="#">J</a> | 0.00185         | 0.0137          | 1.05     | 04/17/2024 20:03     | <a href="#">WG2269286</a> |
| (S) Toluene-d8            | 108                |                   |                 | 75.0-131        |          | 04/17/2024 20:03     | <a href="#">WG2269286</a> |
| (S) 4-Bromofluorobenzene  | 91.4               |                   |                 | 67.0-138        |          | 04/17/2024 20:03     | <a href="#">WG2269286</a> |
| (S) 1,2-Dichloroethane-d4 | 70.4               |                   |                 | 70.0-130        |          | 04/17/2024 20:03     | <a href="#">WG2269286</a> |

6 Sr

7 Qc

8 Gl

9 Al

## Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

| Analyte                       | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|-------------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Diesel Range Organics (DRO)   | U                  |           | 2.02            | 6.06            | 1        | 04/19/2024 14:46     | <a href="#">WG2270659</a> |
| Residual Range Organics (RRO) | U                  |           | 5.05            | 15.2            | 1        | 04/19/2024 14:46     | <a href="#">WG2270659</a> |
| (S) o-Terphenyl               | 30.5               |           |                 | 18.0-148        |          | 04/19/2024 14:46     | <a href="#">WG2270659</a> |

10 Sc

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis date / time | Batch                     |
|--------------|--------|-----------|----------|----------------------|---------------------------|
| Total Solids | 96.0   |           | 1        | 04/15/2024 11:29     | <a href="#">WG2267249</a> |

<sup>1</sup> Cp

<sup>2</sup> Tc

Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Gasoline Range Organics-NWTPH   | 11.9               |           | 0.927           | 2.73            | 25       | 04/14/2024 20:39     | <a href="#">WG2266880</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 99.1               |           |                 | 77.0-120        |          | 04/14/2024 20:39     | <a href="#">WG2266880</a> |

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Ds

Volatile Organic Compounds (GC/MS) by Method 8260D

| Analyte                   | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Benzene                   | 0.00177            |           | 0.000510        | 0.00109         | 1        | 04/14/2024 16:10     | <a href="#">WG2266897</a> |
| Toluene                   | 0.00744            |           | 0.00142         | 0.00546         | 1        | 04/14/2024 16:10     | <a href="#">WG2266897</a> |
| Ethylbenzene              | 0.0415             |           | 0.000805        | 0.00273         | 1        | 04/14/2024 16:10     | <a href="#">WG2266897</a> |
| Xylenes, Total            | 0.0852             |           | 0.000962        | 0.00710         | 1        | 04/14/2024 16:10     | <a href="#">WG2266897</a> |
| (S) Toluene-d8            | 111                |           |                 | 75.0-131        |          | 04/14/2024 16:10     | <a href="#">WG2266897</a> |
| (S) 4-Bromofluorobenzene  | 102                |           |                 | 67.0-138        |          | 04/14/2024 16:10     | <a href="#">WG2266897</a> |
| (S) 1,2-Dichloroethane-d4 | 84.8               |           |                 | 70.0-130        |          | 04/14/2024 16:10     | <a href="#">WG2266897</a> |

<sup>6</sup> Sr

<sup>7</sup> Qc

<sup>8</sup> Gl

<sup>9</sup> Al

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

| Analyte                       | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|-------------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Diesel Range Organics (DRO)   | 10.2               |           | 1.39            | 4.17            | 1        | 04/15/2024 01:01     | <a href="#">WG2266739</a> |
| Residual Range Organics (RRO) | U                  |           | 3.47            | 10.4            | 1        | 04/15/2024 01:01     | <a href="#">WG2266739</a> |
| (S) o-Terphenyl               | 32.2               |           |                 | 18.0-148        |          | 04/15/2024 01:01     | <a href="#">WG2266739</a> |

<sup>10</sup> Sc

Sample Narrative:

L1725709-13 WG2266739: Sample resembles laboratory standard for Diesel.

## Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis         | Batch                     |
|--------------|--------|-----------|----------|------------------|---------------------------|
|              | %      |           |          | date / time      |                           |
| Total Solids | 66.6   |           | 1        | 04/15/2024 11:29 | <a href="#">WG2267249</a> |

## Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                                 | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Gasoline Range Organics-NWTPH   | 4.39         | <u>J</u>  | 1.76      | 5.18      | 25       | 04/14/2024 20:59 | <a href="#">WG2266880</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 97.8         |           |           | 77.0-120  |          | 04/14/2024 20:59 | <a href="#">WG2266880</a> |

## Volatile Organic Compounds (GC/MS) by Method 8260D

| Analyte                   | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                           | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Benzene                   | 1.25         |           | 0.000967  | 0.00207   | 1        | 04/14/2024 16:30 | <a href="#">WG2266897</a> |
| Toluene                   | 0.00437      | <u>J</u>  | 0.00269   | 0.0104    | 1        | 04/14/2024 16:30 | <a href="#">WG2266897</a> |
| Ethylbenzene              | U            |           | 0.00153   | 0.00518   | 1        | 04/14/2024 16:30 | <a href="#">WG2266897</a> |
| Xylenes, Total            | 0.00342      | <u>J</u>  | 0.00182   | 0.0135    | 1        | 04/14/2024 16:30 | <a href="#">WG2266897</a> |
| (S) Toluene-d8            | 110          |           |           | 75.0-131  |          | 04/14/2024 16:30 | <a href="#">WG2266897</a> |
| (S) 4-Bromofluorobenzene  | 102          |           |           | 67.0-138  |          | 04/14/2024 16:30 | <a href="#">WG2266897</a> |
| (S) 1,2-Dichloroethane-d4 | 84.1         |           |           | 70.0-130  |          | 04/14/2024 16:30 | <a href="#">WG2266897</a> |

## Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

| Analyte                       | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|-------------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                               | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Diesel Range Organics (DRO)   | U            |           | 2.00      | 6.01      | 1        | 04/15/2024 01:14 | <a href="#">WG2266739</a> |
| Residual Range Organics (RRO) | U            |           | 5.00      | 15.0      | 1        | 04/15/2024 01:14 | <a href="#">WG2266739</a> |
| (S) o-Terphenyl               | 20.0         |           |           | 18.0-148  |          | 04/15/2024 01:14 | <a href="#">WG2266739</a> |

1 Cp

2 Tc

3 Ss

4 Cn

5 Ds

6 Sr

7 Qc

8 Gl

9 Al

10 Sc

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis         | Batch                     |
|--------------|--------|-----------|----------|------------------|---------------------------|
|              | %      |           |          | date / time      |                           |
| Total Solids | 68.5   |           | 1        | 04/15/2024 11:29 | <a href="#">WG2267249</a> |

<sup>1</sup> Cp

<sup>2</sup> Tc

Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result (dry) | Qualifier           | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------------|--------------|---------------------|-----------|-----------|----------|------------------|---------------------------|
|                                 | mg/kg        |                     | mg/kg     | mg/kg     |          | date / time      |                           |
| Gasoline Range Organics-NWTPH   | 2.67         | <a href="#">B J</a> | 1.65      | 4.86      | 25       | 04/18/2024 01:27 | <a href="#">WG2269343</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 89.7         |                     |           | 77.0-120  |          | 04/18/2024 01:27 | <a href="#">WG2269343</a> |

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Ds

Volatile Organic Compounds (GC/MS) by Method 8260D

| Analyte                   | Result (dry) | Qualifier         | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------|--------------|-------------------|-----------|-----------|----------|------------------|---------------------------|
|                           | mg/kg        |                   | mg/kg     | mg/kg     |          | date / time      |                           |
| Benzene                   | U            |                   | 0.000909  | 0.00195   | 1        | 04/17/2024 20:22 | <a href="#">WG2269286</a> |
| Toluene                   | U            |                   | 0.00253   | 0.00973   | 1        | 04/17/2024 20:22 | <a href="#">WG2269286</a> |
| Ethylbenzene              | U            |                   | 0.00143   | 0.00486   | 1        | 04/17/2024 20:22 | <a href="#">WG2269286</a> |
| Xylenes, Total            | 0.00348      | <a href="#">J</a> | 0.00171   | 0.0126    | 1        | 04/17/2024 20:22 | <a href="#">WG2269286</a> |
| (S) Toluene-d8            | 108          |                   |           | 75.0-131  |          | 04/17/2024 20:22 | <a href="#">WG2269286</a> |
| (S) 4-Bromofluorobenzene  | 94.4         |                   |           | 67.0-138  |          | 04/17/2024 20:22 | <a href="#">WG2269286</a> |
| (S) 1,2-Dichloroethane-d4 | 70.9         |                   |           | 70.0-130  |          | 04/17/2024 20:22 | <a href="#">WG2269286</a> |

<sup>6</sup> Sr

<sup>7</sup> Qc

<sup>8</sup> Gl

<sup>9</sup> Al

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

| Analyte                       | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|-------------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                               | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Diesel Range Organics (DRO)   | U            |           | 1.94      | 5.84      | 1        | 04/19/2024 15:11 | <a href="#">WG2270659</a> |
| Residual Range Organics (RRO) | U            |           | 4.86      | 14.6      | 1        | 04/19/2024 15:11 | <a href="#">WG2270659</a> |
| (S) o-Terphenyl               | 27.8         |           |           | 18.0-148  |          | 04/19/2024 15:11 | <a href="#">WG2270659</a> |

<sup>10</sup> Sc

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis         | Batch                     |
|--------------|--------|-----------|----------|------------------|---------------------------|
|              | %      |           |          | date / time      |                           |
| Total Solids | 93.7   |           | 1        | 04/15/2024 11:29 | <a href="#">WG2267249</a> |

<sup>1</sup> Cp

<sup>2</sup> Tc

Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                                 | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Gasoline Range Organics-NWTPH   | 3.80         |           | 0.974     | 2.87      | 25       | 04/14/2024 21:18 | <a href="#">WG2266880</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 98.6         |           |           | 77.0-120  |          | 04/14/2024 21:18 | <a href="#">WG2266880</a> |

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Ds

Volatile Organic Compounds (GC/MS) by Method 8260D

| Analyte                   | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                           | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Benzene                   | 0.00563      |           | 0.000537  | 0.00115   | 1        | 04/14/2024 16:50 | <a href="#">WG2266897</a> |
| Toluene                   | 0.0611       |           | 0.00149   | 0.00575   | 1        | 04/14/2024 16:50 | <a href="#">WG2266897</a> |
| Ethylbenzene              | 0.0132       |           | 0.000847  | 0.00287   | 1        | 04/14/2024 16:50 | <a href="#">WG2266897</a> |
| Xylenes, Total            | 0.0841       |           | 0.00101   | 0.00747   | 1        | 04/14/2024 16:50 | <a href="#">WG2266897</a> |
| (S) Toluene-d8            | 110          |           |           | 75.0-131  |          | 04/14/2024 16:50 | <a href="#">WG2266897</a> |
| (S) 4-Bromofluorobenzene  | 101          |           |           | 67.0-138  |          | 04/14/2024 16:50 | <a href="#">WG2266897</a> |
| (S) 1,2-Dichloroethane-d4 | 85.4         |           |           | 70.0-130  |          | 04/14/2024 16:50 | <a href="#">WG2266897</a> |

<sup>6</sup> Sr

<sup>7</sup> Qc

<sup>8</sup> Gl

<sup>9</sup> Al

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

| Analyte                       | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|-------------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                               | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Diesel Range Organics (DRO)   | U            |           | 1.42      | 4.27      | 1        | 04/15/2024 01:27 | <a href="#">WG2266739</a> |
| Residual Range Organics (RRO) | U            |           | 3.55      | 10.7      | 1        | 04/15/2024 01:27 | <a href="#">WG2266739</a> |
| (S) o-Terphenyl               | 37.0         |           |           | 18.0-148  |          | 04/15/2024 01:27 | <a href="#">WG2266739</a> |

<sup>10</sup> Sc

## Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis date / time | Batch                     |
|--------------|--------|-----------|----------|----------------------|---------------------------|
| Total Solids | 68.4   |           | 1        | 04/15/2024 11:29     | <a href="#">WG2267249</a> |

## Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Gasoline Range Organics-NWTPH   | 2.24               | J         | 1.75            | 5.17            | 27.5     | 04/14/2024 21:37     | <a href="#">WG2266880</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 101                |           |                 | 77.0-120        |          | 04/14/2024 21:37     | <a href="#">WG2266880</a> |

## Volatile Organic Compounds (GC/MS) by Method 8260D

| Analyte                   | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Benzene                   | U                  |           | 0.000967        | 0.00207         | 1.1      | 04/14/2024 17:10     | <a href="#">WG2266897</a> |
| Toluene                   | U                  |           | 0.00269         | 0.0103          | 1.1      | 04/14/2024 17:10     | <a href="#">WG2266897</a> |
| Ethylbenzene              | U                  |           | 0.00153         | 0.00517         | 1.1      | 04/14/2024 17:10     | <a href="#">WG2266897</a> |
| Xylenes, Total            | 0.00233            | J         | 0.00182         | 0.0135          | 1.1      | 04/14/2024 17:10     | <a href="#">WG2266897</a> |
| (S) Toluene-d8            | 109                |           |                 | 75.0-131        |          | 04/14/2024 17:10     | <a href="#">WG2266897</a> |
| (S) 4-Bromofluorobenzene  | 99.1               |           |                 | 67.0-138        |          | 04/14/2024 17:10     | <a href="#">WG2266897</a> |
| (S) 1,2-Dichloroethane-d4 | 86.2               |           |                 | 70.0-130        |          | 04/14/2024 17:10     | <a href="#">WG2266897</a> |

## Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

| Analyte                       | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|-------------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Diesel Range Organics (DRO)   | U                  |           | 1.94            | 5.84            | 1        | 04/15/2024 02:19     | <a href="#">WG2266739</a> |
| Residual Range Organics (RRO) | U                  |           | 4.87            | 14.6            | 1        | 04/15/2024 02:19     | <a href="#">WG2266739</a> |
| (S) o-Terphenyl               | 19.9               |           |                 | 18.0-148        |          | 04/15/2024 02:19     | <a href="#">WG2266739</a> |

1 Cp

2 Tc

3 Ss

4 Cn

5 Ds

6 Sr

7 Qc

8 Gl

9 Al

10 Sc

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis date / time | Batch                     |
|--------------|--------|-----------|----------|----------------------|---------------------------|
| Total Solids | 69.8   |           | 1        | 04/15/2024 11:29     | <a href="#">WG2267249</a> |

<sup>1</sup> Cp

<sup>2</sup> Tc

Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Gasoline Range Organics-NWTPH   | U                  |           | 2.49            | 7.36            | 43.8     | 04/14/2024 21:56     | <a href="#">WG2266880</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 99.3               |           |                 | 77.0-120        |          | 04/14/2024 21:56     | <a href="#">WG2266880</a> |

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Ds

Volatile Organic Compounds (GC/MS) by Method 8260D

| Analyte                   | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Benzene                   | U                  |           | 0.00137         | 0.00294         | 1.75     | 04/14/2024 17:30     | <a href="#">WG2266897</a> |
| Toluene                   | U                  |           | 0.00383         | 0.0147          | 1.75     | 04/14/2024 17:30     | <a href="#">WG2266897</a> |
| Ethylbenzene              | U                  |           | 0.00217         | 0.00736         | 1.75     | 04/14/2024 17:30     | <a href="#">WG2266897</a> |
| Xylenes, Total            | 0.00455            | <u>J</u>  | 0.00259         | 0.0192          | 1.75     | 04/14/2024 17:30     | <a href="#">WG2266897</a> |
| (S) Toluene-d8            | 110                |           |                 | 75.0-131        |          | 04/14/2024 17:30     | <a href="#">WG2266897</a> |
| (S) 4-Bromofluorobenzene  | 102                |           |                 | 67.0-138        |          | 04/14/2024 17:30     | <a href="#">WG2266897</a> |
| (S) 1,2-Dichloroethane-d4 | 84.9               |           |                 | 70.0-130        |          | 04/14/2024 17:30     | <a href="#">WG2266897</a> |

<sup>6</sup> Sr

<sup>7</sup> Qc

<sup>8</sup> Gl

<sup>9</sup> Al

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

| Analyte                       | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|-------------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Diesel Range Organics (DRO)   | U                  |           | 1.91            | 5.73            | 1        | 04/15/2024 14:23     | <a href="#">WG2266739</a> |
| Residual Range Organics (RRO) | U                  |           | 4.77            | 14.3            | 1        | 04/15/2024 14:23     | <a href="#">WG2266739</a> |
| (S) o-Terphenyl               | 17.8               | <u>J2</u> |                 | 18.0-148        |          | 04/15/2024 14:23     | <a href="#">WG2266739</a> |

<sup>10</sup> Sc

Sample Narrative:

L1725709-19 WG2266739: Duplicate Analysis performed due to surrogate failure. Results confirm; reporting in hold data

## Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis         | Batch                     |
|--------------|--------|-----------|----------|------------------|---------------------------|
|              | %      |           |          | date / time      |                           |
| Total Solids | 88.9   |           | 1        | 04/15/2024 11:29 | <a href="#">WG2267249</a> |

1  
Cp2  
Tc

## Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                                 | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Gasoline Range Organics-NWTPH   | 1.99         | J         | 1.08      | 3.18      | 25       | 04/14/2024 22:15 | <a href="#">WG2266880</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 98.6         |           |           | 77.0-120  |          | 04/14/2024 22:15 | <a href="#">WG2266880</a> |

3  
Ss4  
Cn5  
Ds

## Volatile Organic Compounds (GC/MS) by Method 8260D

| Analyte                   | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                           | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Benzene                   | 0.0199       |           | 0.000594  | 0.00127   | 1        | 04/14/2024 17:50 | <a href="#">WG2266897</a> |
| Toluene                   | 0.0671       |           | 0.00165   | 0.00636   | 1        | 04/14/2024 17:50 | <a href="#">WG2266897</a> |
| Ethylbenzene              | 0.0242       |           | 0.000938  | 0.00318   | 1        | 04/14/2024 17:50 | <a href="#">WG2266897</a> |
| Xylenes, Total            | 0.0858       |           | 0.00112   | 0.00827   | 1        | 04/14/2024 17:50 | <a href="#">WG2266897</a> |
| (S) Toluene-d8            | 109          |           |           | 75.0-131  |          | 04/14/2024 17:50 | <a href="#">WG2266897</a> |
| (S) 4-Bromofluorobenzene  | 101          |           |           | 67.0-138  |          | 04/14/2024 17:50 | <a href="#">WG2266897</a> |
| (S) 1,2-Dichloroethane-d4 | 84.4         |           |           | 70.0-130  |          | 04/14/2024 17:50 | <a href="#">WG2266897</a> |

6  
Sr7  
Qc8  
Gl9  
Al

## Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

| Analyte                       | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|-------------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                               | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Diesel Range Organics (DRO)   | U            |           | 1.50      | 4.50      | 1        | 04/15/2024 02:45 | <a href="#">WG2266739</a> |
| Residual Range Organics (RRO) | U            |           | 3.75      | 11.3      | 1        | 04/15/2024 02:45 | <a href="#">WG2266739</a> |
| (S) o-Terphenyl               | 31.4         |           |           | 18.0-148  |          | 04/15/2024 02:45 | <a href="#">WG2266739</a> |

10  
Sc

## Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis         | Batch                     |
|--------------|--------|-----------|----------|------------------|---------------------------|
|              | %      |           |          | date / time      |                           |
| Total Solids | 69.4   |           | 1        | 04/15/2024 11:17 | <a href="#">WG2267250</a> |

## Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result (dry) | Qualifier           | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------------|--------------|---------------------|-----------|-----------|----------|------------------|---------------------------|
|                                 | mg/kg        |                     | mg/kg     | mg/kg     |          | date / time      |                           |
| Gasoline Range Organics-NWTPH   | 1.71         | <a href="#">B J</a> | 1.61      | 4.74      | 25       | 04/14/2024 14:04 | <a href="#">WG2266892</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 91.5         |                     |           | 77.0-120  |          | 04/14/2024 14:04 | <a href="#">WG2266892</a> |

## Volatile Organic Compounds (GC/MS) by Method 8260D

| Analyte                   | Result (dry) | Qualifier         | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------|--------------|-------------------|-----------|-----------|----------|------------------|---------------------------|
|                           | mg/kg        |                   | mg/kg     | mg/kg     |          | date / time      |                           |
| Benzene                   | U            |                   | 0.000886  | 0.00190   | 1        | 04/14/2024 18:11 | <a href="#">WG2266897</a> |
| Toluene                   | U            |                   | 0.00247   | 0.00949   | 1        | 04/14/2024 18:11 | <a href="#">WG2266897</a> |
| Ethylbenzene              | U            |                   | 0.00140   | 0.00474   | 1        | 04/14/2024 18:11 | <a href="#">WG2266897</a> |
| Xylenes, Total            | 0.00326      | <a href="#">J</a> | 0.00167   | 0.0123    | 1        | 04/14/2024 18:11 | <a href="#">WG2266897</a> |
| (S) Toluene-d8            | 111          |                   |           | 75.0-131  |          | 04/14/2024 18:11 | <a href="#">WG2266897</a> |
| (S) 4-Bromofluorobenzene  | 101          |                   |           | 67.0-138  |          | 04/14/2024 18:11 | <a href="#">WG2266897</a> |
| (S) 1,2-Dichloroethane-d4 | 81.7         |                   |           | 70.0-130  |          | 04/14/2024 18:11 | <a href="#">WG2266897</a> |

## Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

| Analyte                       | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|-------------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                               | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Diesel Range Organics (DRO)   | U            |           | 1.92      | 5.77      | 1        | 04/15/2024 02:58 | <a href="#">WG2266739</a> |
| Residual Range Organics (RRO) | U            |           | 4.80      | 14.4      | 1        | 04/15/2024 02:58 | <a href="#">WG2266739</a> |
| (S) o-Terphenyl               | 20.9         |           |           | 18.0-148  |          | 04/15/2024 02:58 | <a href="#">WG2266739</a> |

1 Cp

2 Tc

3 Ss

4 Cn

5 Ds

6 Sr

7 Qc

8 Gl

9 Al

10 Sc

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis         | Batch                     |
|--------------|--------|-----------|----------|------------------|---------------------------|
|              | %      |           |          | date / time      |                           |
| Total Solids | 70.3   |           | 1        | 04/15/2024 11:17 | <a href="#">WG2267250</a> |

<sup>1</sup>Cp

<sup>2</sup>Tc

Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result (dry) | Qualifier           | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------------|--------------|---------------------|-----------|-----------|----------|------------------|---------------------------|
|                                 | mg/kg        |                     | mg/kg     | mg/kg     |          | date / time      |                           |
| Gasoline Range Organics-NWTPH   | 2.83         | <a href="#">B J</a> | 1.63      | 4.82      | 25       | 04/18/2024 01:51 | <a href="#">WG2269343</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 89.9         |                     |           | 77.0-120  |          | 04/18/2024 01:51 | <a href="#">WG2269343</a> |

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Ds

Volatile Organic Compounds (GC/MS) by Method 8260D

| Analyte                   | Result (dry) | Qualifier          | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------|--------------|--------------------|-----------|-----------|----------|------------------|---------------------------|
|                           | mg/kg        |                    | mg/kg     | mg/kg     |          | date / time      |                           |
| Benzene                   | U            |                    | 0.000900  | 0.00193   | 1        | 04/17/2024 20:40 | <a href="#">WG2269286</a> |
| Toluene                   | U            |                    | 0.00250   | 0.00963   | 1        | 04/17/2024 20:40 | <a href="#">WG2269286</a> |
| Ethylbenzene              | U            |                    | 0.00142   | 0.00482   | 1        | 04/17/2024 20:40 | <a href="#">WG2269286</a> |
| Xylenes, Total            | 0.00295      | <a href="#">J</a>  | 0.00170   | 0.0125    | 1        | 04/17/2024 20:40 | <a href="#">WG2269286</a> |
| (S) Toluene-d8            | 108          |                    |           | 75.0-131  |          | 04/17/2024 20:40 | <a href="#">WG2269286</a> |
| (S) 4-Bromofluorobenzene  | 92.1         |                    |           | 67.0-138  |          | 04/17/2024 20:40 | <a href="#">WG2269286</a> |
| (S) 1,2-Dichloroethane-d4 | 69.7         | <a href="#">J2</a> |           | 70.0-130  |          | 04/17/2024 20:40 | <a href="#">WG2269286</a> |

<sup>6</sup>Sr

<sup>7</sup>Qc

<sup>8</sup>Gl

<sup>9</sup>Al

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

| Analyte                       | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|-------------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                               | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Diesel Range Organics (DRO)   | U            |           | 1.89      | 5.69      | 1        | 04/19/2024 15:24 | <a href="#">WG2270659</a> |
| Residual Range Organics (RRO) | U            |           | 4.73      | 14.2      | 1        | 04/19/2024 15:24 | <a href="#">WG2270659</a> |
| (S) o-Terphenyl               | 26.6         |           |           | 18.0-148  |          | 04/19/2024 15:24 | <a href="#">WG2270659</a> |

<sup>10</sup>Sc

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis         | Batch                     |
|--------------|--------|-----------|----------|------------------|---------------------------|
|              | %      |           |          | date / time      |                           |
| Total Solids | 72.0   |           | 1        | 04/15/2024 11:17 | <a href="#">WG2267250</a> |

1  
Cp

2  
Tc

Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result (dry) | Qualifier         | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------------|--------------|-------------------|-----------|-----------|----------|------------------|---------------------------|
|                                 | mg/kg        |                   | mg/kg     | mg/kg     |          | date / time      |                           |
| Gasoline Range Organics-NWTPH   | 6.34         | <a href="#">B</a> | 1.55      | 4.56      | 25       | 04/14/2024 14:27 | <a href="#">WG2266892</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 91.6         |                   |           | 77.0-120  |          | 04/14/2024 14:27 | <a href="#">WG2266892</a> |

3  
Ss

4  
Cn

5  
Ds

Volatile Organic Compounds (GC/MS) by Method 8260D

| Analyte                   | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                           | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Benzene                   | 1.33         |           | 0.000853  | 0.00183   | 1        | 04/14/2024 18:31 | <a href="#">WG2266897</a> |
| Toluene                   | 0.0588       |           | 0.00237   | 0.00913   | 1        | 04/14/2024 18:31 | <a href="#">WG2266897</a> |
| Ethylbenzene              | 0.0694       |           | 0.00135   | 0.00456   | 1        | 04/14/2024 18:31 | <a href="#">WG2266897</a> |
| Xylenes, Total            | 0.0177       |           | 0.00161   | 0.0119    | 1        | 04/14/2024 18:31 | <a href="#">WG2266897</a> |
| (S) Toluene-d8            | 110          |           |           | 75.0-131  |          | 04/14/2024 18:31 | <a href="#">WG2266897</a> |
| (S) 4-Bromofluorobenzene  | 99.7         |           |           | 67.0-138  |          | 04/14/2024 18:31 | <a href="#">WG2266897</a> |
| (S) 1,2-Dichloroethane-d4 | 83.8         |           |           | 70.0-130  |          | 04/14/2024 18:31 | <a href="#">WG2266897</a> |

6  
Sr

7  
Qc

8  
Gl

9  
Al

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

| Analyte                       | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|-------------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                               | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Diesel Range Organics (DRO)   | U            |           | 1.85      | 5.56      | 1        | 04/15/2024 03:11 | <a href="#">WG2266739</a> |
| Residual Range Organics (RRO) | U            |           | 4.63      | 13.9      | 1        | 04/15/2024 03:11 | <a href="#">WG2266739</a> |
| (S) o-Terphenyl               | 18.9         |           |           | 18.0-148  |          | 04/15/2024 03:11 | <a href="#">WG2266739</a> |

10  
Sc

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis         | Batch                     |
|--------------|--------|-----------|----------|------------------|---------------------------|
|              | %      |           |          | date / time      |                           |
| Total Solids | 67.5   |           | 1        | 04/15/2024 11:17 | <a href="#">WG2267250</a> |

1  
Cp

2  
Tc

Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result (dry) | Qualifier           | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------------|--------------|---------------------|-----------|-----------|----------|------------------|---------------------------|
|                                 | mg/kg        |                     | mg/kg     | mg/kg     |          | date / time      |                           |
| Gasoline Range Organics-NWTPH   | 1.70         | <a href="#">B J</a> | 1.68      | 4.96      | 25       | 04/14/2024 14:50 | <a href="#">WG2266892</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 92.9         |                     |           | 77.0-120  |          | 04/14/2024 14:50 | <a href="#">WG2266892</a> |

3  
Ss

4  
Cn

5  
Ds

Volatile Organic Compounds (GC/MS) by Method 8260D

| Analyte                   | Result (dry) | Qualifier         | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------|--------------|-------------------|-----------|-----------|----------|------------------|---------------------------|
|                           | mg/kg        |                   | mg/kg     | mg/kg     |          | date / time      |                           |
| Benzene                   | 0.00843      |                   | 0.000926  | 0.00198   | 1        | 04/14/2024 18:51 | <a href="#">WG2266897</a> |
| Toluene                   | 0.00575      | <a href="#">J</a> | 0.00258   | 0.00992   | 1        | 04/14/2024 18:51 | <a href="#">WG2266897</a> |
| Ethylbenzene              | 0.00323      | <a href="#">J</a> | 0.00146   | 0.00496   | 1        | 04/14/2024 18:51 | <a href="#">WG2266897</a> |
| Xylenes, Total            | 0.00401      | <a href="#">J</a> | 0.00175   | 0.0129    | 1        | 04/14/2024 18:51 | <a href="#">WG2266897</a> |
| (S) Toluene-d8            | 109          |                   |           | 75.0-131  |          | 04/14/2024 18:51 | <a href="#">WG2266897</a> |
| (S) 4-Bromofluorobenzene  | 98.8         |                   |           | 67.0-138  |          | 04/14/2024 18:51 | <a href="#">WG2266897</a> |
| (S) 1,2-Dichloroethane-d4 | 80.7         |                   |           | 70.0-130  |          | 04/14/2024 18:51 | <a href="#">WG2266897</a> |

6  
Sr

7  
Qc

8  
Gl

9  
Al

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

| Analyte                       | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|-------------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                               | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Diesel Range Organics (DRO)   | U            |           | 1.97      | 5.92      | 1        | 04/15/2024 14:36 | <a href="#">WG2266739</a> |
| Residual Range Organics (RRO) | U            |           | 4.93      | 14.8      | 1        | 04/15/2024 14:36 | <a href="#">WG2266739</a> |
| (S) o-Terphenyl               | 29.8         |           |           | 18.0-148  |          | 04/15/2024 14:36 | <a href="#">WG2266739</a> |

10  
Sc

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis date / time | Batch                     |
|--------------|--------|-----------|----------|----------------------|---------------------------|
| Total Solids | 69.9   |           | 1        | 04/15/2024 11:17     | <a href="#">WG2267250</a> |

1  
Cp

2  
Tc

Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result (dry)<br>mg/kg | Qualifier | MDL (dry)<br>mg/kg | RDL (dry)<br>mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------------|-----------------------|-----------|--------------------|--------------------|----------|----------------------|---------------------------|
| Gasoline Range Organics-NWTPH   | 12.3                  | B         | 1.60               | 4.71               | 25       | 04/14/2024 15:13     | <a href="#">WG2266892</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 91.5                  |           |                    | 77.0-120           |          | 04/14/2024 15:13     | <a href="#">WG2266892</a> |

3  
Ss

4  
Cn

5  
Ds

Volatile Organic Compounds (GC/MS) by Method 8260D

| Analyte                   | Result (dry)<br>mg/kg | Qualifier | MDL (dry)<br>mg/kg | RDL (dry)<br>mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------|-----------------------|-----------|--------------------|--------------------|----------|----------------------|---------------------------|
| Benzene                   | 0.168                 |           | 0.000880           | 0.00189            | 1        | 04/14/2024 19:11     | <a href="#">WG2266897</a> |
| Toluene                   | 0.271                 |           | 0.00245            | 0.00943            | 1        | 04/14/2024 19:11     | <a href="#">WG2266897</a> |
| Ethylbenzene              | 0.341                 |           | 0.00139            | 0.00471            | 1        | 04/14/2024 19:11     | <a href="#">WG2266897</a> |
| Xylenes, Total            | 0.481                 |           | 0.00166            | 0.0123             | 1        | 04/14/2024 19:11     | <a href="#">WG2266897</a> |
| (S) Toluene-d8            | 115                   |           |                    | 75.0-131           |          | 04/14/2024 19:11     | <a href="#">WG2266897</a> |
| (S) 4-Bromofluorobenzene  | 106                   |           |                    | 67.0-138           |          | 04/14/2024 19:11     | <a href="#">WG2266897</a> |
| (S) 1,2-Dichloroethane-d4 | 85.8                  |           |                    | 70.0-130           |          | 04/14/2024 19:11     | <a href="#">WG2266897</a> |

6  
Sr

7  
Qc

8  
Gl

9  
Al

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

| Analyte                       | Result (dry)<br>mg/kg | Qualifier | MDL (dry)<br>mg/kg | RDL (dry)<br>mg/kg | Dilution | Analysis date / time | Batch                     |
|-------------------------------|-----------------------|-----------|--------------------|--------------------|----------|----------------------|---------------------------|
| Diesel Range Organics (DRO)   | U                     |           | 1.90               | 5.72               | 1        | 04/15/2024 03:38     | <a href="#">WG2266739</a> |
| Residual Range Organics (RRO) | U                     |           | 4.76               | 14.3               | 1        | 04/15/2024 03:38     | <a href="#">WG2266739</a> |
| (S) o-Terphenyl               | 28.3                  |           |                    | 18.0-148           |          | 04/15/2024 03:38     | <a href="#">WG2266739</a> |

10  
Sc

## Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis         | Batch                     |
|--------------|--------|-----------|----------|------------------|---------------------------|
|              | %      |           |          | date / time      |                           |
| Total Solids | 66.3   |           | 1        | 04/15/2024 11:17 | <a href="#">WG2267250</a> |

## Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result (dry) | Qualifier           | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------------|--------------|---------------------|-----------|-----------|----------|------------------|---------------------------|
|                                 | mg/kg        |                     | mg/kg     | mg/kg     |          | date / time      |                           |
| Gasoline Range Organics-NWTPH   | 1.93         | <a href="#">B J</a> | 1.76      | 5.20      | 25       | 04/14/2024 15:36 | <a href="#">WG2266892</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 93.5         |                     |           | 77.0-120  |          | 04/14/2024 15:36 | <a href="#">WG2266892</a> |

## Volatile Organic Compounds (GC/MS) by Method 8260D

| Analyte                   | Result (dry) | Qualifier         | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------|--------------|-------------------|-----------|-----------|----------|------------------|---------------------------|
|                           | mg/kg        |                   | mg/kg     | mg/kg     |          | date / time      |                           |
| Benzene                   | U            |                   | 0.000972  | 0.00208   | 1        | 04/14/2024 19:31 | <a href="#">WG2266897</a> |
| Toluene                   | U            |                   | 0.00270   | 0.0104    | 1        | 04/14/2024 19:31 | <a href="#">WG2266897</a> |
| Ethylbenzene              | 0.00241      | <a href="#">J</a> | 0.00153   | 0.00520   | 1        | 04/14/2024 19:31 | <a href="#">WG2266897</a> |
| Xylenes, Total            | U            |                   | 0.00183   | 0.0135    | 1        | 04/14/2024 19:31 | <a href="#">WG2266897</a> |
| (S) Toluene-d8            | 111          |                   |           | 75.0-131  |          | 04/14/2024 19:31 | <a href="#">WG2266897</a> |
| (S) 4-Bromofluorobenzene  | 99.7         |                   |           | 67.0-138  |          | 04/14/2024 19:31 | <a href="#">WG2266897</a> |
| (S) 1,2-Dichloroethane-d4 | 83.8         |                   |           | 70.0-130  |          | 04/14/2024 19:31 | <a href="#">WG2266897</a> |

## Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

| Analyte                       | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|-------------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                               | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Diesel Range Organics (DRO)   | U            |           | 2.01      | 6.03      | 1        | 04/15/2024 03:51 | <a href="#">WG2266739</a> |
| Residual Range Organics (RRO) | U            |           | 5.02      | 15.1      | 1        | 04/15/2024 03:51 | <a href="#">WG2266739</a> |
| (S) o-Terphenyl               | 22.7         |           |           | 18.0-148  |          | 04/15/2024 03:51 | <a href="#">WG2266739</a> |

1 Cp

2 Tc

3 Ss

4 Cn

5 Ds

6 Sr

7 Qc

8 Gl

9 Al

10 Sc

## Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis         | Batch                     |
|--------------|--------|-----------|----------|------------------|---------------------------|
|              | %      |           |          | date / time      |                           |
| Total Solids | 75.2   |           | 1        | 04/15/2024 11:17 | <a href="#">WG2267250</a> |

## Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                                 | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Gasoline Range Organics-NWTPH   | U            |           | 1.47      | 4.33      | 25       | 04/14/2024 15:59 | <a href="#">WG2266892</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 93.5         |           |           | 77.0-120  |          | 04/14/2024 15:59 | <a href="#">WG2266892</a> |

## Volatile Organic Compounds (GC/MS) by Method 8260D

| Analyte                   | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                           | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Benzene                   | 0.000818     | J         | 0.000809  | 0.00173   | 1        | 04/14/2024 13:11 | <a href="#">WG2266903</a> |
| Toluene                   | U            |           | 0.00225   | 0.00866   | 1        | 04/14/2024 13:11 | <a href="#">WG2266903</a> |
| Ethylbenzene              | U            |           | 0.00128   | 0.00433   | 1        | 04/14/2024 13:11 | <a href="#">WG2266903</a> |
| Xylenes, Total            | U            |           | 0.00152   | 0.0113    | 1        | 04/14/2024 13:11 | <a href="#">WG2266903</a> |
| (S) Toluene-d8            | 107          |           |           | 75.0-131  |          | 04/14/2024 13:11 | <a href="#">WG2266903</a> |
| (S) 4-Bromofluorobenzene  | 90.3         |           |           | 67.0-138  |          | 04/14/2024 13:11 | <a href="#">WG2266903</a> |
| (S) 1,2-Dichloroethane-d4 | 95.6         |           |           | 70.0-130  |          | 04/14/2024 13:11 | <a href="#">WG2266903</a> |

## Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

| Analyte                       | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|-------------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                               | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Diesel Range Organics (DRO)   | U            |           | 1.77      | 5.32      | 1        | 04/14/2024 17:50 | <a href="#">WG2266750</a> |
| Residual Range Organics (RRO) | U            |           | 4.43      | 13.3      | 1        | 04/14/2024 17:50 | <a href="#">WG2266750</a> |
| (S) o-Terphenyl               | 30.1         |           |           | 18.0-148  |          | 04/14/2024 17:50 | <a href="#">WG2266750</a> |

1 Cp

2 Tc

3 Ss

4 Cn

5 Ds

6 Sr

7 Qc

8 Gl

9 Al

10 Sc

## Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis date / time | Batch                     |
|--------------|--------|-----------|----------|----------------------|---------------------------|
| Total Solids | 73.4   |           | 1        | 04/15/2024 11:17     | <a href="#">WG2267250</a> |

1  
Cp2  
Tc

## Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result (dry)<br>mg/kg | Qualifier | MDL (dry)<br>mg/kg | RDL (dry)<br>mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------------|-----------------------|-----------|--------------------|--------------------|----------|----------------------|---------------------------|
| Gasoline Range Organics-NWTPH   | U                     |           | 1.54               | 4.53               | 25       | 04/14/2024 16:21     | <a href="#">WG2266892</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 93.0                  |           |                    | 77.0-120           |          | 04/14/2024 16:21     | <a href="#">WG2266892</a> |

3  
Ss4  
Cn5  
Ds

## Volatile Organic Compounds (GC/MS) by Method 8260D

| Analyte                   | Result (dry)<br>mg/kg | Qualifier | MDL (dry)<br>mg/kg | RDL (dry)<br>mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------|-----------------------|-----------|--------------------|--------------------|----------|----------------------|---------------------------|
| Benzene                   | U                     |           | 0.000846           | 0.00181            | 1        | 04/14/2024 13:30     | <a href="#">WG2266903</a> |
| Toluene                   | U                     |           | 0.00236            | 0.00906            | 1        | 04/14/2024 13:30     | <a href="#">WG2266903</a> |
| Ethylbenzene              | U                     |           | 0.00134            | 0.00453            | 1        | 04/14/2024 13:30     | <a href="#">WG2266903</a> |
| Xylenes, Total            | U                     |           | 0.00159            | 0.0118             | 1        | 04/14/2024 13:30     | <a href="#">WG2266903</a> |
| (S) Toluene-d8            | 101                   |           |                    | 75.0-131           |          | 04/14/2024 13:30     | <a href="#">WG2266903</a> |
| (S) 4-Bromofluorobenzene  | 92.6                  |           |                    | 67.0-138           |          | 04/14/2024 13:30     | <a href="#">WG2266903</a> |
| (S) 1,2-Dichloroethane-d4 | 92.9                  |           |                    | 70.0-130           |          | 04/14/2024 13:30     | <a href="#">WG2266903</a> |

6  
Sr7  
Qc8  
Gl9  
Al

## Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

| Analyte                       | Result (dry)<br>mg/kg | Qualifier | MDL (dry)<br>mg/kg | RDL (dry)<br>mg/kg | Dilution | Analysis date / time | Batch                     |
|-------------------------------|-----------------------|-----------|--------------------|--------------------|----------|----------------------|---------------------------|
| Diesel Range Organics (DRO)   | U                     |           | 1.81               | 5.45               | 1        | 04/14/2024 18:29     | <a href="#">WG2266750</a> |
| Residual Range Organics (RRO) | U                     |           | 4.54               | 13.6               | 1        | 04/14/2024 18:29     | <a href="#">WG2266750</a> |
| (S) o-Terphenyl               | 32.4                  |           |                    | 18.0-148           |          | 04/14/2024 18:29     | <a href="#">WG2266750</a> |

10  
Sc

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis date / time | Batch                     |
|--------------|--------|-----------|----------|----------------------|---------------------------|
| Total Solids | 70.7   |           | 1        | 04/15/2024 11:07     | <a href="#">WG2267251</a> |

<sup>1</sup>Cp

<sup>2</sup>Tc

Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result (dry) mg/kg | Qualifier         | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------------|--------------------|-------------------|-----------------|-----------------|----------|----------------------|---------------------------|
| Gasoline Range Organics-NWTPH   | 16.2               | <a href="#">B</a> | 1.63            | 4.81            | 25       | 04/14/2024 18:54     | <a href="#">WG2266892</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 91.6               |                   |                 | 77.0-120        |          | 04/14/2024 18:54     | <a href="#">WG2266892</a> |

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Ds

Volatile Organic Compounds (GC/MS) by Method 8260D

| Analyte                   | Result (dry) mg/kg | Qualifier         | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------|--------------------|-------------------|-----------------|-----------------|----------|----------------------|---------------------------|
| Benzene                   | 0.676              |                   | 0.000899        | 0.00193         | 1        | 04/14/2024 13:50     | <a href="#">WG2266903</a> |
| Toluene                   | 0.00714            | <a href="#">J</a> | 0.00250         | 0.00963         | 1        | 04/14/2024 13:50     | <a href="#">WG2266903</a> |
| Ethylbenzene              | 1.13               |                   | 0.00142         | 0.00481         | 1        | 04/14/2024 13:50     | <a href="#">WG2266903</a> |
| Xylenes, Total            | 0.0377             |                   | 0.00169         | 0.0125          | 1        | 04/14/2024 13:50     | <a href="#">WG2266903</a> |
| (S) Toluene-d8            | 99.7               |                   |                 | 75.0-131        |          | 04/14/2024 13:50     | <a href="#">WG2266903</a> |
| (S) 4-Bromofluorobenzene  | 93.0               |                   |                 | 67.0-138        |          | 04/14/2024 13:50     | <a href="#">WG2266903</a> |
| (S) 1,2-Dichloroethane-d4 | 93.6               |                   |                 | 70.0-130        |          | 04/14/2024 13:50     | <a href="#">WG2266903</a> |

<sup>6</sup>Sr

<sup>7</sup>Qc

<sup>8</sup>Gl

<sup>9</sup>Al

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

| Analyte                       | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|-------------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Diesel Range Organics (DRO)   | 6.04               |           | 1.88            | 5.66            | 1        | 04/14/2024 18:42     | <a href="#">WG2266750</a> |
| Residual Range Organics (RRO) | U                  |           | 4.71            | 14.1            | 1        | 04/14/2024 18:42     | <a href="#">WG2266750</a> |
| (S) o-Terphenyl               | 40.9               |           |                 | 18.0-148        |          | 04/14/2024 18:42     | <a href="#">WG2266750</a> |

<sup>10</sup>Sc

Sample Narrative:

L1725709-32 WG2266750: Sample resembles laboratory standard for Diesel.

## Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis         | Batch                     |
|--------------|--------|-----------|----------|------------------|---------------------------|
|              | %      |           |          | date / time      |                           |
| Total Solids | 69.4   |           | 1        | 04/15/2024 11:07 | <a href="#">WG2267251</a> |

## Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result (dry) | Qualifier         | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------------|--------------|-------------------|-----------|-----------|----------|------------------|---------------------------|
|                                 | mg/kg        |                   | mg/kg     | mg/kg     |          | date / time      |                           |
| Gasoline Range Organics-NWTPH   | 11.1         | <a href="#">B</a> | 1.67      | 4.93      | 25       | 04/14/2024 19:17 | <a href="#">WG2266892</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 92.8         |                   |           | 77.0-120  |          | 04/14/2024 19:17 | <a href="#">WG2266892</a> |

## Volatile Organic Compounds (GC/MS) by Method 8260D

| Analyte                   | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|---------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                           | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Benzene                   | 0.647        |           | 0.000921  | 0.00197   | 1        | 04/14/2024 14:10 | <a href="#">WG2266903</a> |
| Toluene                   | 0.0201       |           | 0.00256   | 0.00986   | 1        | 04/14/2024 14:10 | <a href="#">WG2266903</a> |
| Ethylbenzene              | 0.621        |           | 0.00145   | 0.00493   | 1        | 04/14/2024 14:10 | <a href="#">WG2266903</a> |
| Xylenes, Total            | 0.0903       |           | 0.00174   | 0.0128    | 1        | 04/14/2024 14:10 | <a href="#">WG2266903</a> |
| (S) Toluene-d8            | 105          |           |           | 75.0-131  |          | 04/14/2024 14:10 | <a href="#">WG2266903</a> |
| (S) 4-Bromofluorobenzene  | 97.8         |           |           | 67.0-138  |          | 04/14/2024 14:10 | <a href="#">WG2266903</a> |
| (S) 1,2-Dichloroethane-d4 | 92.8         |           |           | 70.0-130  |          | 04/14/2024 14:10 | <a href="#">WG2266903</a> |

## Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

| Analyte                       | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis         | Batch                     |
|-------------------------------|--------------|-----------|-----------|-----------|----------|------------------|---------------------------|
|                               | mg/kg        |           | mg/kg     | mg/kg     |          | date / time      |                           |
| Diesel Range Organics (DRO)   | U            |           | 1.92      | 5.76      | 1        | 04/14/2024 18:55 | <a href="#">WG2266750</a> |
| Residual Range Organics (RRO) | U            |           | 4.80      | 14.4      | 1        | 04/14/2024 18:55 | <a href="#">WG2266750</a> |
| (S) o-Terphenyl               | 28.2         |           |           | 18.0-148  |          | 04/14/2024 18:55 | <a href="#">WG2266750</a> |

1 Cp

2 Tc

3 Ss

4 Cn

5 Ds

6 Sr

7 Qc

8 Gl

9 Al

10 Sc

Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result (dry)<br>mg/kg | Qualifier | MDL (dry)<br>mg/kg | RDL (dry)<br>mg/kg | Dilution | Analysis<br>date / time | Batch     |
|---------------------------------|-----------------------|-----------|--------------------|--------------------|----------|-------------------------|-----------|
| Gasoline Range Organics-NWTPH   | 1.97                  | B J       | 1.70               | 5.02               | 26.3     | 04/22/2024 20:04        | WG2272051 |
| (S) a,a,a-Trifluorotoluene(FID) | 107                   |           |                    | 77.0-120           |          | 04/22/2024 20:04        | WG2272051 |

Volatile Organic Compounds (GC/MS) by Method 8260D

| Analyte                   | Result (dry)<br>mg/kg | Qualifier | MDL (dry)<br>mg/kg | RDL (dry)<br>mg/kg | Dilution | Analysis<br>date / time | Batch     |
|---------------------------|-----------------------|-----------|--------------------|--------------------|----------|-------------------------|-----------|
| Benzene                   | 0.00296               |           | 0.000935           | 0.00200            | 1.05     | 04/23/2024 02:47        | WG2272071 |
| Toluene                   | 0.00366               | J         | 0.00260            | 0.0100             | 1.05     | 04/23/2024 02:47        | WG2272071 |
| Ethylbenzene              | 0.00175               | J         | 0.00148            | 0.00502            | 1.05     | 04/23/2024 02:47        | WG2272071 |
| Xylenes, Total            | 0.00301               | J         | 0.00176            | 0.0130             | 1.05     | 04/23/2024 02:47        | WG2272071 |
| (S) Toluene-d8            | 110                   |           |                    | 75.0-131           |          | 04/23/2024 02:47        | WG2272071 |
| (S) 4-Bromofluorobenzene  | 99.2                  |           |                    | 67.0-138           |          | 04/23/2024 02:47        | WG2272071 |
| (S) 1,2-Dichloroethane-d4 | 100                   |           |                    | 70.0-130           |          | 04/23/2024 02:47        | WG2272071 |

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

| Analyte                       | Result (dry)<br>mg/kg | Qualifier | MDL (dry)<br>mg/kg | RDL (dry)<br>mg/kg | Dilution | Analysis<br>date / time | Batch     |
|-------------------------------|-----------------------|-----------|--------------------|--------------------|----------|-------------------------|-----------|
| Diesel Range Organics (DRO)   | U                     |           | 1.95               | 5.86               | 1        | 04/24/2024 08:39        | WG2272144 |
| Residual Range Organics (RRO) | U                     |           | 4.88               | 14.7               | 1        | 04/24/2024 08:39        | WG2272144 |
| (S) o-Terphenyl               | 29.1                  |           |                    | 18.0-148           |          | 04/24/2024 08:39        | WG2272144 |

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

## Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis date / time | Batch                     |
|--------------|--------|-----------|----------|----------------------|---------------------------|
| Total Solids | 67.1   |           | 1        | 04/15/2024 11:07     | <a href="#">WG2267251</a> |

## Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result (dry) | Qualifier           | MDL (dry) | RDL (dry) | Dilution | Analysis date / time | Batch                     |
|---------------------------------|--------------|---------------------|-----------|-----------|----------|----------------------|---------------------------|
| Gasoline Range Organics-NWTPH   | 1.82         | <a href="#">B J</a> | 1.72      | 5.08      | 25       | 04/14/2024 19:39     | <a href="#">WG2266892</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 95.0         |                     |           | 77.0-120  |          | 04/14/2024 19:39     | <a href="#">WG2266892</a> |

## Volatile Organic Compounds (GC/MS) by Method 8260D

| Analyte                   | Result (dry) | Qualifier         | MDL (dry) | RDL (dry) | Dilution | Analysis date / time | Batch                     |
|---------------------------|--------------|-------------------|-----------|-----------|----------|----------------------|---------------------------|
| Benzene                   | 0.00429      |                   | 0.000949  | 0.00203   | 1        | 04/14/2024 14:30     | <a href="#">WG2266903</a> |
| Toluene                   | U            |                   | 0.00264   | 0.0102    | 1        | 04/14/2024 14:30     | <a href="#">WG2266903</a> |
| Ethylbenzene              | 0.00178      | <a href="#">J</a> | 0.00150   | 0.00508   | 1        | 04/14/2024 14:30     | <a href="#">WG2266903</a> |
| Xylenes, Total            | 0.00284      | <a href="#">J</a> | 0.00179   | 0.0132    | 1        | 04/14/2024 14:30     | <a href="#">WG2266903</a> |
| (S) Toluene-d8            | 103          |                   |           | 75.0-131  |          | 04/14/2024 14:30     | <a href="#">WG2266903</a> |
| (S) 4-Bromofluorobenzene  | 94.6         |                   |           | 67.0-138  |          | 04/14/2024 14:30     | <a href="#">WG2266903</a> |
| (S) 1,2-Dichloroethane-d4 | 90.8         |                   |           | 70.0-130  |          | 04/14/2024 14:30     | <a href="#">WG2266903</a> |

## Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

| Analyte                       | Result (dry) | Qualifier | MDL (dry) | RDL (dry) | Dilution | Analysis date / time | Batch                     |
|-------------------------------|--------------|-----------|-----------|-----------|----------|----------------------|---------------------------|
| Diesel Range Organics (DRO)   | U            |           | 1.98      | 5.96      | 1        | 04/14/2024 19:08     | <a href="#">WG2266750</a> |
| Residual Range Organics (RRO) | U            |           | 4.96      | 14.9      | 1        | 04/14/2024 19:08     | <a href="#">WG2266750</a> |
| (S) o-Terphenyl               | 37.1         |           |           | 18.0-148  |          | 04/14/2024 19:08     | <a href="#">WG2266750</a> |

1 Cp

2 Tc

3 Ss

4 Cn

5 Ds

6 Sr

7 Qc

8 Gl

9 Al

10 Sc

## Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis date / time | Batch                     |
|--------------|--------|-----------|----------|----------------------|---------------------------|
| Total Solids | 66.7   |           | 1        | 04/15/2024 11:07     | <a href="#">WG2267251</a> |

1  
Cp2  
Tc

## Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result (dry)<br>mg/kg | Qualifier           | MDL (dry)<br>mg/kg | RDL (dry)<br>mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------------|-----------------------|---------------------|--------------------|--------------------|----------|----------------------|---------------------------|
| Gasoline Range Organics-NWTPH   | 2.20                  | <a href="#">B J</a> | 1.75               | 5.15               | 25       | 04/14/2024 20:02     | <a href="#">WG2266892</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 91.0                  |                     |                    | 77.0-120           |          | 04/14/2024 20:02     | <a href="#">WG2266892</a> |

3  
Ss4  
Cn5  
Ds

## Volatile Organic Compounds (GC/MS) by Method 8260D

| Analyte                   | Result (dry)<br>mg/kg | Qualifier         | MDL (dry)<br>mg/kg | RDL (dry)<br>mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------|-----------------------|-------------------|--------------------|--------------------|----------|----------------------|---------------------------|
| Benzene                   | 0.00124               | <a href="#">J</a> | 0.000962           | 0.00206            | 1        | 04/14/2024 14:49     | <a href="#">WG2266903</a> |
| Toluene                   | U                     |                   | 0.00268            | 0.0103             | 1        | 04/14/2024 14:49     | <a href="#">WG2266903</a> |
| Ethylbenzene              | U                     |                   | 0.00152            | 0.00515            | 1        | 04/14/2024 14:49     | <a href="#">WG2266903</a> |
| Xylenes, Total            | U                     |                   | 0.00181            | 0.0134             | 1        | 04/14/2024 14:49     | <a href="#">WG2266903</a> |
| (S) Toluene-d8            | 103                   |                   |                    | 75.0-131           |          | 04/14/2024 14:49     | <a href="#">WG2266903</a> |
| (S) 4-Bromofluorobenzene  | 94.9                  |                   |                    | 67.0-138           |          | 04/14/2024 14:49     | <a href="#">WG2266903</a> |
| (S) 1,2-Dichloroethane-d4 | 91.3                  |                   |                    | 70.0-130           |          | 04/14/2024 14:49     | <a href="#">WG2266903</a> |

6  
Sr7  
Qc8  
Gl9  
Al

## Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

| Analyte                       | Result (dry)<br>mg/kg | Qualifier | MDL (dry)<br>mg/kg | RDL (dry)<br>mg/kg | Dilution | Analysis date / time | Batch                     |
|-------------------------------|-----------------------|-----------|--------------------|--------------------|----------|----------------------|---------------------------|
| Diesel Range Organics (DRO)   | U                     |           | 1.99               | 6.00               | 1        | 04/14/2024 20:01     | <a href="#">WG2266750</a> |
| Residual Range Organics (RRO) | U                     |           | 4.99               | 15.0               | 1        | 04/14/2024 20:01     | <a href="#">WG2266750</a> |
| (S) o-Terphenyl               | 40.0                  |           |                    | 18.0-148           |          | 04/14/2024 20:01     | <a href="#">WG2266750</a> |

10  
Sc

## Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis date / time | Batch                     |
|--------------|--------|-----------|----------|----------------------|---------------------------|
| Total Solids | 69.8   |           | 1        | 04/15/2024 11:07     | <a href="#">WG2267251</a> |

## Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result (dry)<br>mg/kg | Qualifier | MDL (dry)<br>mg/kg | RDL (dry)<br>mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------------|-----------------------|-----------|--------------------|--------------------|----------|----------------------|---------------------------|
| Gasoline Range Organics-NWTPH   | 17.6                  |           | 1.73               | 5.10               | 28       | 04/14/2024 20:25     | <a href="#">WG2266892</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 91.1                  |           |                    | 77.0-120           |          | 04/14/2024 20:25     | <a href="#">WG2266892</a> |

## Volatile Organic Compounds (GC/MS) by Method 8260D

| Analyte                   | Result (dry)<br>mg/kg | Qualifier | MDL (dry)<br>mg/kg | RDL (dry)<br>mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------|-----------------------|-----------|--------------------|--------------------|----------|----------------------|---------------------------|
| Benzene                   | 1.04                  |           | 0.000952           | 0.00204            | 1.12     | 04/14/2024 15:08     | <a href="#">WG2266903</a> |
| Toluene                   | 0.202                 |           | 0.00266            | 0.0102             | 1.12     | 04/14/2024 15:08     | <a href="#">WG2266903</a> |
| Ethylbenzene              | 1.31                  |           | 0.00150            | 0.00510            | 1.12     | 04/14/2024 15:08     | <a href="#">WG2266903</a> |
| Xylenes, Total            | 1.71                  |           | 0.00179            | 0.0133             | 1.12     | 04/14/2024 15:08     | <a href="#">WG2266903</a> |
| (S) Toluene-d8            | 102                   |           |                    | 75.0-131           |          | 04/14/2024 15:08     | <a href="#">WG2266903</a> |
| (S) 4-Bromofluorobenzene  | 99.1                  |           |                    | 67.0-138           |          | 04/14/2024 15:08     | <a href="#">WG2266903</a> |
| (S) 1,2-Dichloroethane-d4 | 95.7                  |           |                    | 70.0-130           |          | 04/14/2024 15:08     | <a href="#">WG2266903</a> |

## Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

| Analyte                       | Result (dry)<br>mg/kg | Qualifier | MDL (dry)<br>mg/kg | RDL (dry)<br>mg/kg | Dilution | Analysis date / time | Batch                     |
|-------------------------------|-----------------------|-----------|--------------------|--------------------|----------|----------------------|---------------------------|
| Diesel Range Organics (DRO)   | U                     |           | 1.91               | 5.73               | 1        | 04/14/2024 20:14     | <a href="#">WG2266750</a> |
| Residual Range Organics (RRO) | U                     |           | 4.77               | 14.3               | 1        | 04/14/2024 20:14     | <a href="#">WG2266750</a> |
| (S) o-Terphenyl               | 33.6                  |           |                    | 18.0-148           |          | 04/14/2024 20:14     | <a href="#">WG2266750</a> |

1 Cp

2 Tc

3 Ss

4 Cn

5 Ds

6 Sr

7 Qc

8 Gl

9 Al

10 Sc

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis date / time | Batch                     |
|--------------|--------|-----------|----------|----------------------|---------------------------|
| Total Solids | 74.6   |           | 1        | 04/15/2024 11:07     | <a href="#">WG2267251</a> |

1  
Cp

2  
Tc

Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Gasoline Range Organics-NWTPH   | U                  |           | 1.51            | 4.45            | 25       | 04/14/2024 20:47     | <a href="#">WG2266892</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 93.8               |           |                 | 77.0-120        |          | 04/14/2024 20:47     | <a href="#">WG2266892</a> |

3  
Ss

4  
Cn

5  
Ds

Volatile Organic Compounds (GC/MS) by Method 8260D

| Analyte                   | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Benzene                   | U                  |           | 0.000832        | 0.00178         | 1        | 04/14/2024 15:28     | <a href="#">WG2266903</a> |
| Toluene                   | U                  |           | 0.00232         | 0.00891         | 1        | 04/14/2024 15:28     | <a href="#">WG2266903</a> |
| Ethylbenzene              | U                  |           | 0.00131         | 0.00445         | 1        | 04/14/2024 15:28     | <a href="#">WG2266903</a> |
| Xylenes, Total            | U                  |           | 0.00157         | 0.0116          | 1        | 04/14/2024 15:28     | <a href="#">WG2266903</a> |
| (S) Toluene-d8            | 99.4               |           |                 | 75.0-131        |          | 04/14/2024 15:28     | <a href="#">WG2266903</a> |
| (S) 4-Bromofluorobenzene  | 93.4               |           |                 | 67.0-138        |          | 04/14/2024 15:28     | <a href="#">WG2266903</a> |
| (S) 1,2-Dichloroethane-d4 | 92.4               |           |                 | 70.0-130        |          | 04/14/2024 15:28     | <a href="#">WG2266903</a> |

6  
Sr

7  
Qc

8  
Gl

9  
Al

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

| Analyte                       | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|-------------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Diesel Range Organics (DRO)   | U                  |           | 1.78            | 5.36            | 1        | 04/14/2024 20:27     | <a href="#">WG2266750</a> |
| Residual Range Organics (RRO) | U                  |           | 4.47            | 13.4            | 1        | 04/14/2024 20:27     | <a href="#">WG2266750</a> |
| (S) o-Terphenyl               | 34.3               |           |                 | 18.0-148        |          | 04/14/2024 20:27     | <a href="#">WG2266750</a> |

10  
Sc

Total Solids by Method 2540 G-2011

| Analyte      | Result | Qualifier | Dilution | Analysis date / time | Batch                     |
|--------------|--------|-----------|----------|----------------------|---------------------------|
| Total Solids | 69.0   |           | 1        | 04/15/2024 11:07     | <a href="#">WG2267251</a> |

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Volatile Organic Compounds (GC) by Method NWTPHGX

| Analyte                         | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Gasoline Range Organics-NWTPH   | U                  |           | 1.67            | 4.92            | 25       | 04/14/2024 21:10     | <a href="#">WG2266892</a> |
| (S) a,a,a-Trifluorotoluene(FID) | 93.2               |           |                 | 77.0-120        |          | 04/14/2024 21:10     | <a href="#">WG2266892</a> |

Volatile Organic Compounds (GC/MS) by Method 8260D

| Analyte                   | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|---------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Benzene                   | U                  |           | 0.000920        | 0.00197         | 1        | 04/14/2024 15:48     | <a href="#">WG2266903</a> |
| Toluene                   | U                  |           | 0.00256         | 0.00985         | 1        | 04/14/2024 15:48     | <a href="#">WG2266903</a> |
| Ethylbenzene              | U                  |           | 0.00145         | 0.00492         | 1        | 04/14/2024 15:48     | <a href="#">WG2266903</a> |
| Xylenes, Total            | U                  |           | 0.00173         | 0.0128          | 1        | 04/14/2024 15:48     | <a href="#">WG2266903</a> |
| (S) Toluene-d8            | 100                |           |                 | 75.0-131        |          | 04/14/2024 15:48     | <a href="#">WG2266903</a> |
| (S) 4-Bromofluorobenzene  | 93.1               |           |                 | 67.0-138        |          | 04/14/2024 15:48     | <a href="#">WG2266903</a> |
| (S) 1,2-Dichloroethane-d4 | 89.1               |           |                 | 70.0-130        |          | 04/14/2024 15:48     | <a href="#">WG2266903</a> |

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

| Analyte                       | Result (dry) mg/kg | Qualifier | MDL (dry) mg/kg | RDL (dry) mg/kg | Dilution | Analysis date / time | Batch                     |
|-------------------------------|--------------------|-----------|-----------------|-----------------|----------|----------------------|---------------------------|
| Diesel Range Organics (DRO)   | U                  |           | 1.93            | 5.79            | 1        | 04/14/2024 20:40     | <a href="#">WG2266750</a> |
| Residual Range Organics (RRO) | U                  |           | 4.82            | 14.5            | 1        | 04/14/2024 20:40     | <a href="#">WG2266750</a> |
| (S) o-Terphenyl               | 31.9               |           |                 | 18.0-148        |          | 04/14/2024 20:40     | <a href="#">WG2266750</a> |

Method Blank (MB)

(MB) R4057916-1 04/15/24 11:40

| Analyte      | MB Result | MB Qualifier | MB MDL | MB RDL |
|--------------|-----------|--------------|--------|--------|
| Total Solids | 0.00600   | ⬇            |        |        |

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Ds

<sup>6</sup>Sr

<sup>7</sup>Qc

<sup>8</sup>Gl

<sup>9</sup>Al

<sup>10</sup>Sc

L1725709-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1725709-01 04/15/24 11:40 • (DUP) R4057916-3 04/15/24 11:40

| Analyte      | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|--------------|-----------------|------------|----------|---------|---------------|----------------|
| Total Solids | 92.3            | 96.2       | 1        | 4.13    |               | 10             |

Laboratory Control Sample (LCS)

(LCS) R4057916-2 04/15/24 11:40

| Analyte      | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|--------------|--------------|------------|----------|-------------|---------------|
| Total Solids | 50.0         | 50.0       | 99.9     | 90.0-110    |               |

Method Blank (MB)

(MB) R4057911-1 04/15/24 11:29

|              | MB Result | <u>MB Qualifier</u> | MB MDL | MB RDL |
|--------------|-----------|---------------------|--------|--------|
| Analyte      | %         |                     | %      | %      |
| Total Solids | 0.00200   |                     |        |        |

L1725709-11 Original Sample (OS) • Duplicate (DUP)

(OS) L1725709-11 04/15/24 11:29 • (DUP) R4057911-3 04/15/24 11:29

|              | Original Result | DUP Result | Dilution | DUP RPD | <u>DUP Qualifier</u> | DUP RPD Limits |
|--------------|-----------------|------------|----------|---------|----------------------|----------------|
| Analyte      | %               | %          |          | %       |                      | %              |
| Total Solids | 70.2            | 68.2       | 1        | 2.88    |                      | 10             |

Laboratory Control Sample (LCS)

(LCS) R4057911-2 04/15/24 11:29

|              | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | <u>LCS Qualifier</u> |
|--------------|--------------|------------|----------|-------------|----------------------|
| Analyte      | %            | %          | %        | %           |                      |
| Total Solids | 50.0         | 50.0       | 100      | 90.0-110    |                      |

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Ds

<sup>6</sup>Sr

<sup>7</sup>Qc

<sup>8</sup>Gl

<sup>9</sup>Al

<sup>10</sup>Sc

Method Blank (MB)

(MB) R4057909-1 04/15/24 11:17

| Analyte      | MB Result | <u>MB Qualifier</u> | MB MDL | MB RDL |
|--------------|-----------|---------------------|--------|--------|
|              | %         |                     | %      | %      |
| Total Solids | 0.00100   |                     |        |        |

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Ds

<sup>6</sup>Sr

<sup>7</sup>Qc

<sup>8</sup>Gl

<sup>9</sup>Al

<sup>10</sup>Sc

L1725709-21 Original Sample (OS) • Duplicate (DUP)

(OS) L1725709-21 04/15/24 11:17 • (DUP) R4057909-3 04/15/24 11:17

| Analyte      | Original Result | DUP Result | Dilution | DUP RPD | <u>DUP Qualifier</u> | DUP RPD Limits |
|--------------|-----------------|------------|----------|---------|----------------------|----------------|
|              | %               | %          |          | %       |                      | %              |
| Total Solids | 69.4            | 69.2       | 1        | 0.222   |                      | 10             |

Laboratory Control Sample (LCS)

(LCS) R4057909-2 04/15/24 11:17

| Analyte      | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | <u>LCS Qualifier</u> |
|--------------|--------------|------------|----------|-------------|----------------------|
|              | %            | %          | %        | %           |                      |
| Total Solids | 50.0         | 50.0       | 99.9     | 90.0-110    |                      |

Method Blank (MB)

(MB) R4057908-1 04/15/24 11:07

| Analyte      | MB Result | MB Qualifier | MB MDL | MB RDL |
|--------------|-----------|--------------|--------|--------|
| Total Solids | 0.00300   |              |        |        |

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Ds

<sup>6</sup>Sr

<sup>7</sup>Qc

<sup>8</sup>Gl

<sup>9</sup>Al

<sup>10</sup>Sc

L1725709-31 Original Sample (OS) • Duplicate (DUP)

(OS) L1725709-31 04/15/24 11:07 • (DUP) R4057908-3 04/15/24 11:07

| Analyte      | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|--------------|-----------------|------------|----------|---------|---------------|----------------|
| Total Solids | 72.3            | 73.7       | 1        | 1.89    |               | 10             |

Laboratory Control Sample (LCS)

(LCS) R4057908-2 04/15/24 11:07

| Analyte      | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|--------------|--------------|------------|----------|-------------|---------------|
| Total Solids | 50.0         | 50.0       | 100      | 90.0-110    |               |

Method Blank (MB)

(MB) R4057531-1 04/14/24 11:24

| Analyte                            | MB Result<br>mg/kg | MB Qualifier | MB MDL<br>mg/kg | MB RDL<br>mg/kg |
|------------------------------------|--------------------|--------------|-----------------|-----------------|
| Gasoline Range Organics-NWTPH      | U                  |              | 0.848           | 2.50            |
| (S)<br>a,a,a-Trifluorotoluene(FID) | 99.6               |              |                 | 77.0-120        |

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4057531-2 04/14/24 13:19 • (LCSD) R4057531-3 04/14/24 13:38

| Analyte                            | Spike Amount<br>mg/kg | LCS Result<br>mg/kg | LCSD Result<br>mg/kg | LCS Rec.<br>% | LCSD Rec.<br>% | Rec. Limits<br>% | LCS Qualifier | LCSD Qualifier | RPD<br>% | RPD Limits<br>% |
|------------------------------------|-----------------------|---------------------|----------------------|---------------|----------------|------------------|---------------|----------------|----------|-----------------|
| Gasoline Range Organics-NWTPH      | 5.00                  | 5.00                | 4.60                 | 100           | 92.0           | 71.0-124         |               |                | 8.33     | 20              |
| (S)<br>a,a,a-Trifluorotoluene(FID) |                       |                     |                      | 101           | 102            | 77.0-120         |               |                |          |                 |

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Method Blank (MB)

(MB) R4057537-2 04/14/24 13:27

| Analyte                            | MB Result<br>mg/kg | MB Qualifier | MB MDL<br>mg/kg | MB RDL<br>mg/kg |
|------------------------------------|--------------------|--------------|-----------------|-----------------|
| Gasoline Range Organics-NWTPH      | 0.871              | J            | 0.848           | 2.50            |
| (S)<br>a,a,a-Trifluorotoluene(FID) | 94.0               |              |                 | 77.0-120        |

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4057537-1 04/14/24 11:18 • (LCSD) R4057537-3 04/14/24 17:06

| Analyte                            | Spike Amount<br>mg/kg | LCS Result<br>mg/kg | LCSD Result<br>mg/kg | LCS Rec.<br>% | LCSD Rec.<br>% | Rec. Limits<br>% | LCS Qualifier | LCSD Qualifier | RPD<br>% | RPD Limits<br>% |
|------------------------------------|-----------------------|---------------------|----------------------|---------------|----------------|------------------|---------------|----------------|----------|-----------------|
| Gasoline Range Organics-NWTPH      | 5.00                  | 4.62                | 4.33                 | 92.4          | 86.6           | 71.0-124         |               |                | 6.48     | 20              |
| (S)<br>a,a,a-Trifluorotoluene(FID) |                       |                     |                      | 94.2          | 96.9           | 77.0-120         |               |                |          |                 |

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Method Blank (MB)

(MB) R4059283-2 04/17/24 19:49

| Analyte                            | MB Result<br>mg/kg | MB Qualifier | MB MDL<br>mg/kg | MB RDL<br>mg/kg |
|------------------------------------|--------------------|--------------|-----------------|-----------------|
| Gasoline Range Organics-NWTPH      | 1.68               | J            | 0.848           | 2.50            |
| (S)<br>a,a,a-Trifluorotoluene(FID) | 87.8               |              |                 | 77.0-120        |

Laboratory Control Sample (LCS)

(LCS) R4059283-1 04/17/24 17:35

| Analyte                            | Spike Amount<br>mg/kg | LCS Result<br>mg/kg | LCS Rec.<br>% | Rec. Limits<br>% | LCS Qualifier |
|------------------------------------|-----------------------|---------------------|---------------|------------------|---------------|
| Gasoline Range Organics-NWTPH      | 5.00                  | 4.88                | 97.6          | 71.0-124         |               |
| (S)<br>a,a,a-Trifluorotoluene(FID) |                       |                     | 99.2          | 77.0-120         |               |

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Method Blank (MB)

(MB) R4060915-2 04/22/24 17:28

| Analyte                            | MB Result<br>mg/kg | MB Qualifier | MB MDL<br>mg/kg | MB RDL<br>mg/kg |
|------------------------------------|--------------------|--------------|-----------------|-----------------|
| Gasoline Range Organics-NWTPH      | 0.988              | J            | 0.848           | 2.50            |
| (S)<br>a,a,a-Trifluorotoluene(FID) | 107                |              |                 | 77.0-120        |

Laboratory Control Sample (LCS)

(LCS) R4060915-1 04/22/24 16:20

| Analyte                            | Spike Amount<br>mg/kg | LCS Result<br>mg/kg | LCS Rec.<br>% | Rec. Limits<br>% | LCS Qualifier |
|------------------------------------|-----------------------|---------------------|---------------|------------------|---------------|
| Gasoline Range Organics-NWTPH      | 5.00                  | 5.08                | 102           | 71.0-124         |               |
| (S)<br>a,a,a-Trifluorotoluene(FID) |                       |                     | 106           | 77.0-120         |               |

L1727167-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1727167-01 04/22/24 20:49 • (MS) R4060915-3 04/23/24 02:57 • (MSD) R4060915-4 04/23/24 03:20

| Analyte                            | Spike Amount (dry)<br>mg/kg | Original Result (dry)<br>mg/kg | MS Result (dry)<br>mg/kg | MSD Result (dry)<br>mg/kg | MS Rec.<br>% | MSD Rec.<br>% | Dilution | Rec. Limits<br>% | MS Qualifier | MSD Qualifier | RPD<br>% | RPD Limits<br>% |
|------------------------------------|-----------------------------|--------------------------------|--------------------------|---------------------------|--------------|---------------|----------|------------------|--------------|---------------|----------|-----------------|
| Gasoline Range Organics-NWTPH      | 215                         | U                              | 279                      | 281                       | 130          | 131           | 25       | 50.0-150         |              |               | 0.697    | 27              |
| (S)<br>a,a,a-Trifluorotoluene(FID) |                             |                                |                          |                           | 111          | 111           |          | 77.0-120         |              |               |          |                 |

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Method Blank (MB)

(MB) R4057541-3 04/14/24 11:19

| Analyte                   | MB Result<br>mg/kg | MB Qualifier | MB MDL<br>mg/kg | MB RDL<br>mg/kg |
|---------------------------|--------------------|--------------|-----------------|-----------------|
| Benzene                   | U                  |              | 0.000467        | 0.00100         |
| Toluene                   | U                  |              | 0.00130         | 0.00500         |
| Ethylbenzene              | U                  |              | 0.000737        | 0.00250         |
| Xylenes, Total            | U                  |              | 0.000880        | 0.00650         |
| (S) Toluene-d8            | 111                |              |                 | 75.0-131        |
| (S) 4-Bromofluorobenzene  | 96.4               |              |                 | 67.0-138        |
| (S) 1,2-Dichloroethane-d4 | 86.5               |              |                 | 70.0-130        |

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4057541-1 04/14/24 09:39 • (LCSD) R4057541-2 04/14/24 09:59

| Analyte                   | Spike Amount<br>mg/kg | LCS Result<br>mg/kg | LCSD Result<br>mg/kg | LCS Rec.<br>% | LCSD Rec.<br>% | Rec. Limits<br>% | LCS Qualifier | LCSD Qualifier | RPD<br>% | RPD Limits<br>% |
|---------------------------|-----------------------|---------------------|----------------------|---------------|----------------|------------------|---------------|----------------|----------|-----------------|
| Benzene                   | 0.125                 | 0.129               | 0.130                | 103           | 104            | 70.0-123         |               |                | 0.772    | 20              |
| Toluene                   | 0.125                 | 0.119               | 0.122                | 95.2          | 97.6           | 75.0-121         |               |                | 2.49     | 20              |
| Ethylbenzene              | 0.125                 | 0.118               | 0.124                | 94.4          | 99.2           | 74.0-126         |               |                | 4.96     | 20              |
| Xylenes, Total            | 0.375                 | 0.331               | 0.348                | 88.3          | 92.8           | 72.0-127         |               |                | 5.01     | 20              |
| (S) Toluene-d8            |                       |                     |                      | 108           | 107            | 75.0-131         |               |                |          |                 |
| (S) 4-Bromofluorobenzene  |                       |                     |                      | 96.4          | 99.7           | 67.0-138         |               |                |          |                 |
| (S) 1,2-Dichloroethane-d4 |                       |                     |                      | 95.5          | 91.7           | 70.0-130         |               |                |          |                 |

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Method Blank (MB)

(MB) R4057543-3 04/14/24 11:25

| Analyte                   | MB Result<br>mg/kg | MB Qualifier | MB MDL<br>mg/kg | MB RDL<br>mg/kg |
|---------------------------|--------------------|--------------|-----------------|-----------------|
| Benzene                   | U                  |              | 0.000467        | 0.00100         |
| Toluene                   | U                  |              | 0.00130         | 0.00500         |
| Ethylbenzene              | U                  |              | 0.000737        | 0.00250         |
| Xylenes, Total            | U                  |              | 0.000880        | 0.00650         |
| (S) Toluene-d8            | 104                |              |                 | 75.0-131        |
| (S) 4-Bromofluorobenzene  | 92.8               |              |                 | 67.0-138        |
| (S) 1,2-Dichloroethane-d4 | 89.3               |              |                 | 70.0-130        |

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4057543-1 04/14/24 09:47 • (LCSD) R4057543-2 04/14/24 10:06

| Analyte                   | Spike Amount<br>mg/kg | LCS Result<br>mg/kg | LCSD Result<br>mg/kg | LCS Rec.<br>% | LCSD Rec.<br>% | Rec. Limits<br>% | LCS Qualifier | LCSD Qualifier | RPD<br>% | RPD Limits<br>% |
|---------------------------|-----------------------|---------------------|----------------------|---------------|----------------|------------------|---------------|----------------|----------|-----------------|
| Benzene                   | 0.125                 | 0.136               | 0.129                | 109           | 103            | 70.0-123         |               |                | 5.28     | 20              |
| Toluene                   | 0.125                 | 0.124               | 0.111                | 99.2          | 88.8           | 75.0-121         |               |                | 11.1     | 20              |
| Ethylbenzene              | 0.125                 | 0.133               | 0.123                | 106           | 98.4           | 74.0-126         |               |                | 7.81     | 20              |
| Xylenes, Total            | 0.375                 | 0.379               | 0.360                | 101           | 96.0           | 72.0-127         |               |                | 5.14     | 20              |
| (S) Toluene-d8            |                       |                     |                      | 95.3          | 93.1           | 75.0-131         |               |                |          |                 |
| (S) 4-Bromofluorobenzene  |                       |                     |                      | 101           | 98.8           | 67.0-138         |               |                |          |                 |
| (S) 1,2-Dichloroethane-d4 |                       |                     |                      | 96.7          | 94.5           | 70.0-130         |               |                |          |                 |

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Method Blank (MB)

(MB) R4057718-3 04/15/24 10:58

| Analyte                   | MB Result<br>mg/kg | MB Qualifier | MB MDL<br>mg/kg | MB RDL<br>mg/kg |
|---------------------------|--------------------|--------------|-----------------|-----------------|
| Xylenes, Total            | U                  |              | 0.000880        | 0.00650         |
| (S) Toluene-d8            | 111                |              |                 | 75.0-131        |
| (S) 4-Bromofluorobenzene  | 100                |              |                 | 67.0-138        |
| (S) 1,2-Dichloroethane-d4 | 87.6               |              |                 | 70.0-130        |

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4057718-1 04/15/24 09:22 • (LCSD) R4057718-2 04/15/24 09:41

| Analyte                   | Spike Amount<br>mg/kg | LCS Result<br>mg/kg | LCSD Result<br>mg/kg | LCS Rec.<br>% | LCSD Rec.<br>% | Rec. Limits<br>% | LCS Qualifier | LCSD Qualifier | RPD<br>% | RPD Limits<br>% |
|---------------------------|-----------------------|---------------------|----------------------|---------------|----------------|------------------|---------------|----------------|----------|-----------------|
| Xylenes, Total            | 0.375                 | 0.415               | 0.410                | 111           | 109            | 72.0-127         |               |                | 1.21     | 20              |
| (S) Toluene-d8            |                       |                     |                      | 105           | 106            | 75.0-131         |               |                |          |                 |
| (S) 4-Bromofluorobenzene  |                       |                     |                      | 104           | 101            | 67.0-138         |               |                |          |                 |
| (S) 1,2-Dichloroethane-d4 |                       |                     |                      | 93.1          | 95.6           | 70.0-130         |               |                |          |                 |

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Method Blank (MB)

(MB) R4059035-3 04/17/24 18:44

| Analyte                   | MB Result<br>mg/kg | MB Qualifier | MB MDL<br>mg/kg | MB RDL<br>mg/kg |
|---------------------------|--------------------|--------------|-----------------|-----------------|
| Benzene                   | U                  |              | 0.000467        | 0.00100         |
| Toluene                   | 0.00160            | U            | 0.00130         | 0.00500         |
| Ethylbenzene              | U                  |              | 0.000737        | 0.00250         |
| Xylenes, Total            | U                  |              | 0.000880        | 0.00650         |
| (S) Toluene-d8            | 112                |              |                 | 75.0-131        |
| (S) 4-Bromofluorobenzene  | 94.8               |              |                 | 67.0-138        |
| (S) 1,2-Dichloroethane-d4 | 73.5               |              |                 | 70.0-130        |

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4059035-1 04/17/24 16:35 • (LCSD) R4059035-2 04/17/24 16:54

| Analyte                   | Spike Amount<br>mg/kg | LCS Result<br>mg/kg | LCSD Result<br>mg/kg | LCS Rec.<br>% | LCSD Rec.<br>% | Rec. Limits<br>% | LCS Qualifier | LCSD Qualifier | RPD<br>% | RPD Limits<br>% |
|---------------------------|-----------------------|---------------------|----------------------|---------------|----------------|------------------|---------------|----------------|----------|-----------------|
| Benzene                   | 0.125                 | 0.126               | 0.119                | 101           | 95.2           | 70.0-123         |               |                | 5.71     | 20              |
| Toluene                   | 0.125                 | 0.123               | 0.108                | 98.4          | 86.4           | 75.0-121         |               |                | 13.0     | 20              |
| Ethylbenzene              | 0.125                 | 0.124               | 0.110                | 99.2          | 88.0           | 74.0-126         |               |                | 12.0     | 20              |
| Xylenes, Total            | 0.375                 | 0.354               | 0.326                | 94.4          | 86.9           | 72.0-127         |               |                | 8.24     | 20              |
| (S) Toluene-d8            |                       |                     |                      | 105           | 97.7           | 75.0-131         |               |                |          |                 |
| (S) 4-Bromofluorobenzene  |                       |                     |                      | 92.4          | 88.8           | 67.0-138         |               |                |          |                 |
| (S) 1,2-Dichloroethane-d4 |                       |                     |                      | 77.7          | 77.3           | 70.0-130         |               |                |          |                 |

Cp

Tc

Ss

Cn

Ds

Sr

Qc

Gl

Al

Sc

Method Blank (MB)

(MB) R4061294-3 04/23/24 00:14

| Analyte                   | MB Result<br>mg/kg | MB Qualifier | MB MDL<br>mg/kg | MB RDL<br>mg/kg |
|---------------------------|--------------------|--------------|-----------------|-----------------|
| Benzene                   | U                  |              | 0.000467        | 0.00100         |
| Toluene                   | U                  |              | 0.00130         | 0.00500         |
| Ethylbenzene              | U                  |              | 0.000737        | 0.00250         |
| Xylenes, Total            | U                  |              | 0.000880        | 0.00650         |
| (S) Toluene-d8            | 105                |              |                 | 75.0-131        |
| (S) 4-Bromofluorobenzene  | 99.7               |              |                 | 67.0-138        |
| (S) 1,2-Dichloroethane-d4 | 93.1               |              |                 | 70.0-130        |

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4061294-1 04/22/24 21:38 • (LCSD) R4061294-2 04/22/24 23:33

| Analyte                   | Spike Amount<br>mg/kg | LCS Result<br>mg/kg | LCSD Result<br>mg/kg | LCS Rec.<br>% | LCSD Rec.<br>% | Rec. Limits<br>% | LCS Qualifier | LCSD Qualifier | RPD<br>% | RPD Limits<br>% |
|---------------------------|-----------------------|---------------------|----------------------|---------------|----------------|------------------|---------------|----------------|----------|-----------------|
| Benzene                   | 0.125                 | 0.115               | 0.124                | 92.0          | 99.2           | 70.0-123         |               |                | 7.53     | 20              |
| Toluene                   | 0.125                 | 0.116               | 0.123                | 92.8          | 98.4           | 75.0-121         |               |                | 5.86     | 20              |
| Ethylbenzene              | 0.125                 | 0.121               | 0.132                | 96.8          | 106            | 74.0-126         |               |                | 8.70     | 20              |
| Xylenes, Total            | 0.375                 | 0.315               | 0.363                | 84.0          | 96.8           | 72.0-127         |               |                | 14.2     | 20              |
| (S) Toluene-d8            |                       |                     |                      |               | 104            | 105              |               |                |          | 75.0-131        |
| (S) 4-Bromofluorobenzene  |                       |                     |                      |               | 100            | 98.8             |               |                |          | 67.0-138        |
| (S) 1,2-Dichloroethane-d4 |                       |                     |                      |               | 104            | 102              |               |                |          | 70.0-130        |

L1727920-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1727920-01 04/23/24 01:11 • (MS) R4061294-4 04/23/24 06:56 • (MSD) R4061294-5 04/23/24 07:15

| Analyte                   | Spike Amount<br>mg/kg | Original Result<br>mg/kg | MS Result<br>mg/kg | MSD Result<br>mg/kg | MS Rec.<br>% | MSD Rec.<br>% | Dilution | Rec. Limits<br>% | MS Qualifier | MSD Qualifier | RPD<br>% | RPD Limits<br>% |
|---------------------------|-----------------------|--------------------------|--------------------|---------------------|--------------|---------------|----------|------------------|--------------|---------------|----------|-----------------|
| Benzene                   | 0.125                 | U                        | 0.126              | 0.141               | 101          | 113           | 1        | 10.0-149         |              |               | 11.2     | 37              |
| Toluene                   | 0.125                 | 0.00153                  | 0.133              | 0.141               | 105          | 112           | 1        | 10.0-156         |              |               | 5.84     | 38              |
| Ethylbenzene              | 0.125                 | U                        | 0.141              | 0.143               | 113          | 114           | 1        | 10.0-160         |              |               | 1.41     | 38              |
| Xylenes, Total            | 0.375                 | U                        | 0.388              | 0.410               | 103          | 109           | 1        | 10.0-160         |              |               | 5.51     | 38              |
| (S) Toluene-d8            |                       |                          |                    |                     | 106          | 105           |          | 75.0-131         |              |               |          |                 |
| (S) 4-Bromofluorobenzene  |                       |                          |                    |                     | 101          | 97.1          |          | 67.0-138         |              |               |          |                 |
| (S) 1,2-Dichloroethane-d4 |                       |                          |                    |                     | 90.9         | 104           |          | 70.0-130         |              |               |          |                 |

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Method Blank (MB)

(MB) R4057620-1 04/14/24 21:32

| Analyte                       | MB Result<br>mg/kg | MB Qualifier | MB MDL<br>mg/kg | MB RDL<br>mg/kg |
|-------------------------------|--------------------|--------------|-----------------|-----------------|
| Diesel Range Organics (DRO)   | U                  |              | 1.33            | 4.00            |
| Residual Range Organics (RRO) | U                  |              | 3.33            | 10.0            |
| (S) o-Terphenyl               | 42.9               |              |                 | 18.0-148        |

Method Blank (MB)

(MB) R4057847-1 04/15/24 13:17

| Analyte                       | MB Result<br>mg/kg | MB Qualifier | MB MDL<br>mg/kg | MB RDL<br>mg/kg |
|-------------------------------|--------------------|--------------|-----------------|-----------------|
| Diesel Range Organics (DRO)   | U                  |              | 1.33            | 4.00            |
| Residual Range Organics (RRO) | U                  |              | 3.33            | 10.0            |
| (S) o-Terphenyl               | 85.7               |              |                 | 18.0-148        |

Laboratory Control Sample (LCS)

(LCS) R4057620-2 04/14/24 21:45

| Analyte                     | Spike Amount<br>mg/kg | LCS Result<br>mg/kg | LCS Rec.<br>% | Rec. Limits<br>% | LCS Qualifier |
|-----------------------------|-----------------------|---------------------|---------------|------------------|---------------|
| Diesel Range Organics (DRO) | 50.0                  | 34.5                | 69.0          | 50.0-150         |               |
| (S) o-Terphenyl             |                       |                     | 56.0          | 18.0-148         |               |

L1725709-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1725709-01 04/14/24 21:58 • (MS) R4057620-3 04/14/24 22:11 • (MSD) R4057620-4 04/14/24 22:24

| Analyte                     | Spike Amount<br>(dry)<br>mg/kg | Original Result<br>(dry)<br>mg/kg | MS Result (dry)<br>mg/kg | MSD Result<br>(dry)<br>mg/kg | MS Rec.<br>% | MSD Rec.<br>% | Dilution | Rec. Limits<br>% | MS Qualifier | MSD Qualifier | RPD<br>% | RPD Limits<br>% |
|-----------------------------|--------------------------------|-----------------------------------|--------------------------|------------------------------|--------------|---------------|----------|------------------|--------------|---------------|----------|-----------------|
| Diesel Range Organics (DRO) | 53.1                           | 47.8                              | 84.3                     | 66.0                         | 68.8         | 35.7          | 1        | 50.0-150         |              | J3 J6         | 24.4     | 20              |
| (S) o-Terphenyl             |                                |                                   |                          |                              | 34.3         | 42.8          |          | 18.0-148         |              |               |          |                 |

Sample Narrative:

OS: Sample resembles laboratory standard for Hydraulic Oil.

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Method Blank (MB)

(MB) R4057621-1 04/14/24 17:24

| Analyte                       | MB Result<br>mg/kg | MB Qualifier | MB MDL<br>mg/kg | MB RDL<br>mg/kg |
|-------------------------------|--------------------|--------------|-----------------|-----------------|
| Diesel Range Organics (DRO)   | U                  |              | 1.33            | 4.00            |
| Residual Range Organics (RRO) | U                  |              | 3.33            | 10.0            |
| (S) o-Terphenyl               | 53.5               |              |                 | 18.0-148        |

Laboratory Control Sample (LCS)

(LCS) R4057621-2 04/14/24 17:37

| Analyte                     | Spike Amount<br>mg/kg | LCS Result<br>mg/kg | LCS Rec.<br>% | Rec. Limits<br>% | LCS Qualifier |
|-----------------------------|-----------------------|---------------------|---------------|------------------|---------------|
| Diesel Range Organics (DRO) | 50.0                  | 35.2                | 70.4          | 50.0-150         |               |
| (S) o-Terphenyl             |                       |                     | 58.7          | 18.0-148         |               |

L1725709-29 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1725709-29 04/14/24 17:50 • (MS) R4057621-3 04/14/24 18:03 • (MSD) R4057621-4 04/14/24 18:16

| Analyte                     | Spike Amount<br>(dry)<br>mg/kg | Original Result<br>(dry)<br>mg/kg | MS Result (dry)<br>mg/kg | MSD Result<br>(dry)<br>mg/kg | MS Rec.<br>% | MSD Rec.<br>% | Dilution | Rec. Limits<br>% | MS Qualifier | MSD Qualifier | RPD<br>% | RPD Limits<br>% |
|-----------------------------|--------------------------------|-----------------------------------|--------------------------|------------------------------|--------------|---------------|----------|------------------|--------------|---------------|----------|-----------------|
| Diesel Range Organics (DRO) | 65.5                           | U                                 | 40.2                     | 48.6                         | 61.4         | 73.3          | 1        | 50.0-150         |              |               | 18.9     | 20              |
| (S) o-Terphenyl             |                                |                                   |                          |                              | 53.4         | 53.0          |          | 18.0-148         |              |               |          |                 |

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Method Blank (MB)

(MB) R4059883-1 04/19/24 14:07

| Analyte                       | MB Result<br>mg/kg | MB Qualifier | MB MDL<br>mg/kg | MB RDL<br>mg/kg |
|-------------------------------|--------------------|--------------|-----------------|-----------------|
| Diesel Range Organics (DRO)   | U                  |              | 1.33            | 4.00            |
| Residual Range Organics (RRO) | U                  |              | 3.33            | 10.0            |
| (S) o-Terphenyl               | 48.6               |              |                 | 18.0-148        |

Laboratory Control Sample (LCS)

(LCS) R4059883-2 04/19/24 14:20

| Analyte                     | Spike Amount<br>mg/kg | LCS Result<br>mg/kg | LCS Rec.<br>% | Rec. Limits<br>% | LCS Qualifier |
|-----------------------------|-----------------------|---------------------|---------------|------------------|---------------|
| Diesel Range Organics (DRO) | 50.0                  | 38.3                | 76.6          | 50.0-150         |               |
| (S) o-Terphenyl             |                       |                     | 62.6          | 18.0-148         |               |

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Ds

<sup>6</sup>Sr

<sup>7</sup>Qc

<sup>8</sup>Gl

<sup>9</sup>Al

<sup>10</sup>Sc

Method Blank (MB)

(MB) R4061397-1 04/24/24 00:52

| Analyte                       | MB Result<br>mg/kg | <u>MB Qualifier</u> | MB MDL<br>mg/kg | MB RDL<br>mg/kg |
|-------------------------------|--------------------|---------------------|-----------------|-----------------|
| Diesel Range Organics (DRO)   | U                  |                     | 1.33            | 4.00            |
| Residual Range Organics (RRO) | U                  |                     | 3.33            | 10.0            |
| (S) o-Terphenyl               | 50.8               |                     |                 | 18.0-148        |

Laboratory Control Sample (LCS)

(LCS) R4061397-2 04/24/24 07:21

| Analyte                     | Spike Amount<br>mg/kg | LCS Result<br>mg/kg | LCS Rec.<br>% | Rec. Limits<br>% | <u>LCS Qualifier</u> |
|-----------------------------|-----------------------|---------------------|---------------|------------------|----------------------|
| Diesel Range Organics (DRO) | 50.0                  | 26.3                | 52.6          | 50.0-150         |                      |
| (S) o-Terphenyl             |                       |                     | 48.3          | 18.0-148         |                      |

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Ds

<sup>6</sup>Sr

<sup>7</sup>Qc

<sup>8</sup>Gl

<sup>9</sup>Al

<sup>10</sup>Sc

# GLOSSARY OF TERMS

## Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

## Abbreviations and Definitions

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (dry)                        | Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].                                                                                                                                                                                                                                                                                                                                                                                                   |
| MDL                          | Method Detection Limit.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| MDL (dry)                    | Method Detection Limit.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| RDL                          | Reported Detection Limit.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| RDL (dry)                    | Reported Detection Limit.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Rec.                         | Recovery.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| RPD                          | Relative Percent Difference.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| SDG                          | Sample Delivery Group.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| (S)                          | Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.                                                                                                                                                                                                                                               |
| U                            | Not detected at the Reporting Limit (or MDL where applicable).                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Analyte                      | The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.                                                                                                                                                                                                                                                                                                                                                                                                 |
| Dilution                     | If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.                                                                                    |
| Limits                       | These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.                                                                                                                                                                                                                                                      |
| Original Sample              | The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.                                                                                                                                                                                                                                                                                                                            |
| Qualifier                    | This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.                                                                                                                                                                  |
| Result                       | The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte. |
| Uncertainty (Radiochemistry) | Confidence level of 2 sigma.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Case Narrative (Cn)          | A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.                                                                                                                                                                          |
| Quality Control Summary (Qc) | This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.                                                                                                                                                                                              |
| Sample Chain of Custody (Sc) | This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.                                                              |
| Sample Results (Sr)          | This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.                                                                                                                                                                                             |
| Sample Summary (Ss)          | This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.                                                                                                                                                                                                                                                                                                                                                            |

## Qualifier Description

|    |                                                                                                       |
|----|-------------------------------------------------------------------------------------------------------|
| B  | The same analyte is found in the associated blank.                                                    |
| J  | The identification of the analyte is acceptable; the reported value is an estimate.                   |
| J2 | Surrogate recovery limits have been exceeded; values are outside lower control limits.                |
| J3 | The associated batch QC was outside the established quality control range for precision.              |
| J6 | The sample matrix interfered with the ability to make any accurate determination; spike value is low. |



# ACCREDITATIONS & LOCATIONS

## Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

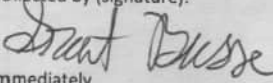
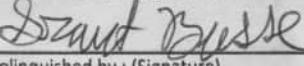
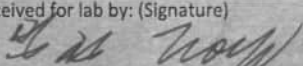
|                                |             |                             |                  |
|--------------------------------|-------------|-----------------------------|------------------|
| Alabama                        | 40660       | Nebraska                    | NE-OS-15-05      |
| Alaska                         | 17-026      | Nevada                      | TN000032021-1    |
| Arizona                        | AZ0612      | New Hampshire               | 2975             |
| Arkansas                       | 88-0469     | New Jersey--NELAP           | TN002            |
| California                     | 2932        | New Mexico <sup>1</sup>     | TN00003          |
| Colorado                       | TN00003     | New York                    | 11742            |
| Connecticut                    | PH-0197     | North Carolina              | Env375           |
| Florida                        | E87487      | North Carolina <sup>1</sup> | DW21704          |
| Georgia                        | NELAP       | North Carolina <sup>3</sup> | 41               |
| Georgia <sup>1</sup>           | 923         | North Dakota                | R-140            |
| Idaho                          | TN00003     | Ohio--VAP                   | CL0069           |
| Illinois                       | 200008      | Oklahoma                    | 9915             |
| Indiana                        | C-TN-01     | Oregon                      | TN200002         |
| Iowa                           | 364         | Pennsylvania                | 68-02979         |
| Kansas                         | E-10277     | Rhode Island                | LA000356         |
| Kentucky <sup>1 6</sup>        | KY90010     | South Carolina              | 84004002         |
| Kentucky <sup>2</sup>          | 16          | South Dakota                | n/a              |
| Louisiana                      | AI30792     | Tennessee <sup>1 4</sup>    | 2006             |
| Louisiana                      | LA018       | Texas                       | T104704245-20-18 |
| Maine                          | TN00003     | Texas <sup>5</sup>          | LAB0152          |
| Maryland                       | 324         | Utah                        | TN000032021-11   |
| Massachusetts                  | M-TN003     | Vermont                     | VT2006           |
| Michigan                       | 9958        | Virginia                    | 110033           |
| Minnesota                      | 047-999-395 | Washington                  | C847             |
| Mississippi                    | TN00003     | West Virginia               | 233              |
| Missouri                       | 340         | Wisconsin                   | 998093910        |
| Montana                        | CERT0086    | Wyoming                     | A2LA             |
| A2LA -- ISO 17025              | 1461.01     | AIHA-LAP,LLC EMLAP          | 100789           |
| A2LA -- ISO 17025 <sup>5</sup> | 1461.02     | DOD                         | 1461.01          |
| Canada                         | 1461.01     | USDA                        | P330-15-00234    |
| EPA--Crypto                    | TN00003     |                             |                  |

<sup>1</sup> Drinking Water <sup>2</sup> Underground Storage Tanks <sup>3</sup> Aquatic Toxicity <sup>4</sup> Chemical/Microbiological <sup>5</sup> Mold <sup>6</sup> Wastewater n/a Accreditation not applicable

\* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

\* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.



|                                                                                                                                            |              |                                                                                                                                                                                                                                                                                                                           |                |                                                                                                                                          |              |                                                                                                                                  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |   |                                                                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|--------------------------------------------------------------------------------------------------------------------------------------------|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------------------------------------------------------------------------------------------------------------------------|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|-------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Company Name/Address:<br><b>BPLAMP - WSP</b><br><br>18300 Redmond Way<br>Suite 200<br>Redmond, WA 98052                                    |              |                                                                                                                                                                                                                                                                                                                           |                | Billing Information:<br><b>Chelsea Foster</b><br>18300 Redmond Way<br>Suite 200<br>Redmond, WA 98052                                     |              |                                                                                                                                  |   | Analysis / Container / Preservative                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |   |                                                                                                 |  | Chain of Custody Page ____ of ____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| Report to:<br><b>Chelsea Foster / David Tully</b>                                                                                          |              |                                                                                                                                                                                                                                                                                                                           |                | Email To: <b>chelsea.foster@wsp.com</b><br><b>David.tully@wsp.com</b>                                                                    |              |                                                                                                                                  |   | Pres Chk                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |                                                                                                 |  | <br><b>MT JULIET, TN</b><br>12065 Lebanon Rd Mount Juliet, TN 37122<br>Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: <a href="https://info.pacelabs.com/hubfs/pas-standard-terms.pdf">https://info.pacelabs.com/hubfs/pas-standard-terms.pdf</a><br>SDG # <b>1725709</b><br><b>B138</b><br>Acctnum: <b>BPLAMPWSP</b><br>Template: <b>T250109</b><br>Prelogin: <b>P1066490</b><br>PM: <b>546 - Jared Starkey</b><br>PB: <b>3-29-246m</b><br>Shipped Via:<br>Remarks Sample # (lab only) |  |
| Project Description:                                                                                                                       |              |                                                                                                                                                                                                                                                                                                                           |                | City/State Collected: <b>Conway, WA</b>                                                                                                  |              | Please Circle:<br><input checked="" type="radio"/> PT <input type="radio"/> MT <input type="radio"/> CT <input type="radio"/> ET |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |   |                                                                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| Phone: <b>360-820-3400</b>                                                                                                                 |              | Client Project #                                                                                                                                                                                                                                                                                                          |                | Lab Project #<br><b>BPLAMPWSP-CONWAY</b>                                                                                                 |              |                                                                                                                                  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |   |                                                                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| Collected by (print):<br><b>Grant Busse</b>                                                                                                |              | Site/Facility ID #<br><b>US-EI-4203383</b>                                                                                                                                                                                                                                                                                |                | P.O. #                                                                                                                                   |              |                                                                                                                                  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |   |                                                                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| Collected by (signature):<br>                             |              | <b>Rush? (Lab MUST Be Notified)</b><br><input checked="" type="checkbox"/> Same Day <input type="checkbox"/> Five Day<br><input type="checkbox"/> Next Day <input type="checkbox"/> 5 Day (Rad Only)<br><input type="checkbox"/> Two Day <input type="checkbox"/> 10 Day (Rad Only)<br><input type="checkbox"/> Three Day |                | Quote #                                                                                                                                  |              |                                                                                                                                  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |   |                                                                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| Immediately Packed on Ice N <input type="checkbox"/> Y <input checked="" type="checkbox"/>                                                 |              |                                                                                                                                                                                                                                                                                                                           |                | Date Results Needed                                                                                                                      |              | No. of Cntrs                                                                                                                     |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |   |                                                                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| Sample ID                                                                                                                                  | Comp/Grab    | Matrix *                                                                                                                                                                                                                                                                                                                  | Depth          | Date                                                                                                                                     | Time         |                                                                                                                                  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |   |                                                                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| WSP-B-1-4'                                                                                                                                 | Grab         | SS                                                                                                                                                                                                                                                                                                                        | 4'             | 4/11/24                                                                                                                                  | 0945         | 3                                                                                                                                | X | X                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | X |                                                                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| WSP-B-1-6'                                                                                                                                 |              | SS                                                                                                                                                                                                                                                                                                                        | 6'             |                                                                                                                                          | 0950         | 1                                                                                                                                |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |   |                                                                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| WSP-B-1-8'                                                                                                                                 |              | SS                                                                                                                                                                                                                                                                                                                        | 8'             |                                                                                                                                          | 0955         | 1                                                                                                                                |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |   |                                                                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| WSP-B-2-10'                                                                                                                                |              | SS                                                                                                                                                                                                                                                                                                                        | 10'            |                                                                                                                                          | 1050         | 1                                                                                                                                |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |   |                                                                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| WSP-B-2-12'                                                                                                                                |              | SS                                                                                                                                                                                                                                                                                                                        | 12'            |                                                                                                                                          | 1055         | 1                                                                                                                                |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |   |                                                                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| WSP-B-2-15'                                                                                                                                |              | SS                                                                                                                                                                                                                                                                                                                        | 15'            |                                                                                                                                          | 1100         | 1                                                                                                                                |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |   |                                                                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| WSP-B-3-8'                                                                                                                                 |              | SS                                                                                                                                                                                                                                                                                                                        | 8'             |                                                                                                                                          | 1140         | 1                                                                                                                                |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |   |                                                                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| WSP-B-3-10'                                                                                                                                |              | SS                                                                                                                                                                                                                                                                                                                        | 10'            |                                                                                                                                          | 1150         | 1                                                                                                                                |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |   |                                                                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| WSP-B-3-15'                                                                                                                                |              | SS                                                                                                                                                                                                                                                                                                                        | 15'            |                                                                                                                                          | 1155         | 1                                                                                                                                |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |   |                                                                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| <del>WSP-B-3-18'</del>                                                                                                                     | <del>↓</del> | <del>SS</del>                                                                                                                                                                                                                                                                                                             | <del>18'</del> | <del>↓</del>                                                                                                                             | <del>↓</del> | <del>↓</del>                                                                                                                     |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |   |                                                                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| * Matrix:<br>SS - Soil AIR - Air F - Filter<br>GW - Groundwater B - Bioassay<br>WW - WasteWater<br>DW - Drinking Water<br>OT - Other _____ |              |                                                                                                                                                                                                                                                                                                                           |                | Remarks: <b>15' samples on hold analysis pending results of 2nd lowest depth in set</b><br>pH _____ Temp _____<br>Flow _____ Other _____ |              |                                                                                                                                  |   | Sample Receipt Checklist<br>COC Seal Present/Intact: <input checked="" type="checkbox"/> NP <input type="checkbox"/> N<br>COC Signed/Accurate: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N<br>Bottles arrive intact: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N<br>Correct bottles used: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N<br>Sufficient volume sent: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N<br>If Applicable<br>VOA Zero Headspace: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N<br>Preservation Correct/Checked: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N<br>RAD Screen <0.5 mR/hr: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N |   |                                                                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| Samples returned via:<br><input type="checkbox"/> UPS <input checked="" type="checkbox"/> FedEx <input type="checkbox"/> Courier           |              |                                                                                                                                                                                                                                                                                                                           |                | Tracking # <b>775905328689 7759 0528 9018</b>                                                                                            |              |                                                                                                                                  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |   |                                                                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| Relinquished by: (Signature)<br>                        |              | Date: <b>4/11/24</b>                                                                                                                                                                                                                                                                                                      |                | Time: <b>16:45</b>                                                                                                                       |              | Received by: (Signature)                                                                                                         |   | Trip Blank Received: <b>2</b> Yes/No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   | Temp: _____ °C Bottles Received: <b>9+1=1.0</b><br>If preservation required by Login: Date/Time |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| Relinquished by: (Signature)                                                                                                               |              | Date:                                                                                                                                                                                                                                                                                                                     |                | Time:                                                                                                                                    |              | Received by: (Signature)                                                                                                         |   | Temp: _____ °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   | Hold: _____ Condition: <b>NCF / OK</b>                                                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| Relinquished by: (Signature)                                                                                                               |              | Date:                                                                                                                                                                                                                                                                                                                     |                | Time:                                                                                                                                    |              | Received for lab by: (Signature)<br>         |   | Date: <b>4-13-24</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |   | Time: <b>9:00</b>                                                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |

|                                                                                                                                                            |  |                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                                                   |                 |                                                                                         |             |                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |                                         |  |  |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|-----------------------------------------|--|--|--|--|
| <b>Company Name/Address:</b><br><b>BPLAMP - WSP</b><br><br>18300 Redmond Way<br>Suite 200<br>Redmond, WA 98052                                             |  |                                                                                                                                                                                                                                                                                                                           |  | <b>Billing Information:</b><br><b>Chelsea Foster</b><br>18300 Redmond Way<br>Suite 200<br>Redmond, WA 98052<br><br>Email To: chelsea.foster@wsp.com<br><i>david.tully@wsp.com</i> |                 |                                                                                         |             | Chain of Custody Page <u>  </u> of <u>  </u><br><br><br><b>MT JULIET, TN</b><br>12065 Lebanon Rd Mount Juliet, TN 37122<br><small>Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubs/pas-standard-terms.pdf</small> |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |                                         |  |  |  |  |
| <b>Report to:</b><br><b>Chelsea Foster</b> <i>David Tully</i>                                                                                              |  |                                                                                                                                                                                                                                                                                                                           |  | <b>Project Description:</b>                                                                                                                                                       |                 |                                                                                         |             | <b>City/State</b><br>Collected: <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">PT</span> MT CT ET                                                                                                                                                                                                                                                                                          |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |                                         |  |  |  |  |
| <b>Phone:</b> 360-820-3400                                                                                                                                 |  | <b>Client Project #</b>                                                                                                                                                                                                                                                                                                   |  | <b>Lab Project #</b><br>BPLAMPWSP-CONWAY                                                                                                                                          |                 | NWTPHDX 4ozClr-NoPres<br>NWTPHGX 40mlAmb/MeOH10ml/Syr<br>V82608TEX 40mlAmb/MeOH10ml/Syr |             |                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |                                         |  |  |  |  |
| <b>Collected by (print):</b><br><i>Grant Buss</i>                                                                                                          |  | <b>Site/Facility ID #</b><br>US-EI-CW20383                                                                                                                                                                                                                                                                                |  | <b>P.O. #</b>                                                                                                                                                                     |                 |                                                                                         |             |                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |                                         |  |  |  |  |
| <b>Collected by (signature):</b><br><i>Grant Buss</i>                                                                                                      |  | <b>Rush? (Lab MUST Be Notified)</b><br><input checked="" type="checkbox"/> Same Day <input type="checkbox"/> Five Day<br><input type="checkbox"/> Next Day <input type="checkbox"/> 5 Day (Rad Only)<br><input type="checkbox"/> Two Day <input type="checkbox"/> 10 Day (Rad Only)<br><input type="checkbox"/> Three Day |  | <b>Quote #</b><br><br><b>Date Results Needed</b>                                                                                                                                  |                 |                                                                                         |             |                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |                                         |  |  |  |  |
| <b>Immediately</b><br>Packed on Ice N <input type="checkbox"/> Y <input checked="" type="checkbox"/>                                                       |  | <b>No. of Cntrs</b>                                                                                                                                                                                                                                                                                                       |  |                                                                                                                                                                                   |                 |                                                                                         |             |                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |                                         |  |  |  |  |
| <b>Sample ID</b>                                                                                                                                           |  |                                                                                                                                                                                                                                                                                                                           |  | <b>Comp/Grab</b>                                                                                                                                                                  | <b>Matrix *</b> | <b>Depth</b>                                                                            | <b>Date</b> | <b>Time</b>                                                                                                                                                                                                                                                                                                                                                                                                          |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |                                         |  |  |  |  |
| WSP-B-4-6'                                                                                                                                                 |  |                                                                                                                                                                                                                                                                                                                           |  | grab                                                                                                                                                                              | SS              | 6'                                                                                      | 4/11/24     | 12:30                                                                                                                                                                                                                                                                                                                                                                                                                | 3 | X | X | X                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |                                         |  |  |  |  |
| WSP-B-4-10'                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                                                   | SS              | 10'                                                                                     |             | 12:35                                                                                                                                                                                                                                                                                                                                                                                                                | 1 |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |                                         |  |  |  |  |
| WSP-B-4-15'                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                                                   | SS              | 15'                                                                                     |             | 12:40                                                                                                                                                                                                                                                                                                                                                                                                                | 1 |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |                                         |  |  |  |  |
| WSP-B-5-6'                                                                                                                                                 |  |                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                                                   | SS              | 6'                                                                                      |             | 14:15                                                                                                                                                                                                                                                                                                                                                                                                                | 1 |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |                                         |  |  |  |  |
| WSP-B-5-10'                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                                                   | SS              | 10'                                                                                     |             | 14:20                                                                                                                                                                                                                                                                                                                                                                                                                | 1 |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |                                         |  |  |  |  |
| WSP-B-5-15'                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                                                   | SS              | 15'                                                                                     |             | 14:25                                                                                                                                                                                                                                                                                                                                                                                                                | 1 |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |                                         |  |  |  |  |
| WSP-B-6-6'                                                                                                                                                 |  |                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                                                   | SS              | 6'                                                                                      |             | 14:45                                                                                                                                                                                                                                                                                                                                                                                                                | 1 |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |                                         |  |  |  |  |
| WSP-B-6-12'                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                                                   | SS              | 12'                                                                                     |             | 14:50                                                                                                                                                                                                                                                                                                                                                                                                                | 1 |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |                                         |  |  |  |  |
| WSP-B-6-15'                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                                                   | SS              | 15'                                                                                     |             | 14:55                                                                                                                                                                                                                                                                                                                                                                                                                | 1 |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |                                         |  |  |  |  |
| WSP-DUP-2                                                                                                                                                  |  |                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                                                   | SS              |                                                                                         |             |                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |                                         |  |  |  |  |
| <b>* Matrix:</b><br>SS - Soil    AIR - Air    F - Filter<br>GW - Groundwater    B - Bioassay<br>WW - Wastewater<br>DW - Drinking Water<br>OT - Other _____ |  |                                                                                                                                                                                                                                                                                                                           |  | <b>Remarks:</b><br>15' samples on hold analysis pending results of 2nd lowest depth inset                                                                                         |                 |                                                                                         |             | pH _____ Temp _____<br>Flow _____ Other _____                                                                                                                                                                                                                                                                                                                                                                        |   |   |   | <b>Sample Receipt Checklist</b><br>COC Seal Present/Intact: <input type="checkbox"/> NP <input checked="" type="checkbox"/> Y <input type="checkbox"/> N<br>COC Signed/Accurate: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N<br>Bottles arrive intact: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N<br>Correct bottles used: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N<br>Sufficient volume sent: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N<br>If Applicable<br>VOA Zero Headspace: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N<br>Preservation Correct/Checked: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N<br>RAD Screen <0.5 mR/hr: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N |  |  |  |                                         |  |  |  |  |
| <b>Samples returned via:</b><br><input type="checkbox"/> UPS <input checked="" type="checkbox"/> FedEx <input type="checkbox"/> Courier                    |  |                                                                                                                                                                                                                                                                                                                           |  | <b>Tracking #</b> 275905328689 7259 0528 9048                                                                                                                                     |                 |                                                                                         |             | Trip Blank Received: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br>HCL/MeOH TBR                                                                                                                                                                                                                                                                                                             |   |   |   | Bottles Received: <input checked="" type="checkbox"/> 97.1/1.0<br>If preservation required by Login: Date/Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |                                         |  |  |  |  |
| <b>Relinquished by: (Signature)</b><br><i>Grant Buss</i>                                                                                                   |  |                                                                                                                                                                                                                                                                                                                           |  | <b>Date:</b> 4/11/24 <b>Time:</b> 16:45                                                                                                                                           |                 |                                                                                         |             |                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  | <b>Received by: (Signature)</b>         |  |  |  |  |
| <b>Relinquished by: (Signature)</b>                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                           |  | <b>Date:</b> <b>Time:</b>                                                                                                                                                         |                 |                                                                                         |             |                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  | <b>Received by: (Signature)</b>         |  |  |  |  |
| <b>Relinquished by: (Signature)</b>                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                           |  | <b>Date:</b> <b>Time:</b>                                                                                                                                                         |                 |                                                                                         |             | <b>Received for lab by: (Signature)</b>                                                                                                                                                                                                                                                                                                                                                                              |   |   |   | <b>Date:</b> 4-13-24 <b>Time:</b> 9:00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  | <b>Hold:</b> <b>Condition:</b> NCF / OK |  |  |  |  |

**BPLAMP - WSP**

18300 Redmond Way  
Suite 200  
Redmond, WA 98052

Report to:

Chelsea Foster

Project Description:

Phone: 360-820-3400

Client Project #

Lab Project #

BPLAMPWSP-CONWAY

Collected by (print):

Graham Bussell

Site/Facility ID #

US-EI-CW20383

P.O. #

Collected by (signature):

Graham Bussell

Rush? (Lab MUST Be Notified)

☒ Same Day ☐ Five Day  
☐ Next Day ☐ 5 Day (Rad Only)  
☐ Two Day ☐ 10 Day (Rad Only)  
☐ Three Day

Quote #

Date Results Needed

No. of Cntrs

Packed on Ice N ☐ Y ☒

Sample ID

Comp/Grab

Matrix \*

Depth

Date

Time

WSP-B-7-8'

Grab

SS

8'

4/11/24

15:55

3

WSP-B-7-12'

↓

SS

12'

1600

WSP-B-7-15'

↓

SS

15'

1605

SS

SS

SS

SS

SS

SS

SS

\* Matrix:

SS - Soil AIR - Air F - Filter  
GW - Groundwater B - Bioassay  
WW - WasteWater  
DW - Drinking Water  
OT - Other

Remarks:

15' samples on hold analysis depending on results of the 2nd from 1605 depth. In set

Samples returned via:

☐ UPS ☐ FedEx ☒ Courier

Tracking #

775905328689

Relinquished by: (Signature)

Graham Bussell

Date:

4/11/24

Time:

16:45

Received by: (Signature)

Trip Blank Received: Yes/No

2

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp: °C

Bottles Received:

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date:

Time:

Hold:

Condition:

NCF / OK

Billing Information:

Chelsea Foster  
18300 Redmond Way  
Suite 200  
Redmond, WA 98052

Pres Chk

Email To: chelsea.foster@wsp.com

Analysis / Container / Preservative

Chain of Custody Page



MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122  
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: <https://info.pacelabs.com/hubs/pas-standard-terms.pdf>

SDG #

Table #

Acctnum: BPLAMPWSP

Template: T250109

Prelogin: P1066490

PM: 546 - Jared Starkey

PB: 3-29-24

Shipped Via:

Remarks

Sample # (lab only)

-20

-31

Hold -22

Sample Receipt Checklist

COC Seal Present/Intact: ☐ NP ☒ N  
COC Signed/Accurate: ☐ N ☒ N  
Bottles arrive intact: ☐ N ☒ N  
Correct bottles used: ☐ N ☒ N  
Sufficient volume sent: ☐ N ☒ N  
VIA Zero Headspace: ☐ N ☒ N  
Preservation Correct/Checked: ☐ N ☒ N  
RAD Screen <0.5 mR/hr: ☐ N ☒ N

pH \_\_\_\_\_ Temp \_\_\_\_\_

Flow \_\_\_\_\_ Other \_\_\_\_\_

TBR

OPA 7.94.12.18

4-13-24 9:00



|                                                                                                                                                                              |  |  |  |  |  |                                                                                                                                                                 |  |          |  |       |  |                                                        |  |      |  |         |  |                                                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------|--|-------|--|--------------------------------------------------------|--|------|--|---------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>BPLAMP - WSP</b><br>18300 Redmond Way<br>Suite 200<br>Redmond, WA 98052<br>Report to:<br><b>Chelsea Foster / David Tully</b><br>Project Description:<br><b>BP Conway</b>  |  |  |  |  |  | Billing Information:<br><b>Chelsea Foster</b><br>18300 Redmond Way<br>Suite 200<br>Redmond, WA 98052<br>Email To:<br>chelsea.foster@wsp.com;david.tully@wsp.com |  |          |  |       |  | Pres Chk                                               |  |      |  |         |  | Analysis / Container / Preservative                                                                                                                                        |  |  |  |  |  |  |  |  |  |  |  | Chain of Custody Page ____ of ____<br><br><br><b>Pace</b><br><small>PEOPLE ADVANCING SCIENCE</small><br><br><b>MT JULIET, TN</b><br><small>12065 Lebanon Rd Mount Juliet, TN 37122<br/>         Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at:<br/> <a href="https://info.pacelabs.com/hubfs/pas-standard-terms.pdf">https://info.pacelabs.com/hubfs/pas-standard-terms.pdf</a></small> |  |
|                                                                                                                                                                              |  |  |  |  |  |                                                                                                                                                                 |  |          |  |       |  |                                                        |  |      |  |         |  |                                                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Phone: <b>360-820-3400</b><br><br>Collected by (print):<br><i>Grant Buss</i><br>Collected by (signature):<br><i>Grant Buss</i><br>Immediately Packed on Ice N ___ Y <u>X</u> |  |  |  |  |  | Client Project #<br><b>US-EJ-3205231876</b><br><br>Site/Facility ID #                                                                                           |  |          |  |       |  | Lab Project #<br><b>BPLAMPWSP-CONWAY</b><br><br>P.O. # |  |      |  |         |  | Please Circle:<br><input checked="" type="radio"/> PT <input type="radio"/> MT <input type="radio"/> CT <input type="radio"/> ET<br><br>Quote #<br><br>Date Results Needed |  |  |  |  |  |  |  |  |  |  |  | No. of Cntrs                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| Sample ID                                                                                                                                                                    |  |  |  |  |  | Comp/Grab                                                                                                                                                       |  | Matrix * |  | Depth |  | Date                                                   |  | Time |  |         |  |                                                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| WSP-B-11-12'                                                                                                                                                                 |  |  |  |  |  | grab                                                                                                                                                            |  | SS       |  | 12'   |  | 4/12/24                                                |  | 1225 |  | 3 X X X |  |                                                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| WSP-B-11-15'                                                                                                                                                                 |  |  |  |  |  |                                                                                                                                                                 |  | SS       |  | 15'   |  | 4/12/24                                                |  | 1230 |  | 1       |  |                                                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| WSP-DUP-3                                                                                                                                                                    |  |  |  |  |  |                                                                                                                                                                 |  | SS       |  | NA    |  |                                                        |  | NA   |  |         |  |                                                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| WSP-Air-4                                                                                                                                                                    |  |  |  |  |  |                                                                                                                                                                 |  | SS       |  |       |  |                                                        |  |      |  |         |  |                                                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| WSP-Air-5                                                                                                                                                                    |  |  |  |  |  |                                                                                                                                                                 |  | SS       |  |       |  |                                                        |  |      |  |         |  |                                                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| WSP-B-12-8'                                                                                                                                                                  |  |  |  |  |  |                                                                                                                                                                 |  | SS       |  | 8'    |  |                                                        |  | 1315 |  |         |  |                                                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| WSP-B-12-12'                                                                                                                                                                 |  |  |  |  |  |                                                                                                                                                                 |  | SS       |  | 12'   |  |                                                        |  | 1320 |  |         |  |                                                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| WSP-B-12-15'                                                                                                                                                                 |  |  |  |  |  |                                                                                                                                                                 |  | SS       |  | 15'   |  |                                                        |  | 1325 |  | V V V V |  |                                                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                                                                                                                                                                              |  |  |  |  |  |                                                                                                                                                                 |  | SS       |  |       |  |                                                        |  |      |  |         |  |                                                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                                                                                                                                                                              |  |  |  |  |  |                                                                                                                                                                 |  | SS       |  |       |  |                                                        |  |      |  |         |  |                                                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |

|                                                                                                                                                                             |  |  |  |                                                                 |  |  |  |                                                                                                                                                                               |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|-----------------------------------------------------------------|--|--|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| * Matrix:<br>SS - Soil   AIR - Air   F - Filter<br>GW - Groundwater   B - Bioassay<br>WW - WasteWater<br>DW - Drinking Water<br>OT - Other _____                            |  |  |  | Remarks: <i>Hold 15' samples pending results of 12' samples</i> |  |  |  | pH _____ Temp _____<br>Flow _____ Other _____                                                                                                                                 |  |  |  |
| Samples returned via:<br><input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input checked="" type="checkbox"/> Courier                                            |  |  |  | Tracking #                                                      |  |  |  | Relinquished by : (Signature)<br><i>Grant Buss</i><br>Date: 4/12/24 Time: 1436<br>Received by: (Signature) _____<br>Trip Blank Received: Yes / <u>No</u><br>HCL / MeOH<br>TBR |  |  |  |
| Relinquished by : (Signature)<br><br>Date: _____ Time: _____<br>Received by: (Signature) _____<br>Temp: <u>17.0°C</u> Bottles Received: <u>54</u><br><u>1.70 L ± 0.05 L</u> |  |  |  | If preservation required by Login: Date/Time                    |  |  |  |                                                                                                                                                                               |  |  |  |
| Relinquished by : (Signature)<br><br>Date: _____ Time: _____<br>Received for lab by: (Signature)<br><i>Charles Stevenson</i><br>Date: 4-13-24 Time: 9:00                    |  |  |  | Hold: _____ Condition: <u>NCF / OK</u>                          |  |  |  |                                                                                                                                                                               |  |  |  |

| Sample Receipt Checklist           |                     |
|------------------------------------|---------------------|
| COC Seal Present/Intact: <u>NP</u> | <u>X</u> Y <u>N</u> |
| COC Signed/Accurate:               | <u>X</u> Y <u>N</u> |
| Bottles arrive intact:             | <u>X</u> Y <u>N</u> |
| Correct bottles used:              | <u>X</u> Y <u>N</u> |
| Sufficient volume sent:            | <u>X</u> Y <u>N</u> |
| If Applicable                      |                     |
| VOA Zero Headspace:                | <u>Y</u> Y <u>N</u> |
| Preservation Correct/Checked:      | <u>Y</u> Y <u>N</u> |
| RAD Screen <0.5 mR/hr:             | <u>X</u> Y <u>N</u> |



[wsp.com](http://wsp.com)