Adapt Consulting
617 - 8th Avenue South
Seattle, WA 98104

Tel: (206) 654-7045
AdaptNW.com

June 19, 2024

Adapt Project No. WA24-20621-REM

Islamic Center of Puget Sound (ICOPs)
15709 Highway 99
Lynnwood, WA 98087

Attention: Mr. Adama Jeng

Subject: Independent Remedial Action (IRA) Report
ICOPS Property
Snohomish County Parcel Nos. 003729-002-018-03 & 003729-002-018-10
15703 Highway 99
Lynnwood, Washington 98087

Dear Mr. Adama Jeng

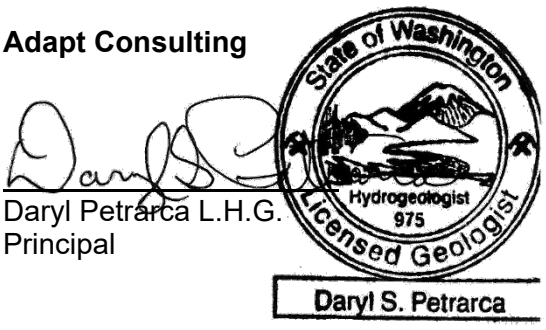
Adapt Consulting (Adapt) is pleased to provide you with the results of our Independent Remedial Action (IRA) for the above-referenced site. This IRA report is provided for ICOPs and their agents. If this report is to be reproduced and/or transmitted to a third party, it must be reproduced and/or transmitted in its entirety. Any exceptions will be made only with the written permission of Adapt. This work was authorized by Adama Jeng in the form of a proposal (Adapt Proposal Number P-5858, dated February 26, 2024) and signed on April 10, 2024, via email.

Adapt intends to help you present this IRA report to the Washington State Department of Ecology (Ecology) to request a No Further Action Letter regarding the limited soil impacts documented on the subject property. This IRA has utilized the simplest Model Remedy (Model Remedy 1) for petroleum hydrocarbon contaminated soils (excavation and disposal) as the contaminant distribution and concentrations where extremely limited in vertical and horizontal extent and no documented evidence of contaminant impacted groundwater.

Adapt appreciates the opportunity to be of service to you on this project. Should you have any questions concerning this report, or if we can assist you in any way, please feel free to contact us at (206) 654-7045.

Respectfully Submitted,

Adapt Consulting



Daryl Petrarca L.H.G.
Principal

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1.0 Executive Summary

The subject property consists of a single tax parcel, Snohomish County parcel number 003729-002-018-10, addressed at 15703 Highway 99 in Lynnwood, Washington. The subject property is listed with a reported area of 1.01 acres and developed with one commercial-general retail type structure with a reported floor area of 1,140 square feet, reportedly built in 1962.

Adapt performed a Model Toxics Control Act (MTCA) Model Remedy 1 (excavation and removal of petroleum hydrocarbon (motor oil) contaminated soils the subject property on May 20 and 21st, 2024. Previous Remedial Investigations (RI) by Adapt occurring since 2016 on the subject site indicated that three primary Areas of Concern (AOC) Area A, Area B, Area C (see Figure 4) may have had subsurface motor oil impacted soils based upon the results of observation and previous subsurface testing results as described in Section 2.0. The exact lateral and vertical extent of possible soil contamination impacts was not completely documented until the current IRA which involved observation, field screening, excavation, and removal of impacted soils in the three AOC. After excavation, 15 confirmation soil samples (5 from each AOC) were collected to document the effectiveness of the IRA.

Five (5) confirmation soil samples each from each AOC (Area A, Area B, and Area C) were analyzed for TPHDx, TPHGx, and VOCs by 8260. Twelve (12) soil samples upon analysis were non- detect for all analytes. Three (3) samples exhibited minor concentrations of TPH-Dx that were well below Model toxics Control Act Method A Clean-up levels of 2000 mg/kg (See Table 1 for past RI Analytical results and Table 2 for current IRA Analytical results).

Previous RIs performed by Adapt on the subject property ruled out potential impacts to groundwater due to soil types (shallow depth fill overlying dense glacial till) and depth to groundwater greater than 23 feet based on the results of boring B-01 and groundwater depths reported at greater than 100 feet below ground surface (bgs in well logs in the vicinity.

Historically the subject property has been paved with asphalt and concrete and reportedly used for auto sales. No significant past repair or fueling activities were documented. There is no documented historical use of Under Ground Storage Tanks (UST) or underground hydraulic lifts on the property. Some undocumented amount of used oil changing was performed on site by the tenant over the last approximate 8 years. Used motor oil was observed by Adapt contained in several fifty-five (55) gallon drums along with various car parts (in AOC A, B, C) stored on asphalt or concrete without secondary containment. The amount of visible oily staining in the three AOC ground surfaces appeared moderately to highly stained and shallow soil samples from previous RI work suggested some degree of penetration of petroleum hydrocarbons into the subsurface soils to undocumented depths. The results of this IRA documents that the AOC soils were superficially impacted and there was no evidence of significant impacts to soils deeper than one (1) to two (2) feet bgs in the AOC assessed and remediated.

In Adapt's professional opinion the subject property petroleum hydrocarbon impacts proved (after the IRA analytical results) to be di minimus in nature and would not normally need to be reported to Ecology, however the property is undergoing a real estate property transfer and the borrower's Lender is requiring a No Further Action Letter regarding this IRA as a condition for the property transfer loan since the lender will hold an equity position in the purchase of the property.

In that regard Adapt presents this IRA document for Ecology's review and requests a No Further Action letter, based upon the straightforward Model Remedy 1 of excavation and removal of contaminated soils with no documented groundwater impacts and no Terrestrial impacts.

2.0 Project Background / Prior Environmental Assessments/Remedial Investigations

A summary of previous RI work performed on the subject site follows.

Prior Phase I Environmental Site Assessment (2015) by others

Adapt reviewed a Phase I Environmental Site Assessment (ESA) report, dated October 28, 2015, prepared by Krazan & Associates, Inc. (Krazan), which included the subject property and select adjoining properties. The Krazan Phase I identified the historic operation of automotive sales facilities on parcel number 003729-002-018-10 addressed as 15703 Highway 99, Lynnwood, WA.

Adapt Exterior Reconnaissance (2016)

Adapt completed an initial exterior reconnaissance of the subject property on June 7, 2016. Adapt observed petroleum hydrocarbon product and possible petroleum hydrocarbon staining on the asphalt and concrete surface on the east side of the automotive sales facility located at 15703 Highway 99 (parcel number 003729-002-018-10).

Adapt Limited Phase II Screen (2016)

Based on the findings of Adapt's exterior reconnaissance, a Limited Phase II Screen was completed to assess the area listed above for possible impacts from petroleum product or hazardous chemical impacts. The Limited Phase II Screen was completed in two phases. The first phase consisted of the completion of sub-slab soil gas sampling and the second phase consisted of soil sampling through the completion of multiple direct push borings and one hand auger boring. (see Appendix A, Table 1 Tab Soils/sub slab soil vapor Analytical results and Figure 3 for boring locations)

Sub-Slab Soil Gas Sampling

The sub-slab soil gas sampling SG-3 was completed on June 20, 2016, at one location beneath the automotive sales / service building located at 15703 Highway 99.

The results of the sub-slab soil gas sampling work indicated low level petroleum product and chlorinated solvent impacts to soil vapor beneath the automotive sales / service-related building on the subject property. The sub-slab soil gas sampling location was generally situated in the area closer to the central portion of the on-site building as contaminant vapors tend to accumulate beneath the central portions slab foundations. The detected contaminant concentrations were all below the Ecology sub-slab soil gas screening levels. (see Appendix A, Table 1)

Direct Push Borings and Soil Sampling

A total of two direct push borings (SP-4 and SP-5) and one hand auger boring (HA-1) were completed on July 21, 2016, at the subject property (See Figure 3) The observed soils at all drilling locations generally consisted of silty and gravelly sand (fill material) from a depth range of approximately 0 to 6 feet below ground surface (bgs). The underlying soils down to a depth of approximately 11.5 feet bgs generally consisted of compact silty/clay/sand with trace amounts of gravel (inferred to be glacial till). No zones of perched groundwater were observed during the drilling activities.

Gasoline, diesel, and motor oil range total petroleum hydrocarbons (TPH) were detected at concentrations above their respective Ecology Model Toxics Control Act (MTCA) Method A Soil Cleanup Levels (CULs) in the soil sample collected from boring HA-1 at a depth of approximately 0 to 0.5 feet bgs. Benzene, toluene, ethylbenzene, xylenes, and naphthalene were also detected above at concentrations above their respective Method A Soil CULs in the soil sample collected from boring HA-1 at a depth of approximately 0 to 0.5 feet bgs. No significant contaminant concentrations were detected in the soil samples collected from borings SP-4 (10 to 11.5 feet bgs) and SP-5 (0 to 2 feet bgs) that were completed on the east side of the automotive sales facility building. No chlorinated solvents were detected in the soil samples collected from borings HA-1, SP-4, and SP-5.

On December 26, 2023, one boring (B-01) was completed in an assumed (based upon topography) downgradient location relative to AOC C using hollow stem auger drilling methods to a maximum depth of approximately 23 feet bgs where drilling refusal was encountered and sampled to a maximum depth of approximately 20.5 feet bgs at the location depicted on Figure 3.

It should be noted that while groundwater sampling was proposed to be completed, no groundwater samples were collected as part of this Additional Phase II Screen as groundwater was not observed during the completed drilling activities to a depth of 23 feet. Groundwater is believed to be greater that 100 feet in the subject site area although perched zones of groundwater may exist in the vicinity.

Previous RI Quantitative Results

Total Petroleum Hydrocarbons

Motor oil range TPH was detected at a concentration of 2,100 ppm in the soil sample collected from boring SB-07 at a depth of approximately 0-to-1-foot bgs, which is above the State of Washington Department of Ecology (Ecology) Model Toxics Control Act (MTCA) Method A Soil cleanup level (CUL) of 2,000 ppm. Motor oil range TPH was also detected at a concentration of 340 ppm in the soil sample collected from boring SB-03 at a depth of approximately 0-to-1-foot bgs, which is below the MTCA Method A Soil CUL of 2,000 ppm. Motor oil range TPH was not detected at concentrations above the laboratory reporting limits in the remaining submitted soil samples collected from borings SB-01 through SB-07 and B-01.

Gasoline and diesel range TPH were not detected at concentrations above the laboratory reporting limits in the submitted soil samples collected from borings SB-01 through SB-07 and B-01.

VOCs

Toluene, ethylbenzene and xylenes were detected at relatively low concentrations in the soil sample collected from boring B-01 at a depth of approximately 0-to-1-foot bgs, however, these concentrations were significantly below their respective MTCA Method A Soil CULs. No other VOCs were detected at concentrations above the laboratory reporting limits in the submitted soil samples collected from borings SB-01 through SB-07 and B-01.

Metals

Arsenic, chromium, and lead were detected at relatively low concentrations in the submitted soil samples collected from borings SB-01 through SB-07 and B-01. The detected metals concentrations were below their respective Ecology MTCA Method A Soil CULs and below the background metals concentrations for the Puget Sound region[1].

Soil analytical test results for the RI are summarized in Table 2. The final analytical laboratory reports are included in Appendix D.

Adapt Exterior Reconnaissance (2023)

Adapt completed an updated exterior reconnaissance of the subject property on November 22, 2023.

Parcel Number 003729-002-018-10 (15703 Highway 99)

Adapt observed isolated and small-scale areas of possible petroleum hydrocarbon surface staining on the cracked asphalt pavement generally located east of the automotive sales / service building. Adapt also observed (2) un-labeled 55-gallon drums with undocumented contents (reportedly used motor oil by tenant) located near the southern fence line east of the automotive sales / service building (AOC-C). Automotive parts (transmission, wheels, floor mats, etc.) were also observed on the ground surface in areas generally located east of the automotive sales / service building (AOC-C). Significant surficial oil like staining, on asphalt and concrete, two (2) 55-gallon drums of unknown contents (reportedly used motor oil by tenant) and various auto parts were observed in AOC A and B.

Adapt's exterior reconnaissance of the west parcel portion of the subject property (parcel number 003729-002-018-10 did not document any large-scale areas of petroleum oil surface staining on the cracked asphalt surface cover.

Parcel Number 003729-002-018-03 (Vacant)

The eastern parcel of the subject property consisted of a vacant (undeveloped) lot. A concrete slab for a former building was observed near the northern portion of this parcel, with the remainder of the parcel generally consisted of gravel and grass surface land with scattered trees. Adapt's exterior reconnaissance of the east parcel portion of the subject property (parcel number 003729-002-018-03 did not document any areas of petroleum oil surface staining on the ground surface.

[1] Natural Background Soil Metals Concentrations in Washington State, Washington State Department of Ecology, Publication #94-115, October 1994

3.0 IRA ACTIVITIES

This IRA has utilized the simplest Model Remedy for petroleum hydrocarbon contaminated soils (excavation and disposal), Model Remedy 1, since the contaminant distribution and concentrations where extremely limited in vertical and horizontal extent and no documented evidence of contaminant impacted groundwater or Terrestrial impacts (see Appendix B).

3.1 Pre- IRA Soil Excavation Activities

Underground Utility Locate

To avoid damaging subsurface utilities and creating potential life-threatening conditions, the Underground Utilities Locating Center of Washington was contacted to locate all subsurface utilities at or near the subject property prior to drilling. Mt. View Locating Services, LLC (Mt. View), a private locate company, was contracted to locate those private utilities that, by policy, the public utility companies would not locate.

3.2 Contaminated Soil Excavations

On May 20, 2024, and May 21, 2024, three soil excavations in AOC A, B, and C) to a maximum depth of approximately 2.5 feet bgs at the locations depicted on Figures 4 through 7.

The excavations were completed using a track-mounted backhoe under subcontract to ICOPs. The excavations were supervised, sampled, and logged by an Adapt Licensed Geologist. Soil confirmation closure samples were collected from the completed excavations using handheld sampling equipment. All sampling equipment was thoroughly cleaned prior to and after each sampling episode.

Five confirmation soil samples were collected from the north, south, east, west sidewalls and bottom from each completed AOC excavation and samples were segregated for further field evaluation. Recovered soil samples were collected from each exploration for description, screening, observation for field indications (visual and olfactory) of impact. Discrete soil samples for volatile compounds were collected in compliance with EPA Method 5035A. Samples were collected using a graduated syringe to collect an approximately 5-gram soil sample. The soil samples were then placed in an empty 40mL VOA vial with a polyethylene lid with septum. A total of approximately 20 grams of soil were collected in a set of four 40mL VOA vials for each discrete soil sample. The discrete soil samples for non-volatile compounds were collected using a gloved hand and transferred to a clean 4-ounce glass jar with a Teflon® lined lid. The jars were filled minimizing headspace. A field split was then allowed to sit in a warm environment for approximately 5 to 10 minutes. The resulting headspace was screened by inserting a Photoionization detector (PID) probe into the sample container. The PID screen provided a qualitative assessment of total volatile organic constituent concentration in the sample headspace and provided a basis for selection of samples to be submitted for quantitative laboratory analyses. All Soil samples were immediately taken to Libby Environmental' s onsite mobile laboratory for quick turn around results.

A total of five soil samples from each of the AOC excavations (total of fifteen) soil samples were analyzed for the following:

- Gasoline-range total petroleum hydrocarbons (TPH) by Ecology Method NWTPH-Gx.
- Diesel and heavy oil-range TPH by Ecology Method NWTPH-Dx.
- Volatile organic compounds (VOCs) by EPA Method 8260.

4.0 IRA RESULTS

4.1 IRA Subsurface Conditions – Soil

A total of 25 tons of soil were excavated and transported to the Iron Mountain Quarry, LLCs Granite Falls Quarry on May 20. (see excavation disposal receipts in Appendix D) from AOC A, B, and C.

Cover consisted of asphalt/concrete at excavation locations A and B. Excavation C was covered primarily with cracked asphalt. Earlier subsurface exploration work in this area generally disclosed gravelly, silty sand or silt with variable sand and gravel located directly beneath the surface cover material to a depth of approximately 1 to 6-feet bgs.

The underlying soils in this area generally consisted of silt with clay and variable amounts of small, rounded gravel that extended to a depth of approximately 5 to 6 feet bgs, which was interpreted to likely be weathered glacial till. More compact silt with clay and variable amounts of small, rounded gravel were generally observed at depths ranging from approximately 6 to 20 feet bgs. Larger rounded gravel was observed interbedded with the silt/clay at a depth of approximately 23 feet bgs.

4.2 IRA Quantitative Analysis (soil)

The total of fifteen (15) confirmation soil samples from excavations A, B, and C generally did not exhibit obvious signs of contaminant impacts such as petroleum product stains or odors during our field screening activities.

Of the fifteen (15) submitted soils sample for analysis only thee soil samples had detectable levels of contaminants. These samples were 20621-B-WW, which exhibited a NWTPH/Dx concentration of 920 mg/kg, 2061-B- EW exhibited a NWTPH/ Dx concentration of 720mg/kg and 20621-C-SE exhibited a NWTPH/Dx concentration of 310mg/kg, all of which are below the Model Toxics Control Act (MTCA) Method A clean-up level of 2000 mg/kg (see Appendix C). All other confirmation soil samples were non-detect for all analytes tested for (See Appendix A, Table 2 Tab)

4.3 Subsurface Conditions - Groundwater

As previously noted, the encountered soils were either dry or only slightly moist in nature and groundwater was not observed during the drilling work to the maximum depth explored of approximately 23 feet bgs at the time of drilling on December 18, 2023, and December 26, 2023. Based on the completed soil sampling results and the lack of a perched groundwater zone within at least 23 feet bgs, it appears unlikely that possible deeper groundwater beneath the subject property has been impacted by the documented surficial petroleum products releases, which

appear to be isolated and small-scale vertically and horizontally. Groundwater was not encountered in current AOC excavations A, B, and C.

5.0 CONCLUSIONS

The scope of work for this IRA was selected to further assess the lateral and vertical extent of petroleum hydrocarbon impacts to soil and groundwater (if encountered) remediate impacts in areas where oil surfacing staining has recently been documented and in an area where prior near-surface soil sampling documented shallow depth elevated petroleum hydrocarbon impacts. Given what appeared to be limited contaminant impacts based on prior testing and observation of surface impacts (staining) Ecology's simplest Model Remedy 1 (excavation and disposal of contaminated soils) was chosen for this IRA. We are presenting this IRA information to Ecology at the request of our client and their lender to officially request Ecology's review for a No Further Action Letter

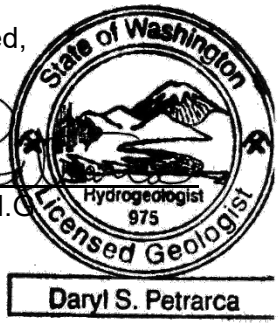
6.0 LIMITATIONS

Information contained in this report is based upon site characterization, field observations, and the laboratory analyses completed for this study. Conclusions presented are professional opinions based upon our interpretation of the analytical laboratory test results, as well as our experience and observations during the field activities. The location and depth of the explorations, as well as the analytical scope were completed within the subject property and proposal constraints. Adapt's observations and the analytical data are limited to the vicinity of each sampling location in AOC and do not necessarily reflect conditions across the subject property. No other warranty, express or implied, is made. If additional information regarding either the subject property or surrounding properties becomes known, or changes to existing conditions occurs, the conclusions in this report should be reviewed, and if necessary, revised to reflect the updated information. Project specific limitations are presented in the appropriate sections of this report.

This report has been prepared for the exclusive use of Islamic Center of Puget Sound and their agents for specific application to the subject property. Use or reliance upon this report by a third is at their own risk. Adapt does not make any representation or warranty, express or implied, to such other parties as to the accuracy or completeness of this report or the suitability of its use by such other parties for any purpose whatever, known or unknown, to Adapt.

Adapt appreciates the opportunity to be of service to you on this project. Should you have any questions concerning this report, or if we can assist you in any way, please contact us at (206) 654-7045.

Respectfully Submitted,



Daryl S. Petrarca, L.H.G.
Principal

APPENDIX A

FIGURES AND TABLES

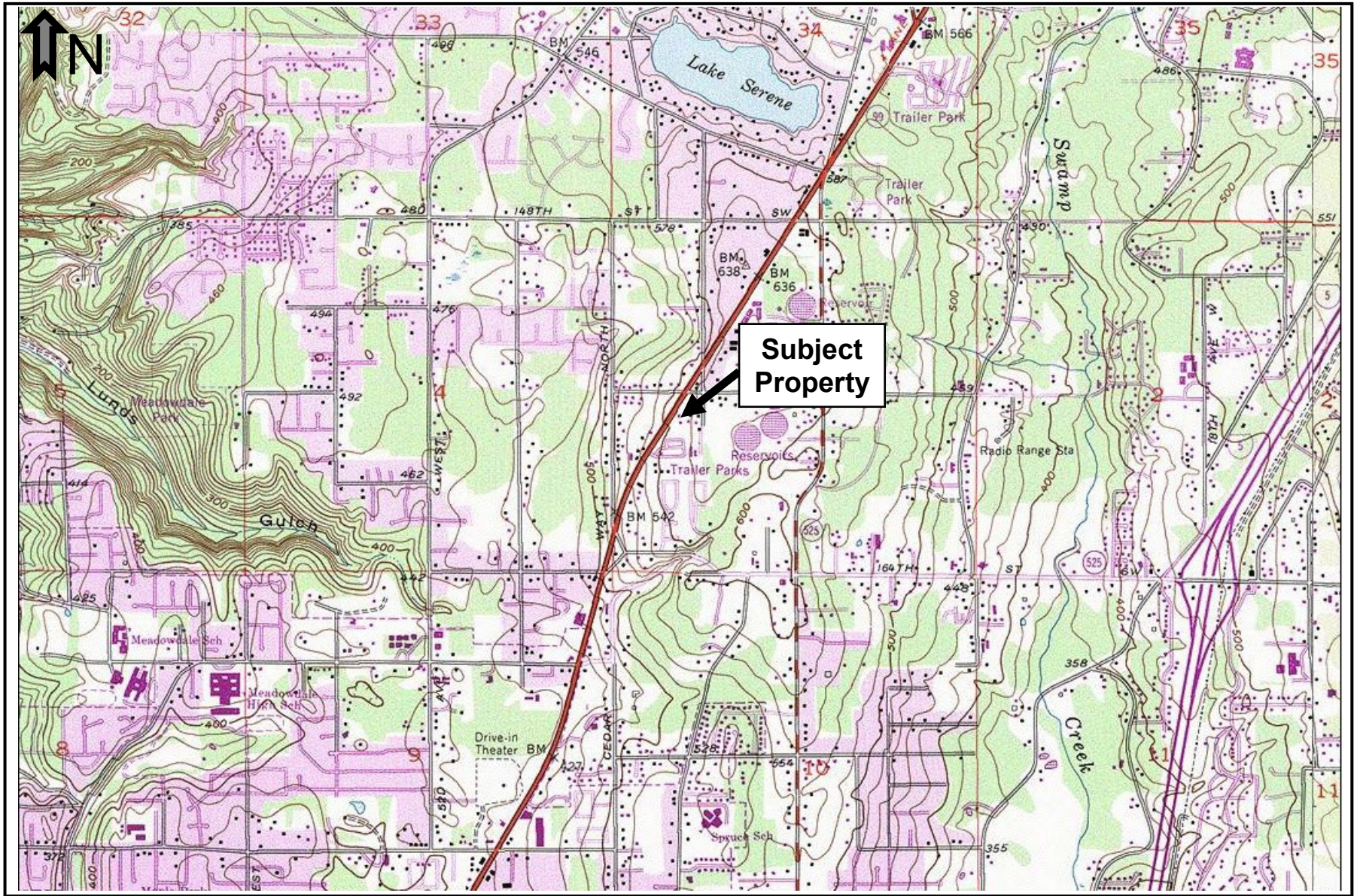


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FIGURE 1 – Location/Topographic Map
Location: ICOPS Property Sale Parcels
15703 Highway 99
Lynnwood, Washington 98087
Client: **ICOPS**
Date: 06/19/24 **Job #:** WA23-20621-REM

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FIGURE 2 – Parcel Map / 2022 Aerial Photograph
Location: ICOPS Property Sale Parcels
15703 Highway 99
Lynnwood, Washington 98087
Client: **ICOPS**
Date: 06/19/24 **Job #:** WA23-20621-REM

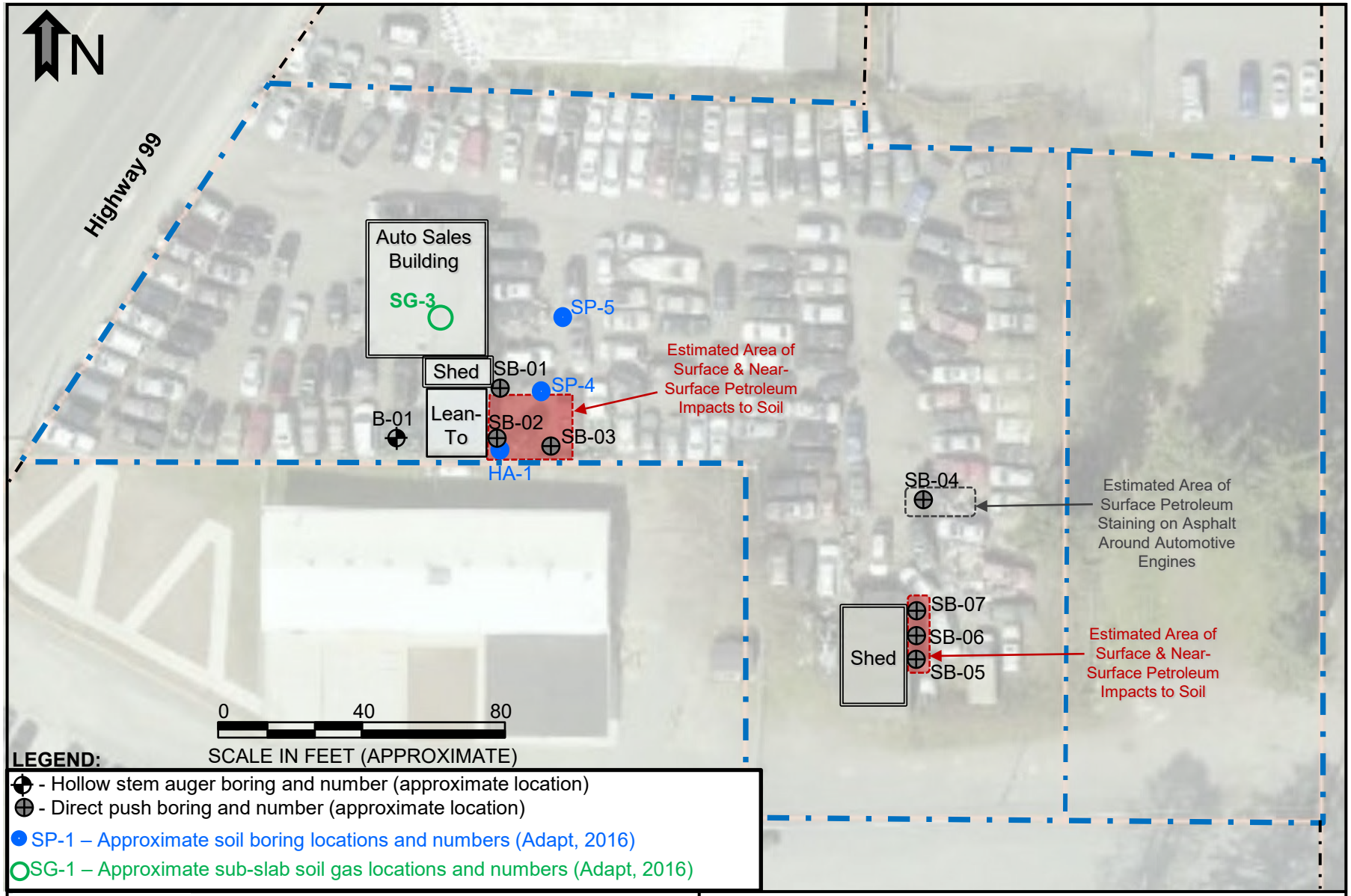

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FIGURE 3 – Previous Exploration Plan / 2022 Aerial Photo
Location: ICOPS Property Sale Parcels
15703 Highway 99
Lynnwood, Washington 98087
Client: **ICOPS**
Date: 06/19/24 **Job #:** WA23-20621-REM

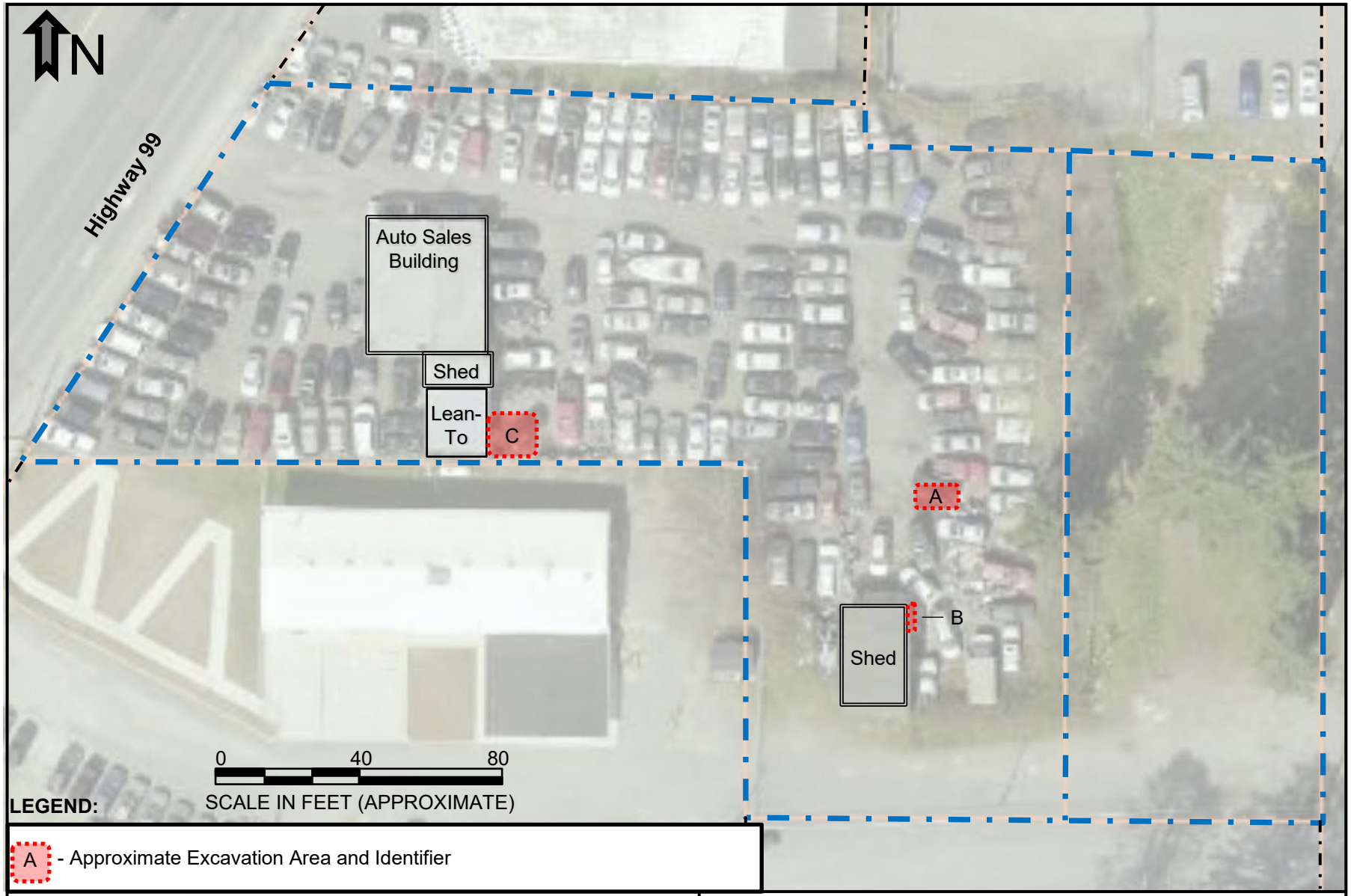

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FIGURE 4 – Remediation Plan / 2022 Aerial Photograph
Location: ICOPS Property Sale Parcels
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Lynnwood, Washington 98087
Client: **ICOPS**
Date: 06/19/24 **Job #:** WA23-20621-REM

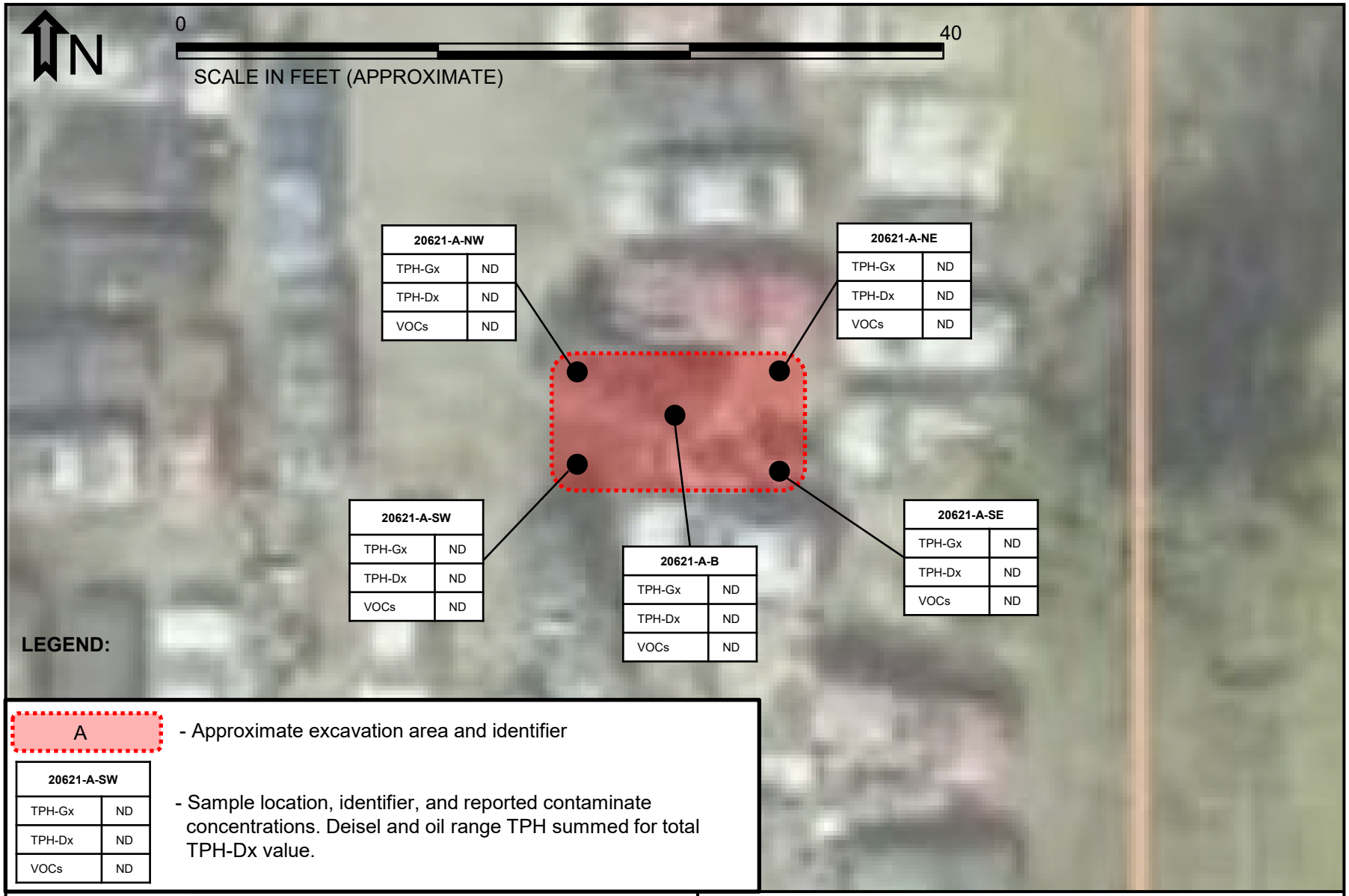

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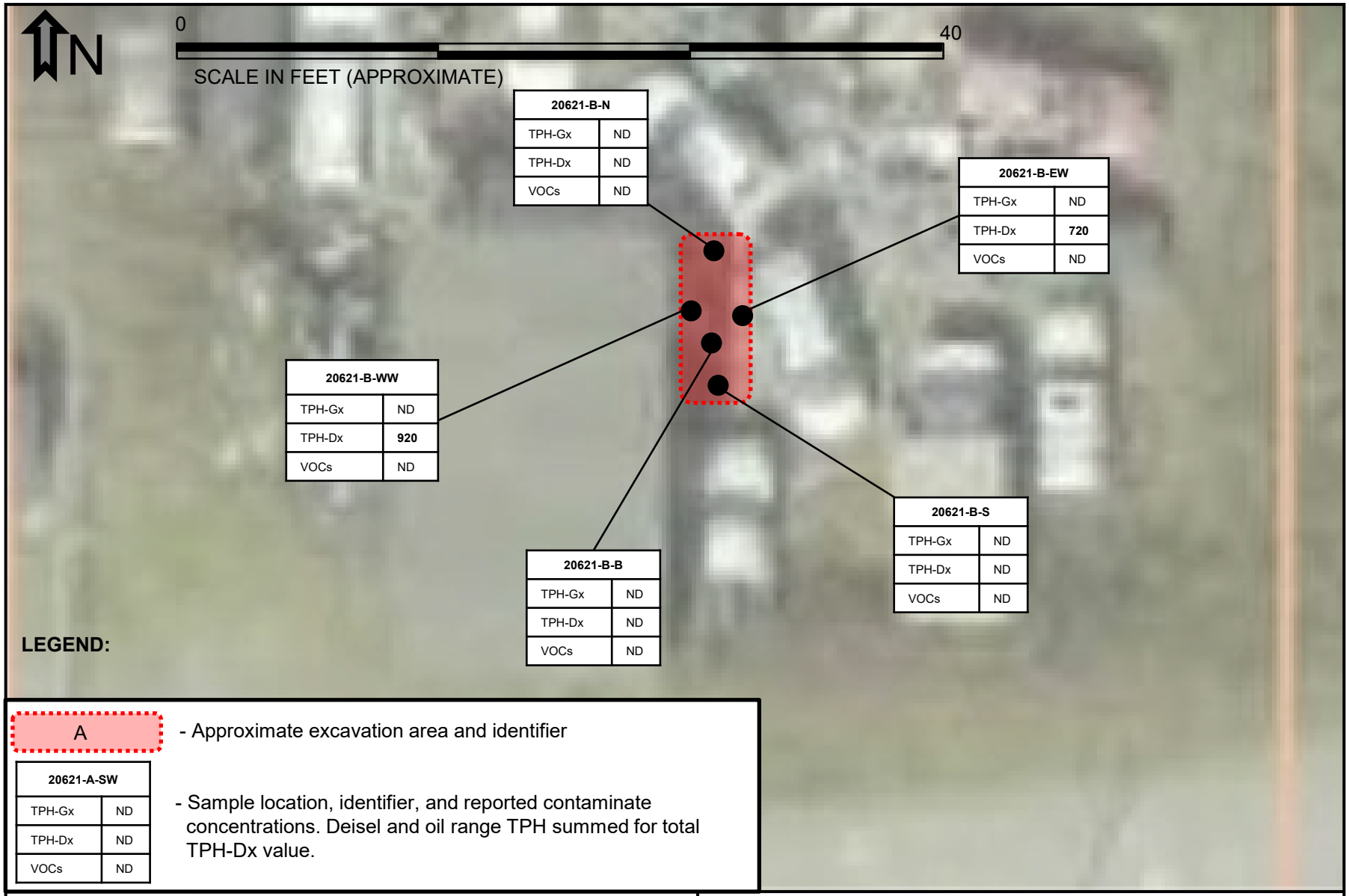
FIGURE 5 – Remediation Plan (Area A) / 2022 Aerial Photo
Location: ICOPS Property Sale Parcels
15703 Highway 99
Lynnwood, Washington 98087
Client: **ICOPS**
Date: 06/19/24 **Job #:** WA23-20621-REM



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Tel: (206) 654-7045

FIGURE 6 – Remediation Plan (Area B) / 2022 Aerial Photo
Location: ICOPS Property Sale Parcels
15703 Highway 99
Lynnwood, Washington 98087
Client: **ICOPS**
Date: 06/19/24 **Job #:** WA23-20621-REM

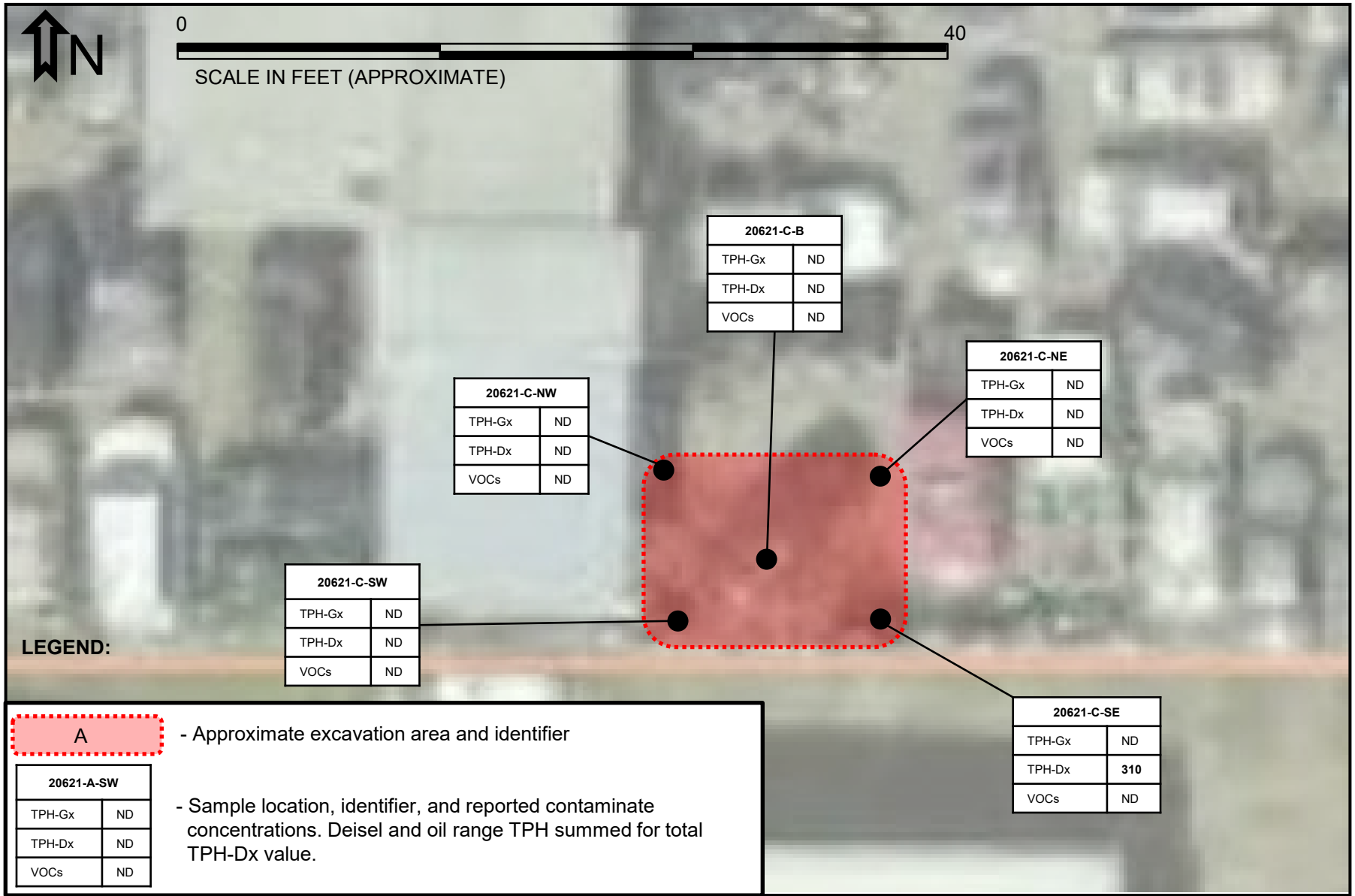

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FIGURE 7 – Remediation Plan (Area C) / 2022 Aerial Photo
Location: ICOPS Property Sale Parcels
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Lynnwood, Washington 98087
Client: **ICOPS**
Date: 06/19/24 **Job #:** WA23-20621-REM

Table 1 - Summary of Sub-Slab Soil Gas Analytical Results

Sample No.	APH EC5-8 Aliphatics	APH EC9-12 Aliphatics	APH EC9-10 Aromatics	PCE	TCE	Cis-1,2-DCE	1,1,1-Trichloroethane	Vinyl Choride	Methylene chloride	All Other Tested Chlorinated Solvents
SG-1	280	110	ND(<50)	NT	NT	NT	NT	NT	NT	NT
SG-2	22,000 (ve)	**7,700**	260	5.1	ND(<2.7)	ND(<2)	ND(<2.7)	ND(<1.3)	ND(<87)	ND
SG-3	1,000	330	ND(<50)	2.0	ND(<0.54)	ND(<0.4)	2.0	ND(<0.26)	44	ND
SG-4	84	ND(<70)	ND(<50)	2.2	ND(<0.54)	ND(<0.4)	0.98	ND(<0.26)	21	ND
MTCA Method B 2015 Sub-Slab Soil Gas Screening Level (ug/m^3)	90,000	4,700	6,000	320	12.3	3.2	76,190	9.3	8,333	Varies

MTCA = Model Toxics Control Act
All concentrations given in micrograms per cubic meter (ug/m^3)
PCE = tetrachloroethylene; T CE = trichloroethylene; DCE = dichloroethene
ND = Not detected above the laboratory reporting limit
NT = Not tested
ve = The analyte response exceeded the valid instrument calibration range. The value is reported as an estimate
Bolded values indicate exceedance of the MTCA Method B 2015 Sub-Slab Soil Gas Screening Levels

Table 2 - Summary of Soil Analytical Results

Sample ID	SP-4	SP-5	HA-1	SB-01		SB-02		SB-03		SB-04		SB-05		SB-06		SB-07		B-01	MTCA Method A Cleanup Level	Puget Sound Regional 90th Percentile Values
Date		7/21/2016		12/18/2023														12/26/2023		
Depth	10-11.5'	0-2'	0-0.5'	0-1'	9-10'	0-1'	9-10'	0-1'	9-10'	0-1'	9-10'	0-1'	9-10'	0-1'	9-10'	0-1'	9-10'	0-1'		
PID (ppm)	0	8.2	1,604	1.3	1.0	0.9	0.7	1.1	2.5	1.2	1.7	2.0	1.7	1.6	2.1	1.0	2.1	2.2		
TPH-G	ND(<2)	ND(<2)	**3,900**	ND(<5)	ND(<5)	ND(<5)	ND(<5)	ND(<5)	ND(<5)	ND(<5)	ND(<5)	ND(<5)	ND(<5)	ND(<5)	ND(<5)	ND(<5)	ND(<5)	ND(<5)	30 / 100 (a)	
TPH-D	ND(<50)	ND(<50)	**5,000 (x)**	ND(<50)	ND(<50)	ND(<50)	ND(<50)	ND(<50)	ND(<50)	ND(<50)	ND(<50)	ND(<50)	ND(<50)	ND(<50)	ND(<50)	ND(<50)	ND(<50)	ND(<50)	2,000	NV
TPH-MO	ND(<250)	ND(<250)	**8,900**	ND(<250)	ND(<250)	ND(<250)	ND(<250)	**340**	ND(<250)	ND(<250)	ND(<250)	ND(<250)	ND(<250)	ND(<250)	ND(<250)	**2,100**	ND(<250)	ND(<250)	2,000	
Benzene	ND(<0.03)	ND(<0.03)	**6.7 / 5.3**	ND(<0.001)	ND(<0.001)	ND(<0.001)	ND(<0.001)	ND(<0.001)	ND(<0.001)	ND(<0.001)	ND(<0.001)	ND(<0.001)	ND(<0.001)	ND(<0.001)	ND(<0.001)	ND(<0.001)	ND(<0.001)	ND(<0.001)	0.03	
Toluene	ND(<0.05)	**0.051**	**220 / 140 (ve)**	ND(<0.001)	ND(<0.001)	ND(<0.001)	ND(<0.001)	ND(<0.001)	ND(<0.001)	ND(<0.001)	ND(<0.001)	ND(<0.001)	ND(<0.001)	ND(<0.001)	ND(<0.001)	ND(<0.001)	ND(<0.001)	**0.0051**	7	
Ethylbenzene	ND(<0.05)	ND(<0.05)	**67 / 48 (ve)**	ND(<0.001)	ND(<0.001)	ND(<0.001)	ND(<0.001)	ND(<0.001)	ND(<0.001)	ND(<0.001)	ND(<0.001)	ND(<0.001)	ND(<0.001)	ND(<0.001)	ND(<0.001)	ND(<0.001)	ND(<0.001)	**0.0032**	6	
Xylenes	ND(<0.1)	ND(<0.1)	**530 / 330 (ve)**	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	**0.0184**	9	
Hexane	ND(<0.25)	ND(<0.25)	**5.8**	ND(<0.25)	ND(<0.25)	ND(<0.25)	ND(<0.25)	ND(<0.25)	ND(<0.25)	ND(<0.25)	ND(<0.25)	ND(<0.25)	ND(<0.25)	ND(<0.25)	ND(<0.25)	ND(<0.25)	ND(<0.25)	ND(<0.25)	4,800 (b)	
Naphthalene	ND(<0.05)	ND(<0.05)	**28 / 22 (ve)**	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	5	
Isopropylbenzene	ND(<0.05)	ND(<0.05)	**8.0 / 6.2**	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	8,000 (b)	
1,2,4-Trimethylbenzene	ND(<0.05)	ND(<0.05)	**180 / 99 (ve)**	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	800 (b)	NV
1,3,5-Trimethylbenzene	ND(<0.05)	ND(<0.05)	**67 / 49 (ve)**	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	800 (b)	
n-Propylbenzene	ND(<0.05)	ND(<0.05)	**27 / 21 (ve)**	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	8,000 (b)	
sec-Butylbenzene	ND(<0.05)	ND(<0.05)	**2.9**	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	8,000 (b)	
p-Isopropyltoluene	ND(<0.05)	ND(<0.05)	**1.7**	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	NV	
TCE	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	0.03	
PCE	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	0.05	
cis-1,2-DCE	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	160 (b)	
Vinyl chloride	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	ND(<0.002)	0.67 (c)	
All other VOCs	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Varies	
Arsenic	**4.46**	**5.41**	**3.24**	ND(<5)	**3.82**	**3.75**	**4.36**	**3.96**	**3.01**	**5.21**	**3.76**	**7.85**	**3.27**	**10.2**	**3.55**	**8.33**	**3.89**	**3.34**	20	7
Cadmium	ND(<1)	ND(<1)	ND(<1)	ND(<5)	ND(<1)	ND(<1)	ND(<1)	ND(<1)	ND(<1)	ND(<1)	ND(<1)	1.66	ND(<1)	ND(<1)	ND(<1)	ND(<1)	ND(<1)	ND(<1)	2	1
Chromium	**21.1**	**18.9**	**9.34**	**21.1**	**21.4**	**16.4**	**24.5**	**16.9**	**20.9**	**13.6**	**19.4**	**20**	**19.3**	**18.7**	**20.9**	**28.3**	**22.5**	**21**	19 / 2,000 (d)	48
Lead	**3.77**	**3.87**	**18.8**	**5.56**	**2.04**	**6.88**	**2.43**	**10.3**	**2.37**	**18.8**	**2.16**	**21.9**	**2.08**	**14.9**	**2.09**	**16.4**	**2.54**	**8.97**	250	24
Mercury	ND(<1)	ND(<1)	ND(<1)	ND(<5)	ND(<1)	ND(<1)	ND(<1)	ND(<1)	ND(<1)	ND(<1)	ND(<1)	ND(<1)	ND(<1)	ND(<1)	ND(<1)	ND(<1)	ND(<1)	ND(<1)	2	0.07

All concentrations given in parts per million (ppm), which is equivalent to milligrams per kilogram - bolded value = detected concentrations; shaded values exceed MTCA Cleanup Levels
MTCA = Model Toxics Control Act (MTCA Method A Soil Cleanup Levels for Unrestricted Land Uses shown)
Puget Sound Regional 90th Percentile Values - Natural Background Soil Metals Concentrations in Washington State, Dept. of Ecology Toxics Cleanup Program, Publication #94-115, Dated October 1994
(a) = Value is 100 mg/kg for gasoline with no detectable benzene; 30 mg/kg with benzene present
(b) = Method B Direct Contact Noncancer
(c) = Method B Direct Contact Cancer
(d) = Chromium VI is 19 ppm; Chromium III is 2,000 ppm
- = Not tested
(j) = The analyte concentration is reported below the standard reporting limits. The reported concentration is an estimate
(x) = The sample chromatographic pattern does not resemble the fuel standard used for quantitation
TPH-G, -D and -MO = total petroleum hydrocarbons – gasoline, diesel and motor oil
ve = The analyte response exceeded the valid instrument calibration range. The value is reported as an estimate
Bolded values indicate detected concentrations
Shaded values indicate exceedance of the MTCA Method A or B Soil Cleanup Levels

Table 3 - Summary of Soil Analytical IRA Reults																
Sample ID	20621-A-B	20621-A-SE	20621-A-NE	20621-A-NW	20621-A-SW	20621-B-S	20621-B-N	20621-B-WW	20621-B-EW	20621-B-B	20621-C-B	20621-C-NE	20621-C-NW	20621-C-SE	20621-C-SW	MTCA Method A Cleanup Level
Date	5/20/2024															
Depth	1.5'	1.5'	1.5'	1.5'	1.5'	2'	2'	2.3'	2.3	2'	2.5'	2.5	2.5	2.5	2.5	
TPH-G	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	30 / 100 (a)
TPH-D	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,000
TPH-MO	ND	ND	ND	ND	ND	ND	ND	**920**	**720**	ND	ND	ND	ND	**310**	ND	2,000
All other VOCs	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Varies

All Reporting Limits are on Libby Environmental , Inc. Final Report

All concentrations given in parts per million (ppm), which is equivalent to milligrams per kilogram - bolded value = detected concentrations; shaded values exceed MTCA Cleanup Levels
MTCA = Model Toxics Control Act (MTCA Method A Soil Cleanup Levels for Unrestricted Land Uses shown)
Puget Sound Regional 90th Percentile Values - Natural Background Soil Metals Concentrations in Washington State, Dept. of Ecology Toxics Cleanup Program, Publication #94-115, Dated October 1994
(a) = Value is 100 mg/kg for gasoline with no detectable benzene; 30 mg/kg with benzene present
(b) = Method B Direct Contact Noncancer
(c) = Method B Direct Contact Cancer
(d) = Chromium VI is 19 ppm; Chromium III is 2,000 ppm
- = Not tested
(j) = The analyte concentration is reported below the standard reporting limits. The reported concentration is an estimate
(x) = The sample chromatographic pattern does not resemble the fuel standard used for quantitation
TPH-G, -D and -MO = total petroleum hydrocarbons – gasoline, diesel and motor oil
ve = The analyte response exceeded the valid instrument calibration range. The value is reported as an estimate
Bolded values indicate detected concentrations
Shaded values indicate exceedance of the MTCA Method A or B Soil Cleanup Levels

APPENDIX B

MODEL REMEDY 1. PROCEDURES

Model Remedy 1. This model remedy is for situations where complete removal of the contaminated soil will take place and Method A Soil Cleanup Levels for Unrestricted Property Use have been selected following excavation, confirmation testing must be performed to document that the applicable Method A cleanup levels found in Table 740-1 of WAC 173-340-900 have been met at the point of compliance, such that no environmental covenants are necessary.

APPENDIX C
PHOTOS

1. View looking East from Highway 99 at subject property.

2. Storage practices prior to remidail activites.

3. AOC A Stained Asphalt (previous 55 gallon drum spillage and engine parts

4. AOC A stained area

5. AOC A Excavation

6. AOC after excavation and backfill with gravel

7. AOC B stained area excavation

8. AOC B during Excavation

9. AOC B aftr excavation and backfill with gravel

10. AOC C during excavation

11. AOC C excavation in previously document shallow "hotspot" as indicated by blue triangle.

12. AOC after excavation and backfill with gravel

APPENDIX D

LABORATORY AND DISPOSAL DOCUMENTS

Libby Environmental, Inc.

3322 South Bay Road NE • Olympia, WA 98506-2957

Phone (360) 352-2110 • libbyenv@gmail.com

May 21, 2024

Daryl Petrarca
Adapt Consulting
617 8th Avenue South
Seattle, WA 98104

RE: ICOPS Highway 99
Work Order Number: L24E061

Enclosed are the results of analyses for samples received by our laboratory on 5/20/2024.

Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of within 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please feel free to contact us. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry Chilcutt
Senior Chemist

LL7E061

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

www.LibbyEnvironmental.c

Date: 5/20 Page: 1 of 1

Client: ICOPS c/o ADAPT
Address: 617 8TH AVE S
City: SEATTLE State: WA Zip: 98104
Phone: 206 6547045 Fax:
Client Project # WA24-20621-ENV

Project Manager: DARYL PEYANCA
Project Name: ICOPS HIGHWAY 99
Location: City, State: LYNNWOOD
Collector: JULIA NAVIDI Date of Collection: 5/20
Email: JAKE.FRAZIER@ADAPTNW.COM STLangseth

Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260	PCE & Daughter Prod.	NWTPH-Gx	BTEX (8260) / (8021)	NWTPH-HCID	NWTPH-Dx / Dx	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	c PAH 8270	PAH 8270	Semi Vol 8270			Field Notes
1 20621-A-SE	1.5	9:45	SOIL		X		X			X									9.8g
2 20621-A-NE		9:51																	10.1g
3 20621-A-NW		9:53																	6.9g
4 20621-A-SW	X	9:55	X																
5 20621-B-S	2	10:07	SOIL																
6 20621-B-N	2	10:05																	
7 20621-B-NW	2.3	10:11																	
8 20621-B-EW	2.3	10:13																	
9 20621-B-B	2	10:18	X																
10 20621-A-B	1.5	11:46	X																
11 20621-C-B	2.5	12:29	SOIL																
12 20621-C-NE		12:37																	
13 20621-C-NW		12:41																	
14 20621-C-SE		12:27																	
15 20621-C-SW	X	12:27	X																
16																			
17																			

Relinquished by:	Date / Time	Received by:	Date / Time
[signature]	5/20 12:53	[signature]	5/20/24 1253
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

Good Condition?	Y	N
Cooler Temp.		°C
Sample Temp.		°C
Total Number of Containers		

Remarks: ML

TAT: 1-Day 2-Day 5-DAY

Distribution: White - Lab, Yellow - Originator

Adapt Consulting
617 8th Avenue South
Seattle, WA 98104

Project: ICOPS Highway 99
Project Number: WA24-20621-ENV
Project Manager: Daryl Petrarca

City/State: Lynnwood, WA
Work Order: L24E061
Reported: 05/21/2024 13:50

Notes and Definitions

Item	Definition
R	High Relative Percent Difference observed.
S3	Outlying spike recovery observed (high bias). Analyte will be qualified with a ** if detected.
RL	Reporting Limit
ND	Analyte NOT DETECTED at or above the reporting limit
DET	Analyte DETECTED at or above the reporting limit
Qual	Qualifier
	All results reported on an "as received" basis unless indicated by "Dry"
RPD	Relative Percent Difference
%REC	Percent Recovery
Parent	Sample that was matrix spiked or duplicated

Work Order Sample Summary

Lab ID	Sample	Matrix	Date Sampled	Date Received
L24E061-01	20621-A-SE	Soil	05/20/2024	05/20/2024
L24E061-02	20621-A-NE	Soil	05/20/2024	05/20/2024
L24E061-03	20621-A-NW	Soil	05/20/2024	05/20/2024
L24E061-04	20621-A-SW	Soil	05/20/2024	05/20/2024
L24E061-05	20621-B-S	Soil	05/20/2024	05/20/2024
L24E061-06	20621-B-N	Soil	05/20/2024	05/20/2024
L24E061-07	20621-B-WW	Soil	05/20/2024	05/20/2024
L24E061-08	20621-B-EW	Soil	05/20/2024	05/20/2024
L24E061-09	20621-B-B	Soil	05/20/2024	05/20/2024
L24E061-10	20621-A-B	Soil	05/20/2024	05/20/2024
L24E061-11	20621-C-B	Soil	05/20/2024	05/20/2024
L24E061-12	20621-C-NE	Soil	05/20/2024	05/20/2024
L24E061-13	20621-C-NW	Soil	05/20/2024	05/20/2024
L24E061-14	20621-C-SE	Soil	05/20/2024	05/20/2024
L24E061-15	20621-C-SW	Soil	05/20/2024	05/20/2024

Libby Environmental, Inc.

Adapt Consulting 617 8th Avenue South Seattle, WA 98104	**Project:** ICOPS Highway 99 **Project Number:** WA24-20621-ENV **Project Manager:** Daryl Petrarca	**City/State:** Lynnwood, WA **Work Order:** L24E061 **Reported:** 05/21/2024 13:50

Libby Environmental Sample Detection Summary

Analyte	Result	Qual	Units	RL	Method
Sample: **20621-B-WW**			Lab#: L24E061-07		
Oil	920		mg/kg dry	340	NWTPH-Dx/Dx
Sample: **20621-B-EW**			Lab#: L24E061-08		
Oil	720		mg/kg dry	350	NWTPH-Dx/Dx
Sample: **20621-C-SE**			Lab#: L24E061-14		
Oil	310		mg/kg dry	310	NWTPH-Dx/Dx

Note: If no entry is made, then no target compounds were detected.

Adapt Consulting
617 8th Avenue South
Seattle, WA 98104

Project: ICOPS Highway 99
Project Number: WA24-20621-ENV
Project Manager: Daryl Petrarca

City/State: Lynnwood, WA
Work Order: L24E061
Reported: 05/21/2024 13:50

Sample Results

Client Sample ID: 20621-A-SE

Lab ID: L24E061-01 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Dichlorodifluoromethane	ND		0.054	mg/kg dry	05/20/2024	PB
Chloromethane	ND		0.054	mg/kg dry	05/20/2024	PB
Vinyl Chloride (SIM)	ND		0.018	mg/kg dry	05/20/2024	PB
Bromomethane	ND		0.081	mg/kg dry	05/20/2024	PB
Chloroethane	ND		0.054	mg/kg dry	05/20/2024	PB
Trichlorofluoromethane	ND		0.045	mg/kg dry	05/20/2024	PB
1,1-Dichloroethene	ND		0.045	mg/kg dry	05/20/2024	PB
Methylene chloride	ND		0.018	mg/kg dry	05/20/2024	PB
Methyl tert-Butyl Ether (MTBE)	ND		0.045	mg/kg dry	05/20/2024	PB
trans-1,2-Dichloroethene	ND		0.027	mg/kg dry	05/20/2024	PB
1,1-Dichloroethane	ND		0.027	mg/kg dry	05/20/2024	PB
2,2-Dichloropropane	ND		0.045	mg/kg dry	05/20/2024	PB
cis-1,2-Dichloroethene	ND		0.027	mg/kg dry	05/20/2024	PB
Chloroform	ND		0.027	mg/kg dry	05/20/2024	PB
1,1,1-Trichloroethane (TCA)	ND		0.027	mg/kg dry	05/20/2024	PB
Carbon tetrachloride	ND		0.027	mg/kg dry	05/20/2024	PB
1,1-Dichloropropene	ND		0.027	mg/kg dry	05/20/2024	PB
Benzene	ND		0.018	mg/kg dry	05/20/2024	PB
1,2-Dichloroethane (EDC)	ND		0.027	mg/kg dry	05/20/2024	PB
Trichloroethene (SIM)	ND		0.018	mg/kg dry	05/20/2024	PB
1,2-Dichloropropane	ND		0.027	mg/kg dry	05/20/2024	PB
Dibromomethane	ND		0.036	mg/kg dry	05/20/2024	PB
Bromodichloromethane	ND		0.027	mg/kg dry	05/20/2024	PB
cis-1,3-Dichloropropene	ND		0.027	mg/kg dry	05/20/2024	PB
Toluene	ND		0.090	mg/kg dry	05/20/2024	PB
Trans-1,3-Dichloropropene	ND		0.027	mg/kg dry	05/20/2024	PB
1,1,2-Trichloroethane	ND		0.027	mg/kg dry	05/20/2024	PB
Tetrachloroethene (SIM)	ND		0.018	mg/kg dry	05/20/2024	PB
1,3-Dichloropropane	ND		0.045	mg/kg dry	05/20/2024	PB
Dibromochloromethane	ND		0.027	mg/kg dry	05/20/2024	PB
1,2-Dibromoethane (EDB) (SIM)	ND		0.0023	mg/kg dry	05/20/2024	PB
Chlorobenzene	ND		0.027	mg/kg dry	05/20/2024	PB
Ethylbenzene	ND		0.045	mg/kg dry	05/20/2024	PB
1,1,1,2-Tetrachloroethane	ND		0.045	mg/kg dry	05/20/2024	PB
Total Xylenes	ND		0.14	mg/kg dry	05/20/2024	PB

Adapt Consulting
617 8th Avenue South
Seattle, WA 98104

Project: ICOPS Highway 99
Project Number: WA24-20621-ENV
Project Manager: Daryl Petrarca

City/State: Lynnwood, WA
Work Order: L24E061
Reported: 05/21/2024 13:50

Sample Results (Continued)

Client Sample ID: 20621-A-SE

Lab ID: L24E061-01 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D (Continued)						
Styrene	ND		0.027	mg/kg dry	05/20/2024	PB
Bromoform	ND		0.14	mg/kg dry	05/20/2024	PB
Isopropylbenzene	ND		0.045	mg/kg dry	05/20/2024	PB
1,1,2,2-Tetrachloroethane	ND		0.14	mg/kg dry	05/20/2024	PB
Bromobenzene	ND		0.036	mg/kg dry	05/20/2024	PB
n-Propylbenzene	ND		0.036	mg/kg dry	05/20/2024	PB
1,2,3-Trichloropropane	ND		0.050	mg/kg dry	05/20/2024	PB
2-Chlorotoluene	ND		0.036	mg/kg dry	05/20/2024	PB
1,3,5-Trimethylbenzene	ND		0.036	mg/kg dry	05/20/2024	PB
4-Chlorotoluene	ND		0.036	mg/kg dry	05/20/2024	PB
tert-Butylbenzene	ND		0.036	mg/kg dry	05/20/2024	PB
1,2,4-Trimethylbenzene	ND		0.036	mg/kg dry	05/20/2024	PB
sec-Butylbenzene	ND		0.036	mg/kg dry	05/20/2024	PB
p-Isopropyltoluene	ND		0.036	mg/kg dry	05/20/2024	PB
1,3-Dichlorobenzene	ND		0.036	mg/kg dry	05/20/2024	PB
1,4-Dichlorobenzene	ND		0.036	mg/kg dry	05/20/2024	PB
n-Butylbenzene	ND		0.036	mg/kg dry	05/20/2024	PB
1,2-Dichlorobenzene	ND		0.036	mg/kg dry	05/20/2024	PB
1,2-Dibromo-3-Chloropropane	ND		0.14	mg/kg dry	05/20/2024	PB
1,2,4-Trichlorobenzene	ND		0.14	mg/kg dry	05/20/2024	PB
Naphthalene	ND		0.090	mg/kg dry	05/20/2024	PB
1,2,3-Trichlorobenzene	ND		0.14	mg/kg dry	05/20/2024	PB
Surrogate: Dibromofluoromethane	*103%*		*49.6-175*		*05/20/2024*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*106%*		*31.7-194*		*05/20/2024*	*PB*
Surrogate: Toluene-d8	*94.8%*		*52.9-135*		*05/20/2024*	*PB*
Surrogate: 4-Bromofluorobenzene	*97.1%*		*50.8-121*		*05/20/2024*	*PB*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		9.0	mg/kg dry	05/20/2024	PB
Surrogate: Toluene-d8	*94.8%*		*52.9-135*		*05/20/2024*	*PB*
Diesel and Oil by NWTPH-Dx/Dx						
Diesel	ND		63	mg/kg dry	05/20/2024	PB
Oil	ND		320	mg/kg dry	05/20/2024	PB
Surrogate: 2-FBP	*92.8%*		*38.9-154*		*05/20/2024*	*PB*
Moisture by ASTM D2216-19						
Moisture	22		0.50	%	05/20/2024	PB

Adapt Consulting
617 8th Avenue South
Seattle, WA 98104

Project: ICOPS Highway 99
Project Number: WA24-20621-ENV
Project Manager: Daryl Petrarca

City/State: Lynnwood, WA
Work Order: L24E061
Reported: 05/21/2024 13:50

Sample Results (Continued)

Client Sample ID: 20621-A-NE

Lab ID: L24E061-02 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Dichlorodifluoromethane	ND		0.057	mg/kg dry	05/20/2024	PB
Chloromethane	ND		0.057	mg/kg dry	05/20/2024	PB
Vinyl Chloride (SIM)	ND		0.019	mg/kg dry	05/20/2024	PB
Bromomethane	ND		0.086	mg/kg dry	05/20/2024	PB
Chloroethane	ND		0.057	mg/kg dry	05/20/2024	PB
Trichlorofluoromethane	ND		0.048	mg/kg dry	05/20/2024	PB
1,1-Dichloroethene	ND		0.048	mg/kg dry	05/20/2024	PB
Methylene chloride	ND		0.019	mg/kg dry	05/20/2024	PB
Methyl tert-Butyl Ether (MTBE)	ND		0.048	mg/kg dry	05/20/2024	PB
trans-1,2-Dichloroethene	ND		0.029	mg/kg dry	05/20/2024	PB
1,1-Dichloroethane	ND		0.029	mg/kg dry	05/20/2024	PB
2,2-Dichloropropane	ND		0.048	mg/kg dry	05/20/2024	PB
cis-1,2-Dichloroethene	ND		0.029	mg/kg dry	05/20/2024	PB
Chloroform	ND		0.029	mg/kg dry	05/20/2024	PB
1,1,1-Trichloroethane (TCA)	ND		0.029	mg/kg dry	05/20/2024	PB
Carbon tetrachloride	ND		0.029	mg/kg dry	05/20/2024	PB
1,1-Dichloropropene	ND		0.029	mg/kg dry	05/20/2024	PB
Benzene	ND		0.019	mg/kg dry	05/20/2024	PB
1,2-Dichloroethane (EDC)	ND		0.029	mg/kg dry	05/20/2024	PB
Trichloroethene (SIM)	ND		0.019	mg/kg dry	05/20/2024	PB
1,2-Dichloropropane	ND		0.029	mg/kg dry	05/20/2024	PB
Dibromomethane	ND		0.038	mg/kg dry	05/20/2024	PB
Bromodichloromethane	ND		0.029	mg/kg dry	05/20/2024	PB
cis-1,3-Dichloropropene	ND		0.029	mg/kg dry	05/20/2024	PB
Toluene	ND		0.095	mg/kg dry	05/20/2024	PB
Trans-1,3-Dichloropropene	ND		0.029	mg/kg dry	05/20/2024	PB
1,1,2-Trichloroethane	ND		0.029	mg/kg dry	05/20/2024	PB
Tetrachloroethene (SIM)	ND		0.019	mg/kg dry	05/20/2024	PB
1,3-Dichloropropane	ND		0.048	mg/kg dry	05/20/2024	PB
Dibromochloromethane	ND		0.029	mg/kg dry	05/20/2024	PB
1,2-Dibromoethane (EDB) (SIM)	ND		0.0024	mg/kg dry	05/20/2024	PB
Chlorobenzene	ND		0.029	mg/kg dry	05/20/2024	PB
Ethylbenzene	ND		0.048	mg/kg dry	05/20/2024	PB
1,1,1,2-Tetrachloroethane	ND		0.048	mg/kg dry	05/20/2024	PB
Total Xylenes	ND		0.14	mg/kg dry	05/20/2024	PB

Adapt Consulting 617 8th Avenue South Seattle, WA 98104	**Project:** ICOPS Highway 99 **Project Number:** WA24-20621-ENV **Project Manager:** Daryl Petrarca	**City/State:** Lynnwood, WA **Work Order:** L24E061 **Reported:** 05/21/2024 13:50

Sample Results (Continued)

Client Sample ID: 20621-A-NE

Lab ID: L24E061-02 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D (Continued)						
Styrene	ND		0.029	mg/kg dry	05/20/2024	PB
Bromoform	ND		0.14	mg/kg dry	05/20/2024	PB
Isopropylbenzene	ND		0.048	mg/kg dry	05/20/2024	PB
1,1,2,2-Tetrachloroethane	ND		0.14	mg/kg dry	05/20/2024	PB
Bromobenzene	ND		0.038	mg/kg dry	05/20/2024	PB
n-Propylbenzene	ND		0.038	mg/kg dry	05/20/2024	PB
1,2,3-Trichloropropane	ND		0.052	mg/kg dry	05/20/2024	PB
2-Chlorotoluene	ND		0.038	mg/kg dry	05/20/2024	PB
1,3,5-Trimethylbenzene	ND		0.038	mg/kg dry	05/20/2024	PB
4-Chlorotoluene	ND		0.038	mg/kg dry	05/20/2024	PB
tert-Butylbenzene	ND		0.038	mg/kg dry	05/20/2024	PB
1,2,4-Trimethylbenzene	ND		0.038	mg/kg dry	05/20/2024	PB
sec-Butylbenzene	ND		0.038	mg/kg dry	05/20/2024	PB
p-Isopropyltoluene	ND		0.038	mg/kg dry	05/20/2024	PB
1,3-Dichlorobenzene	ND		0.038	mg/kg dry	05/20/2024	PB
1,4-Dichlorobenzene	ND		0.038	mg/kg dry	05/20/2024	PB
n-Butylbenzene	ND		0.038	mg/kg dry	05/20/2024	PB
1,2-Dichlorobenzene	ND		0.038	mg/kg dry	05/20/2024	PB
1,2-Dibromo-3-Chloropropane	ND		0.14	mg/kg dry	05/20/2024	PB
1,2,4-Trichlorobenzene	ND		0.14	mg/kg dry	05/20/2024	PB
Naphthalene	ND		0.095	mg/kg dry	05/20/2024	PB
1,2,3-Trichlorobenzene	ND		0.14	mg/kg dry	05/20/2024	PB
Surrogate: Dibromofluoromethane	*102%*		*49.6-175*		*05/20/2024*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*104%*		*31.7-194*		*05/20/2024*	*PB*
Surrogate: Toluene-d8	*104%*		*52.9-135*		*05/20/2024*	*PB*
Surrogate: 4-Bromofluorobenzene	*102%*		*50.8-121*		*05/20/2024*	*PB*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		9.5	mg/kg dry	05/20/2024	PB
Surrogate: Toluene-d8	*104%*		*52.9-135*		*05/20/2024*	*PB*
Diesel and Oil by NWTPH-Dx/Dx						
Diesel	ND		65	mg/kg dry	05/20/2024	PB
Oil	ND		320	mg/kg dry	05/20/2024	PB
Surrogate: 2-FBP	*142%*		*38.9-154*		*05/20/2024*	*PB*
Moisture by ASTM D2216-19						
Moisture	23		0.50	%	05/20/2024	PB

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Project: ICOPS Highway 99
Project Number: WA24-20621-ENV
Project Manager: Daryl Petrarca

City/State: Lynnwood, WA
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Sample Results (Continued)

Client Sample ID: 20621-A-NW

Lab ID: L24E061-03 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Dichlorodifluoromethane	ND		0.052	mg/kg dry	05/20/2024	PB
Chloromethane	ND		0.052	mg/kg dry	05/20/2024	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	05/20/2024	PB
Bromomethane	ND		0.079	mg/kg dry	05/20/2024	PB
Chloroethane	ND		0.052	mg/kg dry	05/20/2024	PB
Trichlorofluoromethane	ND		0.044	mg/kg dry	05/20/2024	PB
1,1-Dichloroethene	ND		0.044	mg/kg dry	05/20/2024	PB
Methylene chloride	ND		0.017	mg/kg dry	05/20/2024	PB
Methyl tert-Butyl Ether (MTBE)	ND		0.044	mg/kg dry	05/20/2024	PB
trans-1,2-Dichloroethene	ND		0.026	mg/kg dry	05/20/2024	PB
1,1-Dichloroethane	ND		0.026	mg/kg dry	05/20/2024	PB
2,2-Dichloropropane	ND		0.044	mg/kg dry	05/20/2024	PB
cis-1,2-Dichloroethene	ND		0.026	mg/kg dry	05/20/2024	PB
Chloroform	ND		0.026	mg/kg dry	05/20/2024	PB
1,1,1-Trichloroethane (TCA)	ND		0.026	mg/kg dry	05/20/2024	PB
Carbon tetrachloride	ND		0.026	mg/kg dry	05/20/2024	PB
1,1-Dichloropropene	ND		0.026	mg/kg dry	05/20/2024	PB
Benzene	ND		0.017	mg/kg dry	05/20/2024	PB
1,2-Dichloroethane (EDC)	ND		0.026	mg/kg dry	05/20/2024	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	05/20/2024	PB
1,2-Dichloropropane	ND		0.026	mg/kg dry	05/20/2024	PB
Dibromomethane	ND		0.035	mg/kg dry	05/20/2024	PB
Bromodichloromethane	ND		0.026	mg/kg dry	05/20/2024	PB
cis-1,3-Dichloropropene	ND		0.026	mg/kg dry	05/20/2024	PB
Toluene	ND		0.087	mg/kg dry	05/20/2024	PB
Trans-1,3-Dichloropropene	ND		0.026	mg/kg dry	05/20/2024	PB
1,1,2-Trichloroethane	ND		0.026	mg/kg dry	05/20/2024	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	05/20/2024	PB
1,3-Dichloropropane	ND		0.044	mg/kg dry	05/20/2024	PB
Dibromochloromethane	ND		0.026	mg/kg dry	05/20/2024	PB
1,2-Dibromoethane (EDB) (SIM)	ND		0.0022	mg/kg dry	05/20/2024	PB
Chlorobenzene	ND		0.026	mg/kg dry	05/20/2024	PB
Ethylbenzene	ND		0.044	mg/kg dry	05/20/2024	PB
1,1,1,2-Tetrachloroethane	ND		0.044	mg/kg dry	05/20/2024	PB
Total Xylenes	ND		0.13	mg/kg dry	05/20/2024	PB

Adapt Consulting 617 8th Avenue South Seattle, WA 98104	**Project:** ICOPS Highway 99 **Project Number:** WA24-20621-ENV **Project Manager:** Daryl Petrarca	**City/State:** Lynnwood, WA **Work Order:** L24E061 **Reported:** 05/21/2024 13:50

Sample Results (Continued)

Client Sample ID: 20621-A-NW

Lab ID: L24E061-03 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D (Continued)						
Styrene	ND		0.026	mg/kg dry	05/20/2024	PB
Bromoform	ND		0.13	mg/kg dry	05/20/2024	PB
Isopropylbenzene	ND		0.044	mg/kg dry	05/20/2024	PB
1,1,2,2-Tetrachloroethane	ND		0.13	mg/kg dry	05/20/2024	PB
Bromobenzene	ND		0.035	mg/kg dry	05/20/2024	PB
n-Propylbenzene	ND		0.035	mg/kg dry	05/20/2024	PB
1,2,3-Trichloropropane	ND		0.048	mg/kg dry	05/20/2024	PB
2-Chlorotoluene	ND		0.035	mg/kg dry	05/20/2024	PB
1,3,5-Trimethylbenzene	ND		0.035	mg/kg dry	05/20/2024	PB
4-Chlorotoluene	ND		0.035	mg/kg dry	05/20/2024	PB
tert-Butylbenzene	ND		0.035	mg/kg dry	05/20/2024	PB
1,2,4-Trimethylbenzene	ND		0.035	mg/kg dry	05/20/2024	PB
sec-Butylbenzene	ND		0.035	mg/kg dry	05/20/2024	PB
p-Isopropyltoluene	ND		0.035	mg/kg dry	05/20/2024	PB
1,3-Dichlorobenzene	ND		0.035	mg/kg dry	05/20/2024	PB
1,4-Dichlorobenzene	ND		0.035	mg/kg dry	05/20/2024	PB
n-Butylbenzene	ND		0.035	mg/kg dry	05/20/2024	PB
1,2-Dichlorobenzene	ND		0.035	mg/kg dry	05/20/2024	PB
1,2-Dibromo-3-Chloropropane	ND		0.13	mg/kg dry	05/20/2024	PB
1,2,4-Trichlorobenzene	ND		0.13	mg/kg dry	05/20/2024	PB
Naphthalene	ND		0.087	mg/kg dry	05/20/2024	PB
1,2,3-Trichlorobenzene	ND		0.13	mg/kg dry	05/20/2024	PB
Surrogate: Dibromofluoromethane	*104%*		*49.6-175*		*05/20/2024*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*111%*		*31.7-194*		*05/20/2024*	*PB*
Surrogate: Toluene-d8	*94.2%*		*52.9-135*		*05/20/2024*	*PB*
Surrogate: 4-Bromofluorobenzene	*103%*		*50.8-121*		*05/20/2024*	*PB*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		8.7	mg/kg dry	05/20/2024	PB
Surrogate: Toluene-d8	*94.2%*		*52.9-135*		*05/20/2024*	*PB*
Diesel and Oil by NWTPH-Dx/Dx						
Diesel	ND		62	mg/kg dry	05/20/2024	PB
Oil	ND		310	mg/kg dry	05/20/2024	PB
Surrogate: 2-FBP	*59.3%*		*38.9-154*		*05/20/2024*	*PB*
Moisture by ASTM D2216-19						
Moisture	20		0.50	%	05/20/2024	PB

Adapt Consulting
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Project: ICOPS Highway 99
Project Number: WA24-20621-ENV
Project Manager: Daryl Petrarca

City/State: Lynnwood, WA
Work Order: L24E061
Reported: 05/21/2024 13:50

Sample Results (Continued)

Client Sample ID: 20621-A-SW

Lab ID: L24E061-04 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Dichlorodifluoromethane	ND		0.054	mg/kg dry	05/20/2024	PB
Chloromethane	ND		0.054	mg/kg dry	05/20/2024	PB
Vinyl Chloride (SIM)	ND		0.018	mg/kg dry	05/20/2024	PB
Bromomethane	ND		0.081	mg/kg dry	05/20/2024	PB
Chloroethane	ND		0.054	mg/kg dry	05/20/2024	PB
Trichlorofluoromethane	ND		0.045	mg/kg dry	05/20/2024	PB
1,1-Dichloroethene	ND		0.045	mg/kg dry	05/20/2024	PB
Methylene chloride	ND		0.018	mg/kg dry	05/20/2024	PB
Methyl tert-Butyl Ether (MTBE)	ND		0.045	mg/kg dry	05/20/2024	PB
trans-1,2-Dichloroethene	ND		0.027	mg/kg dry	05/20/2024	PB
1,1-Dichloroethane	ND		0.027	mg/kg dry	05/20/2024	PB
2,2-Dichloropropane	ND		0.045	mg/kg dry	05/20/2024	PB
cis-1,2-Dichloroethene	ND		0.027	mg/kg dry	05/20/2024	PB
Chloroform	ND		0.027	mg/kg dry	05/20/2024	PB
1,1,1-Trichloroethane (TCA)	ND		0.027	mg/kg dry	05/20/2024	PB
Carbon tetrachloride	ND		0.027	mg/kg dry	05/20/2024	PB
1,1-Dichloropropene	ND		0.027	mg/kg dry	05/20/2024	PB
Benzene	ND		0.018	mg/kg dry	05/20/2024	PB
1,2-Dichloroethane (EDC)	ND		0.027	mg/kg dry	05/20/2024	PB
Trichloroethene (SIM)	ND		0.018	mg/kg dry	05/20/2024	PB
1,2-Dichloropropane	ND		0.027	mg/kg dry	05/20/2024	PB
Dibromomethane	ND		0.036	mg/kg dry	05/20/2024	PB
Bromodichloromethane	ND		0.027	mg/kg dry	05/20/2024	PB
cis-1,3-Dichloropropene	ND		0.027	mg/kg dry	05/20/2024	PB
Toluene	ND		0.090	mg/kg dry	05/20/2024	PB
Trans-1,3-Dichloropropene	ND		0.027	mg/kg dry	05/20/2024	PB
1,1,2-Trichloroethane	ND		0.027	mg/kg dry	05/20/2024	PB
Tetrachloroethene (SIM)	ND		0.018	mg/kg dry	05/20/2024	PB
1,3-Dichloropropane	ND		0.045	mg/kg dry	05/20/2024	PB
Dibromochloromethane	ND		0.027	mg/kg dry	05/20/2024	PB
1,2-Dibromoethane (EDB) (SIM)	ND		0.0023	mg/kg dry	05/20/2024	PB
Chlorobenzene	ND		0.027	mg/kg dry	05/20/2024	PB
Ethylbenzene	ND		0.045	mg/kg dry	05/20/2024	PB
1,1,1,2-Tetrachloroethane	ND		0.045	mg/kg dry	05/20/2024	PB
Total Xylenes	ND		0.14	mg/kg dry	05/20/2024	PB

Adapt Consulting 617 8th Avenue South Seattle, WA 98104	**Project:** ICOPS Highway 99 **Project Number:** WA24-20621-ENV **Project Manager:** Daryl Petrarca	**City/State:** Lynnwood, WA **Work Order:** L24E061 **Reported:** 05/21/2024 13:50

Sample Results (Continued)

Client Sample ID: 20621-A-SW

Lab ID: L24E061-04 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D (Continued)						
Styrene	ND		0.027	mg/kg dry	05/20/2024	PB
Bromoform	ND		0.14	mg/kg dry	05/20/2024	PB
Isopropylbenzene	ND		0.045	mg/kg dry	05/20/2024	PB
1,1,2,2-Tetrachloroethane	ND		0.14	mg/kg dry	05/20/2024	PB
Bromobenzene	ND		0.036	mg/kg dry	05/20/2024	PB
n-Propylbenzene	ND		0.036	mg/kg dry	05/20/2024	PB
1,2,3-Trichloropropane	ND		0.050	mg/kg dry	05/20/2024	PB
2-Chlorotoluene	ND		0.036	mg/kg dry	05/20/2024	PB
1,3,5-Trimethylbenzene	ND		0.036	mg/kg dry	05/20/2024	PB
4-Chlorotoluene	ND		0.036	mg/kg dry	05/20/2024	PB
tert-Butylbenzene	ND		0.036	mg/kg dry	05/20/2024	PB
1,2,4-Trimethylbenzene	ND		0.036	mg/kg dry	05/20/2024	PB
sec-Butylbenzene	ND		0.036	mg/kg dry	05/20/2024	PB
p-Isopropyltoluene	ND		0.036	mg/kg dry	05/20/2024	PB
1,3-Dichlorobenzene	ND		0.036	mg/kg dry	05/20/2024	PB
1,4-Dichlorobenzene	ND		0.036	mg/kg dry	05/20/2024	PB
n-Butylbenzene	ND		0.036	mg/kg dry	05/20/2024	PB
1,2-Dichlorobenzene	ND		0.036	mg/kg dry	05/20/2024	PB
1,2-Dibromo-3-Chloropropane	ND		0.14	mg/kg dry	05/20/2024	PB
1,2,4-Trichlorobenzene	ND		0.14	mg/kg dry	05/20/2024	PB
Naphthalene	ND		0.090	mg/kg dry	05/20/2024	PB
1,2,3-Trichlorobenzene	ND		0.14	mg/kg dry	05/20/2024	PB
Surrogate: Dibromofluoromethane	*106%*		*49.6-175*		*05/20/2024*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*118%*		*31.7-194*		*05/20/2024*	*PB*
Surrogate: Toluene-d8	*92.8%*		*52.9-135*		*05/20/2024*	*PB*
Surrogate: 4-Bromofluorobenzene	*95.2%*		*50.8-121*		*05/20/2024*	*PB*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		9.0	mg/kg dry	05/20/2024	PB
Surrogate: Toluene-d8	*92.8%*		*52.9-135*		*05/20/2024*	*PB*
Diesel and Oil by NWTPH-Dx/Dx						
Diesel	ND		63	mg/kg dry	05/20/2024	PB
Oil	ND		320	mg/kg dry	05/20/2024	PB
Surrogate: 2-FBP	*95.8%*		*38.9-154*		*05/20/2024*	*PB*
Moisture by ASTM D2216-19						
Moisture	21		0.50	%	05/20/2024	PB

Adapt Consulting
617 8th Avenue South
Seattle, WA 98104

Project: ICOPS Highway 99
Project Number: WA24-20621-ENV
Project Manager: Daryl Petrarca

City/State: Lynnwood, WA
Work Order: L24E061
Reported: 05/21/2024 13:50

Sample Results (Continued)

Client Sample ID: 20621-B-S

Lab ID: L24E061-05 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Dichlorodifluoromethane	ND		0.065	mg/kg dry	05/20/2024	PB
Chloromethane	ND		0.065	mg/kg dry	05/20/2024	PB
Vinyl Chloride (SIM)	ND		0.022	mg/kg dry	05/20/2024	PB
Bromomethane	ND		0.097	mg/kg dry	05/20/2024	PB
Chloroethane	ND		0.065	mg/kg dry	05/20/2024	PB
Trichlorofluoromethane	ND		0.054	mg/kg dry	05/20/2024	PB
1,1-Dichloroethene	ND		0.054	mg/kg dry	05/20/2024	PB
Methylene chloride	ND		0.022	mg/kg dry	05/20/2024	PB
Methyl tert-Butyl Ether (MTBE)	ND		0.054	mg/kg dry	05/20/2024	PB
trans-1,2-Dichloroethene	ND		0.032	mg/kg dry	05/20/2024	PB
1,1-Dichloroethane	ND		0.032	mg/kg dry	05/20/2024	PB
2,2-Dichloropropane	ND		0.054	mg/kg dry	05/20/2024	PB
cis-1,2-Dichloroethene	ND		0.032	mg/kg dry	05/20/2024	PB
Chloroform	ND		0.032	mg/kg dry	05/20/2024	PB
1,1,1-Trichloroethane (TCA)	ND		0.032	mg/kg dry	05/20/2024	PB
Carbon tetrachloride	ND		0.032	mg/kg dry	05/20/2024	PB
1,1-Dichloropropene	ND		0.032	mg/kg dry	05/20/2024	PB
Benzene	ND		0.022	mg/kg dry	05/20/2024	PB
1,2-Dichloroethane (EDC)	ND		0.032	mg/kg dry	05/20/2024	PB
Trichloroethene (SIM)	ND		0.022	mg/kg dry	05/20/2024	PB
1,2-Dichloropropane	ND		0.032	mg/kg dry	05/20/2024	PB
Dibromomethane	ND		0.043	mg/kg dry	05/20/2024	PB
Bromodichloromethane	ND		0.032	mg/kg dry	05/20/2024	PB
cis-1,3-Dichloropropene	ND		0.032	mg/kg dry	05/20/2024	PB
Toluene	ND		0.11	mg/kg dry	05/20/2024	PB
Trans-1,3-Dichloropropene	ND		0.032	mg/kg dry	05/20/2024	PB
1,1,2-Trichloroethane	ND		0.032	mg/kg dry	05/20/2024	PB
Tetrachloroethene (SIM)	ND		0.022	mg/kg dry	05/20/2024	PB
1,3-Dichloropropane	ND		0.054	mg/kg dry	05/20/2024	PB
Dibromochloromethane	ND		0.032	mg/kg dry	05/20/2024	PB
1,2-Dibromoethane (EDB) (SIM)	ND		0.0027	mg/kg dry	05/20/2024	PB
Chlorobenzene	ND		0.032	mg/kg dry	05/20/2024	PB
Ethylbenzene	ND		0.054	mg/kg dry	05/20/2024	PB
1,1,1,2-Tetrachloroethane	ND		0.054	mg/kg dry	05/20/2024	PB
Total Xylenes	ND		0.16	mg/kg dry	05/20/2024	PB

Adapt Consulting 617 8th Avenue South Seattle, WA 98104	**Project:** ICOPS Highway 99 **Project Number:** WA24-20621-ENV **Project Manager:** Daryl Petrarca	**City/State:** Lynnwood, WA **Work Order:** L24E061 **Reported:** 05/21/2024 13:50

Sample Results (Continued)

Client Sample ID: 20621-B-S

Lab ID: L24E061-05 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D (Continued)						
Styrene	ND		0.032	mg/kg dry	05/20/2024	PB
Bromoform	ND		0.16	mg/kg dry	05/20/2024	PB
Isopropylbenzene	ND		0.054	mg/kg dry	05/20/2024	PB
1,1,2,2-Tetrachloroethane	ND		0.16	mg/kg dry	05/20/2024	PB
Bromobenzene	ND		0.043	mg/kg dry	05/20/2024	PB
n-Propylbenzene	ND		0.043	mg/kg dry	05/20/2024	PB
1,2,3-Trichloropropane	ND		0.059	mg/kg dry	05/20/2024	PB
2-Chlorotoluene	ND		0.043	mg/kg dry	05/20/2024	PB
1,3,5-Trimethylbenzene	ND		0.043	mg/kg dry	05/20/2024	PB
4-Chlorotoluene	ND		0.043	mg/kg dry	05/20/2024	PB
tert-Butylbenzene	ND		0.043	mg/kg dry	05/20/2024	PB
1,2,4-Trimethylbenzene	ND		0.043	mg/kg dry	05/20/2024	PB
sec-Butylbenzene	ND		0.043	mg/kg dry	05/20/2024	PB
p-Isopropyltoluene	ND		0.043	mg/kg dry	05/20/2024	PB
1,3-Dichlorobenzene	ND		0.043	mg/kg dry	05/20/2024	PB
1,4-Dichlorobenzene	ND		0.043	mg/kg dry	05/20/2024	PB
n-Butylbenzene	ND		0.043	mg/kg dry	05/20/2024	PB
1,2-Dichlorobenzene	ND		0.043	mg/kg dry	05/20/2024	PB
1,2-Dibromo-3-Chloropropane	ND		0.16	mg/kg dry	05/20/2024	PB
1,2,4-Trichlorobenzene	ND		0.16	mg/kg dry	05/20/2024	PB
Naphthalene	ND		0.11	mg/kg dry	05/20/2024	PB
1,2,3-Trichlorobenzene	ND		0.16	mg/kg dry	05/20/2024	PB
Surrogate: Dibromofluoromethane	*108%*		*49.6-175*		*05/20/2024*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*112%*		*31.7-194*		*05/20/2024*	*PB*
Surrogate: Toluene-d8	*87.8%*		*52.9-135*		*05/20/2024*	*PB*
Surrogate: 4-Bromofluorobenzene	*92.6%*		*50.8-121*		*05/20/2024*	*PB*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		11	mg/kg dry	05/20/2024	PB
Surrogate: Toluene-d8	*87.8%*		*52.9-135*		*05/20/2024*	*PB*
Diesel and Oil by NWTPH-Dx/Dx						
Diesel	ND		69	mg/kg dry	05/20/2024	PB
Oil	ND		340	mg/kg dry	05/20/2024	PB
Surrogate: 2-FBP	*93.6%*		*38.9-154*		*05/20/2024*	*PB*
Moisture by ASTM D2216-19						
Moisture	28		0.50	%	05/20/2024	PB

Adapt Consulting
617 8th Avenue South
Seattle, WA 98104

Project: ICOPS Highway 99
Project Number: WA24-20621-ENV
Project Manager: Daryl Petrarca

City/State: Lynnwood, WA
Work Order: L24E061
Reported: 05/21/2024 13:50

Sample Results (Continued)

Client Sample ID: 20621-B-N

Lab ID: L24E061-06 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Dichlorodifluoromethane	ND		0.059	mg/kg dry	05/20/2024	PB
Chloromethane	ND		0.059	mg/kg dry	05/20/2024	PB
Vinyl Chloride (SIM)	ND		0.020	mg/kg dry	05/20/2024	PB
Bromomethane	ND		0.088	mg/kg dry	05/20/2024	PB
Chloroethane	ND		0.059	mg/kg dry	05/20/2024	PB
Trichlorofluoromethane	ND		0.049	mg/kg dry	05/20/2024	PB
1,1-Dichloroethene	ND		0.049	mg/kg dry	05/20/2024	PB
Methylene chloride	ND		0.020	mg/kg dry	05/20/2024	PB
Methyl tert-Butyl Ether (MTBE)	ND		0.049	mg/kg dry	05/20/2024	PB
trans-1,2-Dichloroethene	ND		0.029	mg/kg dry	05/20/2024	PB
1,1-Dichloroethane	ND		0.029	mg/kg dry	05/20/2024	PB
2,2-Dichloropropane	ND		0.049	mg/kg dry	05/20/2024	PB
cis-1,2-Dichloroethene	ND		0.029	mg/kg dry	05/20/2024	PB
Chloroform	ND		0.029	mg/kg dry	05/20/2024	PB
1,1,1-Trichloroethane (TCA)	ND		0.029	mg/kg dry	05/20/2024	PB
Carbon tetrachloride	ND		0.029	mg/kg dry	05/20/2024	PB
1,1-Dichloropropene	ND		0.029	mg/kg dry	05/20/2024	PB
Benzene	ND		0.020	mg/kg dry	05/20/2024	PB
1,2-Dichloroethane (EDC)	ND		0.029	mg/kg dry	05/20/2024	PB
Trichloroethene (SIM)	ND		0.020	mg/kg dry	05/20/2024	PB
1,2-Dichloropropane	ND		0.029	mg/kg dry	05/20/2024	PB
Dibromomethane	ND		0.039	mg/kg dry	05/20/2024	PB
Bromodichloromethane	ND		0.029	mg/kg dry	05/20/2024	PB
cis-1,3-Dichloropropene	ND		0.029	mg/kg dry	05/20/2024	PB
Toluene	ND		0.098	mg/kg dry	05/20/2024	PB
Trans-1,3-Dichloropropene	ND		0.029	mg/kg dry	05/20/2024	PB
1,1,2-Trichloroethane	ND		0.029	mg/kg dry	05/20/2024	PB
Tetrachloroethene (SIM)	ND		0.020	mg/kg dry	05/20/2024	PB
1,3-Dichloropropane	ND		0.049	mg/kg dry	05/20/2024	PB
Dibromochloromethane	ND		0.029	mg/kg dry	05/20/2024	PB
1,2-Dibromoethane (EDB) (SIM)	ND		0.0025	mg/kg dry	05/20/2024	PB
Chlorobenzene	ND		0.029	mg/kg dry	05/20/2024	PB
Ethylbenzene	ND		0.049	mg/kg dry	05/20/2024	PB
1,1,1,2-Tetrachloroethane	ND		0.049	mg/kg dry	05/20/2024	PB
Total Xylenes	ND		0.15	mg/kg dry	05/20/2024	PB

Adapt Consulting 617 8th Avenue South Seattle, WA 98104	**Project:** ICOPS Highway 99 **Project Number:** WA24-20621-ENV **Project Manager:** Daryl Petrarca	**City/State:** Lynnwood, WA **Work Order:** L24E061 **Reported:** 05/21/2024 13:50

Sample Results (Continued)

Client Sample ID: 20621-B-N

Lab ID: L24E061-06 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D (Continued)						
Styrene	ND		0.029	mg/kg dry	05/20/2024	PB
Bromoform	ND		0.15	mg/kg dry	05/20/2024	PB
Isopropylbenzene	ND		0.049	mg/kg dry	05/20/2024	PB
1,1,2,2-Tetrachloroethane	ND		0.15	mg/kg dry	05/20/2024	PB
Bromobenzene	ND		0.039	mg/kg dry	05/20/2024	PB
n-Propylbenzene	ND		0.039	mg/kg dry	05/20/2024	PB
1,2,3-Trichloropropane	ND		0.054	mg/kg dry	05/20/2024	PB
2-Chlorotoluene	ND		0.039	mg/kg dry	05/20/2024	PB
1,3,5-Trimethylbenzene	ND		0.039	mg/kg dry	05/20/2024	PB
4-Chlorotoluene	ND		0.039	mg/kg dry	05/20/2024	PB
tert-Butylbenzene	ND		0.039	mg/kg dry	05/20/2024	PB
1,2,4-Trimethylbenzene	ND		0.039	mg/kg dry	05/20/2024	PB
sec-Butylbenzene	ND		0.039	mg/kg dry	05/20/2024	PB
p-Isopropyltoluene	ND		0.039	mg/kg dry	05/20/2024	PB
1,3-Dichlorobenzene	ND		0.039	mg/kg dry	05/20/2024	PB
1,4-Dichlorobenzene	ND		0.039	mg/kg dry	05/20/2024	PB
n-Butylbenzene	ND		0.039	mg/kg dry	05/20/2024	PB
1,2-Dichlorobenzene	ND		0.039	mg/kg dry	05/20/2024	PB
1,2-Dibromo-3-Chloropropane	ND		0.15	mg/kg dry	05/20/2024	PB
1,2,4-Trichlorobenzene	ND		0.15	mg/kg dry	05/20/2024	PB
Naphthalene	ND		0.098	mg/kg dry	05/20/2024	PB
1,2,3-Trichlorobenzene	ND		0.15	mg/kg dry	05/20/2024	PB
Surrogate: Dibromofluoromethane	*114%*		*49.6-175*		*05/20/2024*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*140%*		*31.7-194*		*05/20/2024*	*PB*
Surrogate: Toluene-d8	*88.6%*		*52.9-135*		*05/20/2024*	*PB*
Surrogate: 4-Bromofluorobenzene	*91.6%*		*50.8-121*		*05/20/2024*	*PB*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		9.8	mg/kg dry	05/20/2024	PB
Surrogate: Toluene-d8	*88.6%*		*52.9-135*		*05/20/2024*	*PB*
Diesel and Oil by NWTPH-Dx/Dx						
Diesel	ND		66	mg/kg dry	05/20/2024	PB
Oil	ND		330	mg/kg dry	05/20/2024	PB
Surrogate: 2-FBP	*90.7%*		*38.9-154*		*05/20/2024*	*PB*
Moisture by ASTM D2216-19						
Moisture	24		0.50	%	05/20/2024	PB

Adapt Consulting
617 8th Avenue South
Seattle, WA 98104

Project: ICOPS Highway 99
Project Number: WA24-20621-ENV
Project Manager: Daryl Petrarca

City/State: Lynnwood, WA
Work Order: L24E061
Reported: 05/21/2024 13:50

Sample Results (Continued)

Client Sample ID: 20621-B-WW

Lab ID: L24E061-07 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Dichlorodifluoromethane	ND		0.064	mg/kg dry	05/20/2024	PB
Chloromethane	ND		0.064	mg/kg dry	05/20/2024	PB
Vinyl Chloride (SIM)	ND		0.021	mg/kg dry	05/20/2024	PB
Bromomethane	ND		0.096	mg/kg dry	05/20/2024	PB
Chloroethane	ND		0.064	mg/kg dry	05/20/2024	PB
Trichlorofluoromethane	ND		0.054	mg/kg dry	05/20/2024	PB
1,1-Dichloroethene	ND		0.054	mg/kg dry	05/20/2024	PB
Methylene chloride	ND		0.021	mg/kg dry	05/20/2024	PB
Methyl tert-Butyl Ether (MTBE)	ND		0.054	mg/kg dry	05/20/2024	PB
trans-1,2-Dichloroethene	ND		0.032	mg/kg dry	05/20/2024	PB
1,1-Dichloroethane	ND		0.032	mg/kg dry	05/20/2024	PB
2,2-Dichloropropane	ND		0.054	mg/kg dry	05/20/2024	PB
cis-1,2-Dichloroethene	ND		0.032	mg/kg dry	05/20/2024	PB
Chloroform	ND		0.032	mg/kg dry	05/20/2024	PB
1,1,1-Trichloroethane (TCA)	ND		0.032	mg/kg dry	05/20/2024	PB
Carbon tetrachloride	ND		0.032	mg/kg dry	05/20/2024	PB
1,1-Dichloropropene	ND		0.032	mg/kg dry	05/20/2024	PB
Benzene	ND		0.021	mg/kg dry	05/20/2024	PB
1,2-Dichloroethane (EDC)	ND		0.032	mg/kg dry	05/20/2024	PB
Trichloroethene (SIM)	ND		0.021	mg/kg dry	05/20/2024	PB
1,2-Dichloropropane	ND		0.032	mg/kg dry	05/20/2024	PB
Dibromomethane	ND		0.043	mg/kg dry	05/20/2024	PB
Bromodichloromethane	ND		0.032	mg/kg dry	05/20/2024	PB
cis-1,3-Dichloropropene	ND		0.032	mg/kg dry	05/20/2024	PB
Toluene	ND		0.11	mg/kg dry	05/20/2024	PB
Trans-1,3-Dichloropropene	ND		0.032	mg/kg dry	05/20/2024	PB
1,1,2-Trichloroethane	ND		0.032	mg/kg dry	05/20/2024	PB
Tetrachloroethene (SIM)	ND		0.021	mg/kg dry	05/20/2024	PB
1,3-Dichloropropane	ND		0.054	mg/kg dry	05/20/2024	PB
Dibromochloromethane	ND		0.032	mg/kg dry	05/20/2024	PB
1,2-Dibromoethane (EDB) (SIM)	ND		0.0027	mg/kg dry	05/20/2024	PB
Chlorobenzene	ND		0.032	mg/kg dry	05/20/2024	PB
Ethylbenzene	ND		0.054	mg/kg dry	05/20/2024	PB
1,1,1,2-Tetrachloroethane	ND		0.054	mg/kg dry	05/20/2024	PB
Total Xylenes	ND		0.16	mg/kg dry	05/20/2024	PB

Adapt Consulting 617 8th Avenue South Seattle, WA 98104	**Project:** ICOPS Highway 99 **Project Number:** WA24-20621-ENV **Project Manager:** Daryl Petrarca	**City/State:** Lynnwood, WA **Work Order:** L24E061 **Reported:** 05/21/2024 13:50

Sample Results (Continued)

Client Sample ID: 20621-B-WW

Lab ID: L24E061-07 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D (Continued)						
Styrene	ND		0.032	mg/kg dry	05/20/2024	PB
Bromoform	ND		0.16	mg/kg dry	05/20/2024	PB
Isopropylbenzene	ND		0.054	mg/kg dry	05/20/2024	PB
1,1,2,2-Tetrachloroethane	ND		0.16	mg/kg dry	05/20/2024	PB
Bromobenzene	ND		0.043	mg/kg dry	05/20/2024	PB
n-Propylbenzene	ND		0.043	mg/kg dry	05/20/2024	PB
1,2,3-Trichloropropane	ND		0.059	mg/kg dry	05/20/2024	PB
2-Chlorotoluene	ND		0.043	mg/kg dry	05/20/2024	PB
1,3,5-Trimethylbenzene	ND		0.043	mg/kg dry	05/20/2024	PB
4-Chlorotoluene	ND		0.043	mg/kg dry	05/20/2024	PB
tert-Butylbenzene	ND		0.043	mg/kg dry	05/20/2024	PB
1,2,4-Trimethylbenzene	ND		0.043	mg/kg dry	05/20/2024	PB
sec-Butylbenzene	ND		0.043	mg/kg dry	05/20/2024	PB
p-Isopropyltoluene	ND		0.043	mg/kg dry	05/20/2024	PB
1,3-Dichlorobenzene	ND		0.043	mg/kg dry	05/20/2024	PB
1,4-Dichlorobenzene	ND		0.043	mg/kg dry	05/20/2024	PB
n-Butylbenzene	ND		0.043	mg/kg dry	05/20/2024	PB
1,2-Dichlorobenzene	ND		0.043	mg/kg dry	05/20/2024	PB
1,2-Dibromo-3-Chloropropane	ND		0.16	mg/kg dry	05/20/2024	PB
1,2,4-Trichlorobenzene	ND		0.16	mg/kg dry	05/20/2024	PB
Naphthalene	ND		0.11	mg/kg dry	05/20/2024	PB
1,2,3-Trichlorobenzene	ND		0.16	mg/kg dry	05/20/2024	PB
Surrogate: Dibromofluoromethane	*107%*		*49.6-175*		*05/20/2024*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*114%*		*31.7-194*		*05/20/2024*	*PB*
Surrogate: Toluene-d8	*82.8%*		*52.9-135*		*05/20/2024*	*PB*
Surrogate: 4-Bromofluorobenzene	*88.4%*		*50.8-121*		*05/20/2024*	*PB*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		11	mg/kg dry	05/20/2024	PB
Surrogate: Toluene-d8	*82.8%*		*52.9-135*		*05/20/2024*	*PB*
Diesel and Oil by NWTPH-Dx/Dx						
Diesel	ND		69	mg/kg dry	05/20/2024	PB
Oil	920		340	mg/kg dry	05/20/2024	PB
Surrogate: 2-FBP	*141%*		*38.9-154*		*05/20/2024*	*PB*
Moisture by ASTM D2216-19						
Moisture	27		0.50	%	05/20/2024	PB

Adapt Consulting
617 8th Avenue South
Seattle, WA 98104

Project: ICOPS Highway 99
Project Number: WA24-20621-ENV
Project Manager: Daryl Petrarca

City/State: Lynnwood, WA
Work Order: L24E061
Reported: 05/21/2024 13:50

Sample Results (Continued)

Client Sample ID: 20621-B-EW

Lab ID: L24E061-08 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Dichlorodifluoromethane	ND		0.066	mg/kg dry	05/20/2024	PB
Chloromethane	ND		0.066	mg/kg dry	05/20/2024	PB
Vinyl Chloride (SIM)	ND		0.022	mg/kg dry	05/20/2024	PB
Bromomethane	ND		0.10	mg/kg dry	05/20/2024	PB
Chloroethane	ND		0.066	mg/kg dry	05/20/2024	PB
Trichlorofluoromethane	ND		0.055	mg/kg dry	05/20/2024	PB
1,1-Dichloroethene	ND		0.055	mg/kg dry	05/20/2024	PB
Methylene chloride	ND		0.022	mg/kg dry	05/20/2024	PB
Methyl tert-Butyl Ether (MTBE)	ND		0.055	mg/kg dry	05/20/2024	PB
trans-1,2-Dichloroethene	ND		0.033	mg/kg dry	05/20/2024	PB
1,1-Dichloroethane	ND		0.033	mg/kg dry	05/20/2024	PB
2,2-Dichloropropane	ND		0.055	mg/kg dry	05/20/2024	PB
cis-1,2-Dichloroethene	ND		0.033	mg/kg dry	05/20/2024	PB
Chloroform	ND		0.033	mg/kg dry	05/20/2024	PB
1,1,1-Trichloroethane (TCA)	ND		0.033	mg/kg dry	05/20/2024	PB
Carbon tetrachloride	ND		0.033	mg/kg dry	05/20/2024	PB
1,1-Dichloropropene	ND		0.033	mg/kg dry	05/20/2024	PB
Benzene	ND		0.022	mg/kg dry	05/20/2024	PB
1,2-Dichloroethane (EDC)	ND		0.033	mg/kg dry	05/20/2024	PB
Trichloroethene (SIM)	ND		0.022	mg/kg dry	05/20/2024	PB
1,2-Dichloropropane	ND		0.033	mg/kg dry	05/20/2024	PB
Dibromomethane	ND		0.044	mg/kg dry	05/20/2024	PB
Bromodichloromethane	ND		0.033	mg/kg dry	05/20/2024	PB
cis-1,3-Dichloropropene	ND		0.033	mg/kg dry	05/20/2024	PB
Toluene	ND		0.11	mg/kg dry	05/20/2024	PB
Trans-1,3-Dichloropropene	ND		0.033	mg/kg dry	05/20/2024	PB
1,1,2-Trichloroethane	ND		0.033	mg/kg dry	05/20/2024	PB
Tetrachloroethene (SIM)	ND		0.022	mg/kg dry	05/20/2024	PB
1,3-Dichloropropane	ND		0.055	mg/kg dry	05/20/2024	PB
Dibromochloromethane	ND		0.033	mg/kg dry	05/20/2024	PB
1,2-Dibromoethane (EDB) (SIM)	ND		0.0028	mg/kg dry	05/20/2024	PB
Chlorobenzene	ND		0.033	mg/kg dry	05/20/2024	PB
Ethylbenzene	ND		0.055	mg/kg dry	05/20/2024	PB
1,1,1,2-Tetrachloroethane	ND		0.055	mg/kg dry	05/20/2024	PB
Total Xylenes	ND		0.17	mg/kg dry	05/20/2024	PB

Adapt Consulting 617 8th Avenue South Seattle, WA 98104	**Project:** ICOPS Highway 99 **Project Number:** WA24-20621-ENV **Project Manager:** Daryl Petrarca	**City/State:** Lynnwood, WA **Work Order:** L24E061 **Reported:** 05/21/2024 13:50

Sample Results (Continued)

Client Sample ID: 20621-B-EW

Lab ID: L24E061-08 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D (Continued)						
Styrene	ND		0.033	mg/kg dry	05/20/2024	PB
Bromoform	ND		0.17	mg/kg dry	05/20/2024	PB
Isopropylbenzene	ND		0.055	mg/kg dry	05/20/2024	PB
1,1,2,2-Tetrachloroethane	ND		0.17	mg/kg dry	05/20/2024	PB
Bromobenzene	ND		0.044	mg/kg dry	05/20/2024	PB
n-Propylbenzene	ND		0.044	mg/kg dry	05/20/2024	PB
1,2,3-Trichloropropane	ND		0.061	mg/kg dry	05/20/2024	PB
2-Chlorotoluene	ND		0.044	mg/kg dry	05/20/2024	PB
1,3,5-Trimethylbenzene	ND		0.044	mg/kg dry	05/20/2024	PB
4-Chlorotoluene	ND		0.044	mg/kg dry	05/20/2024	PB
tert-Butylbenzene	ND		0.044	mg/kg dry	05/20/2024	PB
1,2,4-Trimethylbenzene	ND		0.044	mg/kg dry	05/20/2024	PB
sec-Butylbenzene	ND		0.044	mg/kg dry	05/20/2024	PB
p-Isopropyltoluene	ND		0.044	mg/kg dry	05/20/2024	PB
1,3-Dichlorobenzene	ND		0.044	mg/kg dry	05/20/2024	PB
1,4-Dichlorobenzene	ND		0.044	mg/kg dry	05/20/2024	PB
n-Butylbenzene	ND		0.044	mg/kg dry	05/20/2024	PB
1,2-Dichlorobenzene	ND		0.044	mg/kg dry	05/20/2024	PB
1,2-Dibromo-3-Chloropropane	ND		0.17	mg/kg dry	05/20/2024	PB
1,2,4-Trichlorobenzene	ND		0.17	mg/kg dry	05/20/2024	PB
Naphthalene	ND		0.11	mg/kg dry	05/20/2024	PB
1,2,3-Trichlorobenzene	ND		0.17	mg/kg dry	05/20/2024	PB
Surrogate: Dibromofluoromethane	*111%*		*49.6-175*		*05/20/2024*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*112%*		*31.7-194*		*05/20/2024*	*PB*
Surrogate: Toluene-d8	*77.1%*		*52.9-135*		*05/20/2024*	*PB*
Surrogate: 4-Bromofluorobenzene	*80.7%*		*50.8-121*		*05/20/2024*	*PB*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		11	mg/kg dry	05/20/2024	PB
Surrogate: Toluene-d8	*77.1%*		*52.9-135*		*05/20/2024*	*PB*
Diesel and Oil by NWTPH-Dx/Dx						
Diesel	ND		70	mg/kg dry	05/20/2024	PB
Oil	720		350	mg/kg dry	05/20/2024	PB
Surrogate: 2-FBP	*92.5%*		*38.9-154*		*05/20/2024*	*PB*
Moisture by ASTM D2216-19						
Moisture	29		0.50	%	05/20/2024	PB

Adapt Consulting 617 8th Avenue South Seattle, WA 98104	**Project:** ICOPS Highway 99 **Project Number:** WA24-20621-ENV **Project Manager:** Daryl Petrarca	**City/State:** Lynnwood, WA **Work Order:** L24E061 **Reported:** 05/21/2024 13:50

Sample Results (Continued)

Client Sample ID: 20621-B-B

Lab ID: L24E061-09 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Dichlorodifluoromethane	ND		0.063	mg/kg dry	05/20/2024	PB
Chloromethane	ND		0.063	mg/kg dry	05/20/2024	PB
Vinyl Chloride (SIM)	ND		0.021	mg/kg dry	05/20/2024	PB
Bromomethane	ND		0.094	mg/kg dry	05/20/2024	PB
Chloroethane	ND		0.063	mg/kg dry	05/20/2024	PB
Trichlorofluoromethane	ND		0.052	mg/kg dry	05/20/2024	PB
1,1-Dichloroethene	ND		0.052	mg/kg dry	05/20/2024	PB
Methylene chloride	ND		0.021	mg/kg dry	05/20/2024	PB
Methyl tert-Butyl Ether (MTBE)	ND		0.052	mg/kg dry	05/20/2024	PB
trans-1,2-Dichloroethene	ND		0.031	mg/kg dry	05/20/2024	PB
1,1-Dichloroethane	ND		0.031	mg/kg dry	05/20/2024	PB
2,2-Dichloropropane	ND		0.052	mg/kg dry	05/20/2024	PB
cis-1,2-Dichloroethene	ND		0.031	mg/kg dry	05/20/2024	PB
Chloroform	ND		0.031	mg/kg dry	05/20/2024	PB
1,1,1-Trichloroethane (TCA)	ND		0.031	mg/kg dry	05/20/2024	PB
Carbon tetrachloride	ND		0.031	mg/kg dry	05/20/2024	PB
1,1-Dichloropropene	ND		0.031	mg/kg dry	05/20/2024	PB
Benzene	ND		0.021	mg/kg dry	05/20/2024	PB
1,2-Dichloroethane (EDC)	ND		0.031	mg/kg dry	05/20/2024	PB
Trichloroethene (SIM)	ND		0.021	mg/kg dry	05/20/2024	PB
1,2-Dichloropropane	ND		0.031	mg/kg dry	05/20/2024	PB
Dibromomethane	ND		0.042	mg/kg dry	05/20/2024	PB
Bromodichloromethane	ND		0.031	mg/kg dry	05/20/2024	PB
cis-1,3-Dichloropropene	ND		0.031	mg/kg dry	05/20/2024	PB
Toluene	ND		0.10	mg/kg dry	05/20/2024	PB
Trans-1,3-Dichloropropene	ND		0.031	mg/kg dry	05/20/2024	PB
1,1,2-Trichloroethane	ND		0.031	mg/kg dry	05/20/2024	PB
Tetrachloroethene (SIM)	ND		0.021	mg/kg dry	05/20/2024	PB
1,3-Dichloropropane	ND		0.052	mg/kg dry	05/20/2024	PB
Dibromochloromethane	ND		0.031	mg/kg dry	05/20/2024	PB
1,2-Dibromoethane (EDB) (SIM)	ND		0.0026	mg/kg dry	05/20/2024	PB
Chlorobenzene	ND		0.031	mg/kg dry	05/20/2024	PB
Ethylbenzene	ND		0.052	mg/kg dry	05/20/2024	PB
1,1,1,2-Tetrachloroethane	ND		0.052	mg/kg dry	05/20/2024	PB
Total Xylenes	ND		0.16	mg/kg dry	05/20/2024	PB

Adapt Consulting 617 8th Avenue South Seattle, WA 98104	**Project:** ICOPS Highway 99 **Project Number:** WA24-20621-ENV **Project Manager:** Daryl Petrarca	**City/State:** Lynnwood, WA **Work Order:** L24E061 **Reported:** 05/21/2024 13:50

Sample Results (Continued)

Client Sample ID: 20621-B-B

Lab ID: L24E061-09 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D (Continued)						
Styrene	ND		0.031	mg/kg dry	05/20/2024	PB
Bromoform	ND		0.16	mg/kg dry	05/20/2024	PB
Isopropylbenzene	ND		0.052	mg/kg dry	05/20/2024	PB
1,1,2,2-Tetrachloroethane	ND		0.16	mg/kg dry	05/20/2024	PB
Bromobenzene	ND		0.042	mg/kg dry	05/20/2024	PB
n-Propylbenzene	ND		0.042	mg/kg dry	05/20/2024	PB
1,2,3-Trichloropropane	ND		0.058	mg/kg dry	05/20/2024	PB
2-Chlorotoluene	ND		0.042	mg/kg dry	05/20/2024	PB
1,3,5-Trimethylbenzene	ND		0.042	mg/kg dry	05/20/2024	PB
4-Chlorotoluene	ND		0.042	mg/kg dry	05/20/2024	PB
tert-Butylbenzene	ND		0.042	mg/kg dry	05/20/2024	PB
1,2,4-Trimethylbenzene	ND		0.042	mg/kg dry	05/20/2024	PB
sec-Butylbenzene	ND		0.042	mg/kg dry	05/20/2024	PB
p-Isopropyltoluene	ND		0.042	mg/kg dry	05/20/2024	PB
1,3-Dichlorobenzene	ND		0.042	mg/kg dry	05/20/2024	PB
1,4-Dichlorobenzene	ND		0.042	mg/kg dry	05/20/2024	PB
n-Butylbenzene	ND		0.042	mg/kg dry	05/20/2024	PB
1,2-Dichlorobenzene	ND		0.042	mg/kg dry	05/20/2024	PB
1,2-Dibromo-3-Chloropropane	ND		0.16	mg/kg dry	05/20/2024	PB
1,2,4-Trichlorobenzene	ND		0.16	mg/kg dry	05/20/2024	PB
Naphthalene	ND		0.10	mg/kg dry	05/20/2024	PB
1,2,3-Trichlorobenzene	ND		0.16	mg/kg dry	05/20/2024	PB
Surrogate: Dibromofluoromethane	*113%*		*49.6-175*		*05/20/2024*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*123%*		*31.7-194*		*05/20/2024*	*PB*
Surrogate: Toluene-d8	*78.5%*		*52.9-135*		*05/20/2024*	*PB*
Surrogate: 4-Bromofluorobenzene	*81.8%*		*50.8-121*		*05/20/2024*	*PB*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		10	mg/kg dry	05/20/2024	PB
Surrogate: Toluene-d8	*78.5%*		*52.9-135*		*05/20/2024*	*PB*
Diesel and Oil by NWTPH-Dx/Dx						
Diesel	ND		68	mg/kg dry	05/20/2024	PB
Oil	ND		340	mg/kg dry	05/20/2024	PB
Surrogate: 2-FBP	*98.2%*		*38.9-154*		*05/20/2024*	*PB*
Moisture by ASTM D2216-19						
Moisture	28		0.50	%	05/20/2024	PB

Adapt Consulting
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Seattle, WA 98104

Project: ICOPS Highway 99
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Project Manager: Daryl Petrarca

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Sample Results (Continued)

Client Sample ID: 20621-A-B

Lab ID: L24E061-10 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Dichlorodifluoromethane	ND		0.052	mg/kg dry	05/20/2024	PB
Chloromethane	ND		0.052	mg/kg dry	05/20/2024	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	05/20/2024	PB
Bromomethane	ND		0.078	mg/kg dry	05/20/2024	PB
Chloroethane	ND		0.052	mg/kg dry	05/20/2024	PB
Trichlorofluoromethane	ND		0.043	mg/kg dry	05/20/2024	PB
1,1-Dichloroethene	ND		0.043	mg/kg dry	05/20/2024	PB
Methylene chloride	ND		0.017	mg/kg dry	05/20/2024	PB
Methyl tert-Butyl Ether (MTBE)	ND		0.043	mg/kg dry	05/20/2024	PB
trans-1,2-Dichloroethene	ND		0.026	mg/kg dry	05/20/2024	PB
1,1-Dichloroethane	ND		0.026	mg/kg dry	05/20/2024	PB
2,2-Dichloropropane	ND		0.043	mg/kg dry	05/20/2024	PB
cis-1,2-Dichloroethene	ND		0.026	mg/kg dry	05/20/2024	PB
Chloroform	ND		0.026	mg/kg dry	05/20/2024	PB
1,1,1-Trichloroethane (TCA)	ND		0.026	mg/kg dry	05/20/2024	PB
Carbon tetrachloride	ND		0.026	mg/kg dry	05/20/2024	PB
1,1-Dichloropropene	ND		0.026	mg/kg dry	05/20/2024	PB
Benzene	ND		0.017	mg/kg dry	05/20/2024	PB
1,2-Dichloroethane (EDC)	ND		0.026	mg/kg dry	05/20/2024	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	05/20/2024	PB
1,2-Dichloropropane	ND		0.026	mg/kg dry	05/20/2024	PB
Dibromomethane	ND		0.035	mg/kg dry	05/20/2024	PB
Bromodichloromethane	ND		0.026	mg/kg dry	05/20/2024	PB
cis-1,3-Dichloropropene	ND		0.026	mg/kg dry	05/20/2024	PB
Toluene	ND		0.087	mg/kg dry	05/20/2024	PB
Trans-1,3-Dichloropropene	ND		0.026	mg/kg dry	05/20/2024	PB
1,1,2-Trichloroethane	ND		0.026	mg/kg dry	05/20/2024	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	05/20/2024	PB
1,3-Dichloropropane	ND		0.043	mg/kg dry	05/20/2024	PB
Dibromochloromethane	ND		0.026	mg/kg dry	05/20/2024	PB
1,2-Dibromoethane (EDB) (SIM)	ND		0.0022	mg/kg dry	05/20/2024	PB
Chlorobenzene	ND		0.026	mg/kg dry	05/20/2024	PB
Ethylbenzene	ND		0.043	mg/kg dry	05/20/2024	PB
1,1,1,2-Tetrachloroethane	ND		0.043	mg/kg dry	05/20/2024	PB
Total Xylenes	ND		0.13	mg/kg dry	05/20/2024	PB

Adapt Consulting
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Project: ICOPS Highway 99
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Project Manager: Daryl Petrarca

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Sample Results (Continued)

Client Sample ID: 20621-A-B

Lab ID: L24E061-10 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D (Continued)						
Styrene	ND		0.026	mg/kg dry	05/20/2024	PB
Bromoform	ND		0.13	mg/kg dry	05/20/2024	PB
Isopropylbenzene	ND		0.043	mg/kg dry	05/20/2024	PB
1,1,2,2-Tetrachloroethane	ND		0.13	mg/kg dry	05/20/2024	PB
Bromobenzene	ND		0.035	mg/kg dry	05/20/2024	PB
n-Propylbenzene	ND		0.035	mg/kg dry	05/20/2024	PB
1,2,3-Trichloropropane	ND		0.048	mg/kg dry	05/20/2024	PB
2-Chlorotoluene	ND		0.035	mg/kg dry	05/20/2024	PB
1,3,5-Trimethylbenzene	ND		0.035	mg/kg dry	05/20/2024	PB
4-Chlorotoluene	ND		0.035	mg/kg dry	05/20/2024	PB
tert-Butylbenzene	ND		0.035	mg/kg dry	05/20/2024	PB
1,2,4-Trimethylbenzene	ND		0.035	mg/kg dry	05/20/2024	PB
sec-Butylbenzene	ND		0.035	mg/kg dry	05/20/2024	PB
p-Isopropyltoluene	ND		0.035	mg/kg dry	05/20/2024	PB
1,3-Dichlorobenzene	ND		0.035	mg/kg dry	05/20/2024	PB
1,4-Dichlorobenzene	ND		0.035	mg/kg dry	05/20/2024	PB
n-Butylbenzene	ND		0.035	mg/kg dry	05/20/2024	PB
1,2-Dichlorobenzene	ND		0.035	mg/kg dry	05/20/2024	PB
1,2-Dibromo-3-Chloropropane	ND		0.13	mg/kg dry	05/20/2024	PB
1,2,4-Trichlorobenzene	ND		0.13	mg/kg dry	05/20/2024	PB
Naphthalene	ND		0.087	mg/kg dry	05/20/2024	PB
1,2,3-Trichlorobenzene	ND		0.13	mg/kg dry	05/20/2024	PB
Surrogate: Dibromofluoromethane	*117%*		*49.6-175*		*05/20/2024*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*131%*		*31.7-194*		*05/20/2024*	*PB*
Surrogate: Toluene-d8	*104%*		*52.9-135*		*05/20/2024*	*PB*
Surrogate: 4-Bromofluorobenzene	*77.9%*		*50.8-121*		*05/20/2024*	*PB*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		8.7	mg/kg dry	05/20/2024	PB
Surrogate: Toluene-d8	*104%*		*52.9-135*		*05/20/2024*	*PB*
Diesel and Oil by NWTPH-Dx/Dx						
Diesel	ND		62	mg/kg dry	05/20/2024	PB
Oil	ND		310	mg/kg dry	05/20/2024	PB
Surrogate: 2-FBP	*121%*		*38.9-154*		*05/20/2024*	*PB*
Moisture by ASTM D2216-19						
Moisture	19		0.50	%	05/20/2024	PB

Adapt Consulting
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Seattle, WA 98104

Project: ICOPS Highway 99
Project Number: WA24-20621-ENV
Project Manager: Daryl Petrarca

City/State: Lynnwood, WA
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Sample Results (Continued)

Client Sample ID: 20621-C-B

Lab ID: L24E061-11 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Dichlorodifluoromethane	ND		0.054	mg/kg dry	05/20/2024	PB
Chloromethane	ND		0.054	mg/kg dry	05/20/2024	PB
Vinyl Chloride (SIM)	ND		0.018	mg/kg dry	05/20/2024	PB
Bromomethane	ND		0.082	mg/kg dry	05/20/2024	PB
Chloroethane	ND		0.054	mg/kg dry	05/20/2024	PB
Trichlorofluoromethane	ND		0.045	mg/kg dry	05/20/2024	PB
1,1-Dichloroethene	ND		0.045	mg/kg dry	05/20/2024	PB
Methylene chloride	ND		0.018	mg/kg dry	05/20/2024	PB
Methyl tert-Butyl Ether (MTBE)	ND		0.045	mg/kg dry	05/20/2024	PB
trans-1,2-Dichloroethene	ND		0.027	mg/kg dry	05/20/2024	PB
1,1-Dichloroethane	ND		0.027	mg/kg dry	05/20/2024	PB
2,2-Dichloropropane	ND		0.045	mg/kg dry	05/20/2024	PB
cis-1,2-Dichloroethene	ND		0.027	mg/kg dry	05/20/2024	PB
Chloroform	ND		0.027	mg/kg dry	05/20/2024	PB
1,1,1-Trichloroethane (TCA)	ND		0.027	mg/kg dry	05/20/2024	PB
Carbon tetrachloride	ND		0.027	mg/kg dry	05/20/2024	PB
1,1-Dichloropropene	ND		0.027	mg/kg dry	05/20/2024	PB
Benzene	ND		0.018	mg/kg dry	05/20/2024	PB
1,2-Dichloroethane (EDC)	ND		0.027	mg/kg dry	05/20/2024	PB
Trichloroethene (SIM)	ND		0.018	mg/kg dry	05/20/2024	PB
1,2-Dichloropropane	ND		0.027	mg/kg dry	05/20/2024	PB
Dibromomethane	ND		0.036	mg/kg dry	05/20/2024	PB
Bromodichloromethane	ND		0.027	mg/kg dry	05/20/2024	PB
cis-1,3-Dichloropropene	ND		0.027	mg/kg dry	05/20/2024	PB
Toluene	ND		0.091	mg/kg dry	05/20/2024	PB
Trans-1,3-Dichloropropene	ND		0.027	mg/kg dry	05/20/2024	PB
1,1,2-Trichloroethane	ND		0.027	mg/kg dry	05/20/2024	PB
Tetrachloroethene (SIM)	ND		0.018	mg/kg dry	05/20/2024	PB
1,3-Dichloropropane	ND		0.045	mg/kg dry	05/20/2024	PB
Dibromochloromethane	ND		0.027	mg/kg dry	05/20/2024	PB
1,2-Dibromoethane (EDB) (SIM)	ND		0.0023	mg/kg dry	05/20/2024	PB
Chlorobenzene	ND		0.027	mg/kg dry	05/20/2024	PB
Ethylbenzene	ND		0.045	mg/kg dry	05/20/2024	PB
1,1,1,2-Tetrachloroethane	ND		0.045	mg/kg dry	05/20/2024	PB
Total Xylenes	ND		0.14	mg/kg dry	05/20/2024	PB

Adapt Consulting 617 8th Avenue South Seattle, WA 98104	**Project:** ICOPS Highway 99 **Project Number:** WA24-20621-ENV **Project Manager:** Daryl Petrarca	**City/State:** Lynnwood, WA **Work Order:** L24E061 **Reported:** 05/21/2024 13:50

Sample Results (Continued)

Client Sample ID: 20621-C-B

Lab ID: L24E061-11 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D (Continued)						
Styrene	ND		0.027	mg/kg dry	05/20/2024	PB
Bromoform	ND		0.14	mg/kg dry	05/20/2024	PB
Isopropylbenzene	ND		0.045	mg/kg dry	05/20/2024	PB
1,1,2,2-Tetrachloroethane	ND		0.14	mg/kg dry	05/20/2024	PB
Bromobenzene	ND		0.036	mg/kg dry	05/20/2024	PB
n-Propylbenzene	ND		0.036	mg/kg dry	05/20/2024	PB
1,2,3-Trichloropropane	ND		0.050	mg/kg dry	05/20/2024	PB
2-Chlorotoluene	ND		0.036	mg/kg dry	05/20/2024	PB
1,3,5-Trimethylbenzene	ND		0.036	mg/kg dry	05/20/2024	PB
4-Chlorotoluene	ND		0.036	mg/kg dry	05/20/2024	PB
tert-Butylbenzene	ND		0.036	mg/kg dry	05/20/2024	PB
1,2,4-Trimethylbenzene	ND		0.036	mg/kg dry	05/20/2024	PB
sec-Butylbenzene	ND		0.036	mg/kg dry	05/20/2024	PB
p-Isopropyltoluene	ND		0.036	mg/kg dry	05/20/2024	PB
1,3-Dichlorobenzene	ND		0.036	mg/kg dry	05/20/2024	PB
1,4-Dichlorobenzene	ND		0.036	mg/kg dry	05/20/2024	PB
n-Butylbenzene	ND		0.036	mg/kg dry	05/20/2024	PB
1,2-Dichlorobenzene	ND		0.036	mg/kg dry	05/20/2024	PB
1,2-Dibromo-3-Chloropropane	ND		0.14	mg/kg dry	05/20/2024	PB
1,2,4-Trichlorobenzene	ND		0.14	mg/kg dry	05/20/2024	PB
Naphthalene	ND		0.091	mg/kg dry	05/20/2024	PB
1,2,3-Trichlorobenzene	ND		0.14	mg/kg dry	05/20/2024	PB
Surrogate: Dibromofluoromethane	*120%*		*49.6-175*		*05/20/2024*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*130%*		*31.7-194*		*05/20/2024*	*PB*
Surrogate: Toluene-d8	*104%*		*52.9-135*		*05/20/2024*	*PB*
Surrogate: 4-Bromofluorobenzene	*86.8%*		*50.8-121*		*05/20/2024*	*PB*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		9.1	mg/kg dry	05/20/2024	PB
Surrogate: Toluene-d8	*104%*		*52.9-135*		*05/20/2024*	*PB*
Diesel and Oil by NWTPH-Dx/Dx						
Diesel	ND		63	mg/kg dry	05/20/2024	PB
Oil	ND		320	mg/kg dry	05/20/2024	PB
Surrogate: 2-FBP	*83.7%*		*38.9-154*		*05/20/2024*	*PB*
Moisture by ASTM D2216-19						
Moisture	21		0.50	%	05/20/2024	PB

Adapt Consulting
617 8th Avenue South
Seattle, WA 98104

Project: ICOPS Highway 99
Project Number: WA24-20621-ENV
Project Manager: Daryl Petrarca

City/State: Lynnwood, WA
Work Order: L24E061
Reported: 05/21/2024 13:50

Sample Results (Continued)

Client Sample ID: 20621-C-NE

Lab ID: L24E061-12 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Dichlorodifluoromethane	ND		0.060	mg/kg dry	05/20/2024	PB
Chloromethane	ND		0.060	mg/kg dry	05/20/2024	PB
Vinyl Chloride (SIM)	ND		0.020	mg/kg dry	05/20/2024	PB
Bromomethane	ND		0.090	mg/kg dry	05/20/2024	PB
Chloroethane	ND		0.060	mg/kg dry	05/20/2024	PB
Trichlorofluoromethane	ND		0.050	mg/kg dry	05/20/2024	PB
1,1-Dichloroethene	ND		0.050	mg/kg dry	05/20/2024	PB
Methylene chloride	ND		0.020	mg/kg dry	05/20/2024	PB
Methyl tert-Butyl Ether (MTBE)	ND		0.050	mg/kg dry	05/20/2024	PB
trans-1,2-Dichloroethene	ND		0.030	mg/kg dry	05/20/2024	PB
1,1-Dichloroethane	ND		0.030	mg/kg dry	05/20/2024	PB
2,2-Dichloropropane	ND		0.050	mg/kg dry	05/20/2024	PB
cis-1,2-Dichloroethene	ND		0.030	mg/kg dry	05/20/2024	PB
Chloroform	ND		0.030	mg/kg dry	05/20/2024	PB
1,1,1-Trichloroethane (TCA)	ND		0.030	mg/kg dry	05/20/2024	PB
Carbon tetrachloride	ND		0.030	mg/kg dry	05/20/2024	PB
1,1-Dichloropropene	ND		0.030	mg/kg dry	05/20/2024	PB
Benzene	ND		0.020	mg/kg dry	05/20/2024	PB
1,2-Dichloroethane (EDC)	ND		0.030	mg/kg dry	05/20/2024	PB
Trichloroethene (SIM)	ND		0.020	mg/kg dry	05/20/2024	PB
1,2-Dichloropropane	ND		0.030	mg/kg dry	05/20/2024	PB
Dibromomethane	ND		0.040	mg/kg dry	05/20/2024	PB
Bromodichloromethane	ND		0.030	mg/kg dry	05/20/2024	PB
cis-1,3-Dichloropropene	ND		0.030	mg/kg dry	05/20/2024	PB
Toluene	ND		0.10	mg/kg dry	05/20/2024	PB
Trans-1,3-Dichloropropene	ND		0.030	mg/kg dry	05/20/2024	PB
1,1,2-Trichloroethane	ND		0.030	mg/kg dry	05/20/2024	PB
Tetrachloroethene (SIM)	ND		0.020	mg/kg dry	05/20/2024	PB
1,3-Dichloropropane	ND		0.050	mg/kg dry	05/20/2024	PB
Dibromochloromethane	ND		0.030	mg/kg dry	05/20/2024	PB
1,2-Dibromoethane (EDB) (SIM)	ND		0.0025	mg/kg dry	05/20/2024	PB
Chlorobenzene	ND		0.030	mg/kg dry	05/20/2024	PB
Ethylbenzene	ND		0.050	mg/kg dry	05/20/2024	PB
1,1,1,2-Tetrachloroethane	ND		0.050	mg/kg dry	05/20/2024	PB
Total Xylenes	ND		0.15	mg/kg dry	05/20/2024	PB

Adapt Consulting 617 8th Avenue South Seattle, WA 98104	**Project:** ICOPS Highway 99 **Project Number:** WA24-20621-ENV **Project Manager:** Daryl Petrarca	**City/State:** Lynnwood, WA **Work Order:** L24E061 **Reported:** 05/21/2024 13:50

Sample Results (Continued)

Client Sample ID: 20621-C-NE

Lab ID: L24E061-12 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D (Continued)						
Styrene	ND		0.030	mg/kg dry	05/20/2024	PB
Bromoform	ND		0.15	mg/kg dry	05/20/2024	PB
Isopropylbenzene	ND		0.050	mg/kg dry	05/20/2024	PB
1,1,2,2-Tetrachloroethane	ND		0.15	mg/kg dry	05/20/2024	PB
Bromobenzene	ND		0.040	mg/kg dry	05/20/2024	PB
n-Propylbenzene	ND		0.040	mg/kg dry	05/20/2024	PB
1,2,3-Trichloropropane	ND		0.055	mg/kg dry	05/20/2024	PB
2-Chlorotoluene	ND		0.040	mg/kg dry	05/20/2024	PB
1,3,5-Trimethylbenzene	ND		0.040	mg/kg dry	05/20/2024	PB
4-Chlorotoluene	ND		0.040	mg/kg dry	05/20/2024	PB
tert-Butylbenzene	ND		0.040	mg/kg dry	05/20/2024	PB
1,2,4-Trimethylbenzene	ND		0.040	mg/kg dry	05/20/2024	PB
sec-Butylbenzene	ND		0.040	mg/kg dry	05/20/2024	PB
p-Isopropyltoluene	ND		0.040	mg/kg dry	05/20/2024	PB
1,3-Dichlorobenzene	ND		0.040	mg/kg dry	05/20/2024	PB
1,4-Dichlorobenzene	ND		0.040	mg/kg dry	05/20/2024	PB
n-Butylbenzene	ND		0.040	mg/kg dry	05/20/2024	PB
1,2-Dichlorobenzene	ND		0.040	mg/kg dry	05/20/2024	PB
1,2-Dibromo-3-Chloropropane	ND		0.15	mg/kg dry	05/20/2024	PB
1,2,4-Trichlorobenzene	ND		0.15	mg/kg dry	05/20/2024	PB
Naphthalene	ND		0.10	mg/kg dry	05/20/2024	PB
1,2,3-Trichlorobenzene	ND		0.15	mg/kg dry	05/20/2024	PB
Surrogate: Dibromofluoromethane	*120%*		*49.6-175*		*05/20/2024*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*129%*		*31.7-194*		*05/20/2024*	*PB*
Surrogate: Toluene-d8	*73.4%*		*52.9-135*		*05/20/2024*	*PB*
Surrogate: 4-Bromofluorobenzene	*89.7%*		*50.8-121*		*05/20/2024*	*PB*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		10	mg/kg dry	05/20/2024	PB
Surrogate: Toluene-d8	*73.4%*		*52.9-135*		*05/20/2024*	*PB*
Diesel and Oil by NWTPH-Dx/Dx						
Diesel	ND		67	mg/kg dry	05/20/2024	PB
Oil	ND		330	mg/kg dry	05/20/2024	PB
Surrogate: 2-FBP	*65.6%*		*38.9-154*		*05/20/2024*	*PB*
Moisture by ASTM D2216-19						
Moisture	25		0.50	%	05/20/2024	PB

Adapt Consulting
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Project: ICOPS Highway 99
Project Number: WA24-20621-ENV
Project Manager: Daryl Petrarca

City/State: Lynnwood, WA
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Sample Results (Continued)

Client Sample ID: 20621-C-NW

Lab ID: L24E061-13 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Dichlorodifluoromethane	ND		0.050	mg/kg dry	05/20/2024	PB
Chloromethane	ND		0.050	mg/kg dry	05/20/2024	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	05/20/2024	PB
Bromomethane	ND		0.075	mg/kg dry	05/20/2024	PB
Chloroethane	ND		0.050	mg/kg dry	05/20/2024	PB
Trichlorofluoromethane	ND		0.041	mg/kg dry	05/20/2024	PB
1,1-Dichloroethene	ND		0.041	mg/kg dry	05/20/2024	PB
Methylene chloride	ND		0.017	mg/kg dry	05/20/2024	PB
Methyl tert-Butyl Ether (MTBE)	ND		0.041	mg/kg dry	05/20/2024	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	05/20/2024	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	05/20/2024	PB
2,2-Dichloropropane	ND		0.041	mg/kg dry	05/20/2024	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	05/20/2024	PB
Chloroform	ND		0.025	mg/kg dry	05/20/2024	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	05/20/2024	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	05/20/2024	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	05/20/2024	PB
Benzene	ND		0.017	mg/kg dry	05/20/2024	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	05/20/2024	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	05/20/2024	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	05/20/2024	PB
Dibromomethane	ND		0.033	mg/kg dry	05/20/2024	PB
Bromodichloromethane	ND		0.025	mg/kg dry	05/20/2024	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	05/20/2024	PB
Toluene	ND		0.083	mg/kg dry	05/20/2024	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	05/20/2024	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	05/20/2024	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	05/20/2024	PB
1,3-Dichloropropane	ND		0.041	mg/kg dry	05/20/2024	PB
Dibromochloromethane	ND		0.025	mg/kg dry	05/20/2024	PB
1,2-Dibromoethane (EDB) (SIM)	ND		0.0021	mg/kg dry	05/20/2024	PB
Chlorobenzene	ND		0.025	mg/kg dry	05/20/2024	PB
Ethylbenzene	ND		0.041	mg/kg dry	05/20/2024	PB
1,1,1,2-Tetrachloroethane	ND		0.041	mg/kg dry	05/20/2024	PB
Total Xylenes	ND		0.12	mg/kg dry	05/20/2024	PB

Adapt Consulting 617 8th Avenue South Seattle, WA 98104	**Project:** ICOPS Highway 99 **Project Number:** WA24-20621-ENV **Project Manager:** Daryl Petrarca	**City/State:** Lynnwood, WA **Work Order:** L24E061 **Reported:** 05/21/2024 13:50

Sample Results (Continued)

Client Sample ID: 20621-C-NW

Lab ID: L24E061-13 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D (Continued)						
Styrene	ND		0.025	mg/kg dry	05/20/2024	PB
Bromoform	ND		0.12	mg/kg dry	05/20/2024	PB
Isopropylbenzene	ND		0.041	mg/kg dry	05/20/2024	PB
1,1,2,2-Tetrachloroethane	ND		0.12	mg/kg dry	05/20/2024	PB
Bromobenzene	ND		0.033	mg/kg dry	05/20/2024	PB
n-Propylbenzene	ND		0.033	mg/kg dry	05/20/2024	PB
1,2,3-Trichloropropane	ND		0.046	mg/kg dry	05/20/2024	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	05/20/2024	PB
1,3,5-Trimethylbenzene	ND		0.033	mg/kg dry	05/20/2024	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	05/20/2024	PB
tert-Butylbenzene	ND		0.033	mg/kg dry	05/20/2024	PB
1,2,4-Trimethylbenzene	ND		0.033	mg/kg dry	05/20/2024	PB
sec-Butylbenzene	ND		0.033	mg/kg dry	05/20/2024	PB
p-Isopropyltoluene	ND		0.033	mg/kg dry	05/20/2024	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	05/20/2024	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	05/20/2024	PB
n-Butylbenzene	ND		0.033	mg/kg dry	05/20/2024	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	05/20/2024	PB
1,2-Dibromo-3-Chloropropane	ND		0.12	mg/kg dry	05/20/2024	PB
1,2,4-Trichlorobenzene	ND		0.12	mg/kg dry	05/20/2024	PB
Naphthalene	ND		0.083	mg/kg dry	05/20/2024	PB
1,2,3-Trichlorobenzene	ND		0.12	mg/kg dry	05/20/2024	PB
Surrogate: Dibromofluoromethane	*120%*		*49.6-175*		*05/20/2024*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*131%*		*31.7-194*		*05/20/2024*	*PB*
Surrogate: Toluene-d8	*105%*		*52.9-135*		*05/20/2024*	*PB*
Surrogate: 4-Bromofluorobenzene	*96.2%*		*50.8-121*		*05/20/2024*	*PB*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		8.3	mg/kg dry	05/20/2024	PB
Surrogate: Toluene-d8	*105%*		*52.9-135*		*05/20/2024*	*PB*
Diesel and Oil by NWTPH-Dx/Dx						
Diesel	ND		65	mg/kg dry	05/20/2024	PB
Oil	ND		320	mg/kg dry	05/20/2024	PB
Surrogate: 2-FBP	*122%*		*38.9-154*		*05/20/2024*	*PB*
Moisture by ASTM D2216-19						
Moisture	23		0.50	%	05/20/2024	PB

Adapt Consulting
617 8th Avenue South
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Project: ICOPS Highway 99
Project Number: WA24-20621-ENV
Project Manager: Daryl Petrarca

City/State: Lynnwood, WA
Work Order: L24E061
Reported: 05/21/2024 13:50

Sample Results (Continued)

Client Sample ID: 20621-C-SE

Lab ID: L24E061-14 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Dichlorodifluoromethane	ND		0.052	mg/kg dry	05/20/2024	PB
Chloromethane	ND		0.052	mg/kg dry	05/20/2024	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	05/20/2024	PB
Bromomethane	ND		0.078	mg/kg dry	05/20/2024	PB
Chloroethane	ND		0.052	mg/kg dry	05/20/2024	PB
Trichlorofluoromethane	ND		0.043	mg/kg dry	05/20/2024	PB
1,1-Dichloroethene	ND		0.043	mg/kg dry	05/20/2024	PB
Methylene chloride	ND		0.017	mg/kg dry	05/20/2024	PB
Methyl tert-Butyl Ether (MTBE)	ND		0.043	mg/kg dry	05/20/2024	PB
trans-1,2-Dichloroethene	ND		0.026	mg/kg dry	05/20/2024	PB
1,1-Dichloroethane	ND		0.026	mg/kg dry	05/20/2024	PB
2,2-Dichloropropane	ND		0.043	mg/kg dry	05/20/2024	PB
cis-1,2-Dichloroethene	ND		0.026	mg/kg dry	05/20/2024	PB
Chloroform	ND		0.026	mg/kg dry	05/20/2024	PB
1,1,1-Trichloroethane (TCA)	ND		0.026	mg/kg dry	05/20/2024	PB
Carbon tetrachloride	ND		0.026	mg/kg dry	05/20/2024	PB
1,1-Dichloropropene	ND		0.026	mg/kg dry	05/20/2024	PB
Benzene	ND		0.017	mg/kg dry	05/20/2024	PB
1,2-Dichloroethane (EDC)	ND		0.026	mg/kg dry	05/20/2024	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	05/20/2024	PB
1,2-Dichloropropane	ND		0.026	mg/kg dry	05/20/2024	PB
Dibromomethane	ND		0.035	mg/kg dry	05/20/2024	PB
Bromodichloromethane	ND		0.026	mg/kg dry	05/20/2024	PB
cis-1,3-Dichloropropene	ND		0.026	mg/kg dry	05/20/2024	PB
Toluene	ND		0.086	mg/kg dry	05/20/2024	PB
Trans-1,3-Dichloropropene	ND		0.026	mg/kg dry	05/20/2024	PB
1,1,2-Trichloroethane	ND		0.026	mg/kg dry	05/20/2024	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	05/20/2024	PB
1,3-Dichloropropane	ND		0.043	mg/kg dry	05/20/2024	PB
Dibromochloromethane	ND		0.026	mg/kg dry	05/20/2024	PB
1,2-Dibromoethane (EDB) (SIM)	ND		0.0022	mg/kg dry	05/20/2024	PB
Chlorobenzene	ND		0.026	mg/kg dry	05/20/2024	PB
Ethylbenzene	ND		0.043	mg/kg dry	05/20/2024	PB
1,1,1,2-Tetrachloroethane	ND		0.043	mg/kg dry	05/20/2024	PB
Total Xylenes	ND		0.13	mg/kg dry	05/20/2024	PB

Adapt Consulting 617 8th Avenue South Seattle, WA 98104	**Project:** ICOPS Highway 99 **Project Number:** WA24-20621-ENV **Project Manager:** Daryl Petrarca	**City/State:** Lynnwood, WA **Work Order:** L24E061 **Reported:** 05/21/2024 13:50

Sample Results (Continued)

Client Sample ID: 20621-C-SE

Lab ID: L24E061-14 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D (Continued)						
Styrene	ND		0.026	mg/kg dry	05/20/2024	PB
Bromoform	ND		0.13	mg/kg dry	05/20/2024	PB
Isopropylbenzene	ND		0.043	mg/kg dry	05/20/2024	PB
1,1,2,2-Tetrachloroethane	ND		0.13	mg/kg dry	05/20/2024	PB
Bromobenzene	ND		0.035	mg/kg dry	05/20/2024	PB
n-Propylbenzene	ND		0.035	mg/kg dry	05/20/2024	PB
1,2,3-Trichloropropane	ND		0.047	mg/kg dry	05/20/2024	PB
2-Chlorotoluene	ND		0.035	mg/kg dry	05/20/2024	PB
1,3,5-Trimethylbenzene	ND		0.035	mg/kg dry	05/20/2024	PB
4-Chlorotoluene	ND		0.035	mg/kg dry	05/20/2024	PB
tert-Butylbenzene	ND		0.035	mg/kg dry	05/20/2024	PB
1,2,4-Trimethylbenzene	ND		0.035	mg/kg dry	05/20/2024	PB
sec-Butylbenzene	ND		0.035	mg/kg dry	05/20/2024	PB
p-Isopropyltoluene	ND		0.035	mg/kg dry	05/20/2024	PB
1,3-Dichlorobenzene	ND		0.035	mg/kg dry	05/20/2024	PB
1,4-Dichlorobenzene	ND		0.035	mg/kg dry	05/20/2024	PB
n-Butylbenzene	ND		0.035	mg/kg dry	05/20/2024	PB
1,2-Dichlorobenzene	ND		0.035	mg/kg dry	05/20/2024	PB
1,2-Dibromo-3-Chloropropane	ND		0.13	mg/kg dry	05/20/2024	PB
1,2,4-Trichlorobenzene	ND		0.13	mg/kg dry	05/20/2024	PB
Naphthalene	ND		0.086	mg/kg dry	05/20/2024	PB
1,2,3-Trichlorobenzene	ND		0.13	mg/kg dry	05/20/2024	PB
Surrogate: Dibromofluoromethane	*120%*		*49.6-175*		*05/20/2024*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*133%*		*31.7-194*		*05/20/2024*	*PB*
Surrogate: Toluene-d8	*92.5%*		*52.9-135*		*05/20/2024*	*PB*
Surrogate: 4-Bromofluorobenzene	*88.1%*		*50.8-121*		*05/20/2024*	*PB*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		8.6	mg/kg dry	05/20/2024	PB
Surrogate: Toluene-d8	*92.5%*		*52.9-135*		*05/20/2024*	*PB*
Diesel and Oil by NWTPH-Dx/Dx						
Diesel	ND		62	mg/kg dry	05/20/2024	PB
Oil	310		310	mg/kg dry	05/20/2024	PB
Surrogate: 2-FBP	*88.2%*		*38.9-154*		*05/20/2024*	*PB*
Moisture by ASTM D2216-19						
Moisture	20		0.50	%	05/20/2024	PB

Adapt Consulting
617 8th Avenue South
Seattle, WA 98104

Project: ICOPS Highway 99
Project Number: WA24-20621-ENV
Project Manager: Daryl Petrarca

City/State: Lynnwood, WA
Work Order: L24E061
Reported: 05/21/2024 13:50

Sample Results (Continued)

Client Sample ID: 20621-C-SW

Lab ID: L24E061-15 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Dichlorodifluoromethane	ND		0.053	mg/kg dry	05/20/2024	PB
Chloromethane	ND		0.053	mg/kg dry	05/20/2024	PB
Vinyl Chloride (SIM)	ND		0.018	mg/kg dry	05/20/2024	PB
Bromomethane	ND		0.080	mg/kg dry	05/20/2024	PB
Chloroethane	ND		0.053	mg/kg dry	05/20/2024	PB
Trichlorofluoromethane	ND		0.044	mg/kg dry	05/20/2024	PB
1,1-Dichloroethene	ND		0.044	mg/kg dry	05/20/2024	PB
Methylene chloride	ND		0.018	mg/kg dry	05/20/2024	PB
Methyl tert-Butyl Ether (MTBE)	ND		0.044	mg/kg dry	05/20/2024	PB
trans-1,2-Dichloroethene	ND		0.027	mg/kg dry	05/20/2024	PB
1,1-Dichloroethane	ND		0.027	mg/kg dry	05/20/2024	PB
2,2-Dichloropropane	ND		0.044	mg/kg dry	05/20/2024	PB
cis-1,2-Dichloroethene	ND		0.027	mg/kg dry	05/20/2024	PB
Chloroform	ND		0.027	mg/kg dry	05/20/2024	PB
1,1,1-Trichloroethane (TCA)	ND		0.027	mg/kg dry	05/20/2024	PB
Carbon tetrachloride	ND		0.027	mg/kg dry	05/20/2024	PB
1,1-Dichloropropene	ND		0.027	mg/kg dry	05/20/2024	PB
Benzene	ND		0.018	mg/kg dry	05/20/2024	PB
1,2-Dichloroethane (EDC)	ND		0.027	mg/kg dry	05/20/2024	PB
Trichloroethene (SIM)	ND		0.018	mg/kg dry	05/20/2024	PB
1,2-Dichloropropane	ND		0.027	mg/kg dry	05/20/2024	PB
Dibromomethane	ND		0.035	mg/kg dry	05/20/2024	PB
Bromodichloromethane	ND		0.027	mg/kg dry	05/20/2024	PB
cis-1,3-Dichloropropene	ND		0.027	mg/kg dry	05/20/2024	PB
Toluene	ND		0.088	mg/kg dry	05/20/2024	PB
Trans-1,3-Dichloropropene	ND		0.027	mg/kg dry	05/20/2024	PB
1,1,2-Trichloroethane	ND		0.027	mg/kg dry	05/20/2024	PB
Tetrachloroethene (SIM)	ND		0.018	mg/kg dry	05/20/2024	PB
1,3-Dichloropropane	ND		0.044	mg/kg dry	05/20/2024	PB
Dibromochloromethane	ND		0.027	mg/kg dry	05/20/2024	PB
1,2-Dibromoethane (EDB) (SIM)	ND		0.0022	mg/kg dry	05/20/2024	PB
Chlorobenzene	ND		0.027	mg/kg dry	05/20/2024	PB
Ethylbenzene	ND		0.044	mg/kg dry	05/20/2024	PB
1,1,1,2-Tetrachloroethane	ND		0.044	mg/kg dry	05/20/2024	PB
Total Xylenes	ND		0.13	mg/kg dry	05/20/2024	PB

Adapt Consulting 617 8th Avenue South Seattle, WA 98104	**Project:** ICOPS Highway 99 **Project Number:** WA24-20621-ENV **Project Manager:** Daryl Petrarca	**City/State:** Lynnwood, WA **Work Order:** L24E061 **Reported:** 05/21/2024 13:50

Sample Results (Continued)

Client Sample ID: 20621-C-SW

Lab ID: L24E061-15 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D (Continued)						
Styrene	ND		0.027	mg/kg dry	05/20/2024	PB
Bromoform	ND		0.13	mg/kg dry	05/20/2024	PB
Isopropylbenzene	ND		0.044	mg/kg dry	05/20/2024	PB
1,1,2,2-Tetrachloroethane	ND		0.13	mg/kg dry	05/20/2024	PB
Bromobenzene	ND		0.035	mg/kg dry	05/20/2024	PB
n-Propylbenzene	ND		0.035	mg/kg dry	05/20/2024	PB
1,2,3-Trichloropropane	ND		0.049	mg/kg dry	05/20/2024	PB
2-Chlorotoluene	ND		0.035	mg/kg dry	05/20/2024	PB
1,3,5-Trimethylbenzene	ND		0.035	mg/kg dry	05/20/2024	PB
4-Chlorotoluene	ND		0.035	mg/kg dry	05/20/2024	PB
tert-Butylbenzene	ND		0.035	mg/kg dry	05/20/2024	PB
1,2,4-Trimethylbenzene	ND		0.035	mg/kg dry	05/20/2024	PB
sec-Butylbenzene	ND		0.035	mg/kg dry	05/20/2024	PB
p-Isopropyltoluene	ND		0.035	mg/kg dry	05/20/2024	PB
1,3-Dichlorobenzene	ND		0.035	mg/kg dry	05/20/2024	PB
1,4-Dichlorobenzene	ND		0.035	mg/kg dry	05/20/2024	PB
n-Butylbenzene	ND		0.035	mg/kg dry	05/20/2024	PB
1,2-Dichlorobenzene	ND		0.035	mg/kg dry	05/20/2024	PB
1,2-Dibromo-3-Chloropropane	ND		0.13	mg/kg dry	05/20/2024	PB
1,2,4-Trichlorobenzene	ND		0.13	mg/kg dry	05/20/2024	PB
Naphthalene	ND		0.088	mg/kg dry	05/20/2024	PB
1,2,3-Trichlorobenzene	ND		0.13	mg/kg dry	05/20/2024	PB
Surrogate: Dibromofluoromethane	*118%*		*49.6-175*		*05/20/2024*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*130%*		*31.7-194*		*05/20/2024*	*PB*
Surrogate: Toluene-d8	*80.4%*		*52.9-135*		*05/20/2024*	*PB*
Surrogate: 4-Bromofluorobenzene	*91.6%*		*50.8-121*		*05/20/2024*	*PB*
Gasoline by Method NWTPH-Gx						
Gasoline	ND		8.8	mg/kg dry	05/20/2024	PB
Surrogate: Toluene-d8	*80.4%*		*52.9-135*		*05/20/2024*	*PB*
Diesel and Oil by NWTPH-Dx/Dx						
Diesel	ND		63	mg/kg dry	05/20/2024	PB
Oil	ND		310	mg/kg dry	05/20/2024	PB
Surrogate: 2-FBP	*92.6%*		*38.9-154*		*05/20/2024*	*PB*
Moisture by ASTM D2216-19						
Moisture	20		0.50	%	05/20/2024	PB

Adapt Consulting 617 8th Avenue South Seattle, WA 98104	**Project:** ICOPS Highway 99 **Project Number:** WA24-20621-ENV **Project Manager:** Daryl Petrarca	**City/State:** Lynnwood, WA **Work Order:** L24E061 **Reported:** 05/21/2024 13:50

Quality Control

Volatile Organic Compounds by EPA Method 8260D

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BYE0079 - VOA										
Blank (BYE0079-BLK1)					Prepared & Analyzed: 5/20/2024					
Dichlorodifluoromethane	ND		0.060	mg/kg wet						
Chloromethane	ND		0.060	mg/kg wet						
Vinyl Chloride (SIM)	ND		0.020	mg/kg wet						
Bromomethane	ND		0.090	mg/kg wet						
Chloroethane	ND		0.060	mg/kg wet						
Trichlorofluoromethane	ND		0.050	mg/kg wet						
1,1-Dichloroethene	ND		0.050	mg/kg wet						
Methylene chloride	ND		0.020	mg/kg wet						
Methyl tert-Butyl Ether (MTBE)	ND		0.050	mg/kg wet						
trans-1,2-Dichloroethene	ND		0.030	mg/kg wet						
1,1-Dichloroethane	ND		0.030	mg/kg wet						
2,2-Dichloropropane	ND		0.050	mg/kg wet						
cis-1,2-Dichloroethene	ND		0.030	mg/kg wet						
Chloroform	ND		0.030	mg/kg wet						
1,1,1-Trichloroethane (TCA)	ND		0.030	mg/kg wet						
Carbon tetrachloride	ND		0.030	mg/kg wet						
1,1-Dichloropropene	ND		0.030	mg/kg wet						
Benzene	ND		0.020	mg/kg wet						
1,2-Dichloroethane (EDC)	ND		0.030	mg/kg wet						
Trichloroethene (SIM)	ND		0.020	mg/kg wet						
1,2-Dichloropropane	ND		0.030	mg/kg wet						
Dibromomethane	ND		0.040	mg/kg wet						
Bromodichloromethane	ND		0.030	mg/kg wet						
cis-1,3-Dichloropropene	ND		0.030	mg/kg wet						
Toluene	ND		0.10	mg/kg wet						
Trans-1,3-Dichloropropene	ND		0.030	mg/kg wet						
1,1,2-Trichloroethane	ND		0.030	mg/kg wet						
Tetrachloroethene (SIM)	ND		0.020	mg/kg wet						
1,3-Dichloropropane	ND		0.050	mg/kg wet						
Dibromochloromethane	ND		0.030	mg/kg wet						
1,2-Dibromoethane (EDB) (SIM)	ND		0.0025	mg/kg wet						
Chlorobenzene	ND		0.030	mg/kg wet						
Ethylbenzene	ND		0.050	mg/kg wet						
1,1,1,2-Tetrachloroethane	ND		0.050	mg/kg wet						
Total Xylenes	ND		0.15	mg/kg wet						
Styrene	ND		0.030	mg/kg wet						
Bromoform	ND		0.15	mg/kg wet						
Isopropylbenzene	ND		0.050	mg/kg wet						
1,1,2,2-Tetrachloroethane	ND		0.15	mg/kg wet						
Bromobenzene	ND		0.040	mg/kg wet						
n-Propylbenzene	ND		0.040	mg/kg wet						
1,2,3-Trichloropropane	ND		0.055	mg/kg wet						
2-Chlorotoluene	ND		0.040	mg/kg wet						
1,3,5-Trimethylbenzene	ND		0.040	mg/kg wet						
4-Chlorotoluene	ND		0.040	mg/kg wet						
tert-Butylbenzene	ND		0.040	mg/kg wet						
1,2,4-Trimethylbenzene	ND		0.040	mg/kg wet						
sec-Butylbenzene	ND		0.040	mg/kg wet						
p-Isopropyltoluene	ND		0.040	mg/kg wet						
1,3-Dichlorobenzene	ND		0.040	mg/kg wet						

Adapt Consulting
617 8th Avenue South
Seattle, WA 98104

Project: ICOPS Highway 99
Project Number: WA24-20621-ENV
Project Manager: Daryl Petrarca

City/State: Lynnwood, WA
Work Order: L24E061
Reported: 05/21/2024 13:50

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Blank (BYE0079-BLK1)					Prepared & Analyzed: 5/20/2024					
1,4-Dichlorobenzene	ND		0.040	mg/kg wet						
n-Butylbenzene	ND		0.040	mg/kg wet						
1,2-Dichlorobenzene	ND		0.040	mg/kg wet						
1,2-Dibromo-3-Chloropropane	ND		0.15	mg/kg wet						
1,2,4-Trichlorobenzene	ND		0.15	mg/kg wet						
Naphthalene	ND		0.10	mg/kg wet						
1,2,3-Trichlorobenzene	ND		0.15	mg/kg wet						
Surrogate: Dibromofluoromethane			*20.2*	*ug/L*	*20.0*		*101*	*49.6-175*		
Surrogate: 1,2-Dichloroethane-d4			*20.7*	*ug/L*	*20.0*		*103*	*31.7-194*		
Surrogate: Toluene-d8			*18.7*	*ug/L*	*20.0*		*93.6*	*52.9-135*		
Surrogate: 4-Bromofluorobenzene			*19.5*	*ug/L*	*20.0*		*97.5*	*50.8-121*		
LCS (BYE0079-BS1)					Prepared & Analyzed: 5/20/2024					
Dichlorodifluoromethane	0.424		0.060	mg/kg wet	0.250		170	19.5-231		
Chloromethane	0.240		0.060	mg/kg wet	0.250		95.8	18.1-201		
Vinyl Chloride (SIM)	0.265		0.020	mg/kg wet	0.250		106	10-182		
Bromomethane	0.323		0.090	mg/kg wet	0.250		129	19.9-196		
Chloroethane	0.247		0.060	mg/kg wet	0.250		99.0	10-235		
Trichlorofluoromethane	0.500		0.050	mg/kg wet	0.250		200	30.1-235		
1,1-Dichloroethene	0.296		0.050	mg/kg wet	0.250		119	42.4-208		
Methylene chloride	0.359		0.020	mg/kg wet	0.250		143	10-240		
Methyl tert-Butyl Ether (MTBE)	0.262		0.050	mg/kg wet	0.250		105	29.6-190		
trans-1,2-Dichloroethene	0.298		0.030	mg/kg wet	0.250		119	37.7-200		
1,1-Dichloroethane	0.278		0.030	mg/kg wet	0.250		111	33.2-213		
2,2-Dichloropropane	0.269		0.050	mg/kg wet	0.250		108	37.2-202		
cis-1,2-Dichloroethene	0.291		0.030	mg/kg wet	0.250		117	53.2-160		
Chloroform	0.284		0.030	mg/kg wet	0.250		114	50.5-195		
1,1,1-Trichloroethane (TCA)	0.257		0.030	mg/kg wet	0.250		103	52.4-188		
Carbon tetrachloride	0.254		0.030	mg/kg wet	0.250		101	46.4-190		
1,1-Dichloropropene	0.285		0.030	mg/kg wet	0.250		114	41.7-135		
Benzene	0.279		0.020	mg/kg wet	0.250		111	54.1-136		
1,2-Dichloroethane (EDC)	0.267		0.030	mg/kg wet	0.250		107	52.8-185		
Trichloroethene (SIM)	0.233		0.020	mg/kg wet	0.250		93.2	52-128		
1,2-Dichloropropane	0.263		0.030	mg/kg wet	0.250		105	66.8-141		
Dibromomethane	0.248		0.040	mg/kg wet	0.250		99.0	45.4-174		
Bromodichloromethane	0.248		0.030	mg/kg wet	0.250		99.1	34.3-194		
cis-1,3-Dichloropropene	0.226		0.030	mg/kg wet	0.250		90.3	38.5-117		
Toluene	0.271		0.10	mg/kg wet	0.250		109	53.3-135		
Trans-1,3-Dichloropropene	0.228		0.030	mg/kg wet	0.250		91.2	46.6-134		
1,1,2-Trichloroethane	0.230		0.030	mg/kg wet	0.250		91.8	63.4-173		
Tetrachloroethene (SIM)	0.240		0.020	mg/kg wet	0.250		96.1	46.6-142		
1,3-Dichloropropane	0.262		0.050	mg/kg wet	0.250		105	55.4-135		
Dibromochloromethane	0.240		0.030	mg/kg wet	0.250		95.8	32.2-184		
1,2-Dibromoethane (EDB) (SIM)	0.235		0.0025	mg/kg wet	0.250		93.9	34.5-141		
Chlorobenzene	0.259		0.030	mg/kg wet	0.250		104	55.3-154		
Ethylbenzene	0.271		0.050	mg/kg wet	0.250		108	51.1-125		
1,1,1,2-Tetrachloroethane	0.249		0.050	mg/kg wet	0.250		99.7	24.3-215		
Total Xylenes	0.817		0.15	mg/kg wet	0.750		109	47.2-123		
Styrene	0.229		0.030	mg/kg wet	0.250		91.5	32.3-125		
Bromoform	0.186		0.15	mg/kg wet	0.250		74.2	11.5-184		
Isopropylbenzene	0.273		0.050	mg/kg wet	0.250		109	31.3-125		
1,1,2,2-Tetrachloroethane	0.244		0.15	mg/kg wet	0.250		97.6	52.8-161		

Adapt Consulting
617 8th Avenue South
Seattle, WA 98104

Project: ICOPS Highway 99
Project Number: WA24-20621-ENV
Project Manager: Daryl Petrarca

City/State: Lynnwood, WA
Work Order: L24E061
Reported: 05/21/2024 13:50

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (BYE0079-BS1)					Prepared & Analyzed: 5/20/2024					
Bromobenzene	0.278		0.040	mg/kg wet	0.250		111	57.6-142		
n-Propylbenzene	0.306		0.040	mg/kg wet	0.250		122	36.1-140		
1,2,3-Trichloropropane	0.265		0.055	mg/kg wet	0.250		106	55.6-179		
2-Chlorotoluene	0.295		0.040	mg/kg wet	0.250		118	43-132		
1,3,5-Trimethylbenzene	0.312		0.040	mg/kg wet	0.250		125	33.2-137		
4-Chlorotoluene	0.303		0.040	mg/kg wet	0.250		121	39.5-132		
tert-Butylbenzene	0.297		0.040	mg/kg wet	0.250		119	20.5-136		
1,2,4-Trimethylbenzene	0.289		0.040	mg/kg wet	0.250		115	31.1-138		
sec-Butylbenzene	0.319		0.040	mg/kg wet	0.250		128	29.5-151		
p-Isopropyltoluene	0.269		0.040	mg/kg wet	0.250		108	24.8-137		
1,3-Dichlorobenzene	0.286		0.040	mg/kg wet	0.250		114	62.6-133		
1,4-Dichlorobenzene	0.278		0.040	mg/kg wet	0.250		111	72.8-136		
n-Butylbenzene	0.308		0.040	mg/kg wet	0.250		123	22.7-156		
1,2-Dichlorobenzene	0.280		0.040	mg/kg wet	0.250		112	67.4-132		
1,2-Dibromo-3-Chloropropane	0.447	S3	0.15	mg/kg wet	0.250		179	35-151		
1,2,4-Trichlorobenzene	0.296		0.15	mg/kg wet	0.250		118	38.5-174		
Naphthalene	0.298		0.10	mg/kg wet	0.250		119	10-220		
1,2,3-Trichlorobenzene	0.317		0.15	mg/kg wet	0.250		127	45.6-240		
Surrogate: Dibromofluoromethane			*19.5*	*ug/L*	*20.0*		*97.6*	*49.6-175*		
Surrogate: 1,2-Dichloroethane-d4			*19.5*	*ug/L*	*20.0*		*97.5*	*31.7-194*		
Surrogate: Toluene-d8			*21.6*	*ug/L*	*20.0*		*108*	*52.9-135*		
Surrogate: 4-Bromofluorobenzene			*20.1*	*ug/L*	*20.0*		*101*	*50.8-121*		
Duplicate (BYE0079-DUP1)		**Parent: L24E061-04**			Prepared & Analyzed: 5/20/2024					
Dichlorodifluoromethane	ND		0.054	mg/kg dry		ND				35
Chloromethane	ND		0.054	mg/kg dry		ND				35
Vinyl Chloride (SIM)	ND		0.018	mg/kg dry		ND				35
Bromomethane	ND		0.081	mg/kg dry		ND				35
Chloroethane	ND		0.054	mg/kg dry		ND				35
Trichlorofluoromethane	ND		0.045	mg/kg dry		ND				35
1,1-Dichloroethene	ND		0.045	mg/kg dry		ND				35
Methylene chloride	ND		0.018	mg/kg dry		ND				35
Methyl tert-Butyl Ether (MTBE)	ND		0.045	mg/kg dry		ND				35
trans-1,2-Dichloroethene	ND		0.027	mg/kg dry		ND				35
1,1-Dichloroethane	ND		0.027	mg/kg dry		ND				35
2,2-Dichloropropane	ND		0.045	mg/kg dry		ND				35
cis-1,2-Dichloroethene	ND		0.027	mg/kg dry		ND				35
Chloroform	ND		0.027	mg/kg dry		ND				35
1,1,1-Trichloroethane (TCA)	ND		0.027	mg/kg dry		ND				35
Carbon tetrachloride	ND		0.027	mg/kg dry		ND				35
1,1-Dichloropropene	ND		0.027	mg/kg dry		ND				35
Benzene	ND		0.018	mg/kg dry		ND				35
1,2-Dichloroethane (EDC)	ND		0.027	mg/kg dry		ND				35
Trichloroethene (SIM)	ND		0.018	mg/kg dry		ND				35
1,2-Dichloropropane	ND		0.027	mg/kg dry		ND				35
Dibromomethane	ND		0.036	mg/kg dry		ND				35
Bromodichloromethane	ND		0.027	mg/kg dry		ND				35
cis-1,3-Dichloropropene	ND		0.027	mg/kg dry		ND				35
Toluene	ND		0.090	mg/kg dry		ND				35
Trans-1,3-Dichloropropene	ND		0.027	mg/kg dry		ND				35
1,1,2-Trichloroethane	ND		0.027	mg/kg dry		ND				35
Tetrachloroethene (SIM)	ND		0.018	mg/kg dry		ND				35

Adapt Consulting 617 8th Avenue South Seattle, WA 98104	**Project:** ICOPS Highway 99 **Project Number:** WA24-20621-ENV **Project Manager:** Daryl Petrarca	**City/State:** Lynnwood, WA **Work Order:** L24E061 **Reported:** 05/21/2024 13:50

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Duplicate (BYE0079-DUP1)		**Parent: L24E061-04**			Prepared & Analyzed: 5/20/2024					
1,3-Dichloropropane	ND		0.045	mg/kg dry		ND				35
Dibromochloromethane	ND		0.027	mg/kg dry		ND				35
1,2-Dibromoethane (EDB) (SIM)	ND		0.0023	mg/kg dry		ND				35
Chlorobenzene	ND		0.027	mg/kg dry		ND				35
Ethylbenzene	ND		0.045	mg/kg dry		ND				35
1,1,1,2-Tetrachloroethane	ND		0.045	mg/kg dry		ND				35
Total Xylenes	ND		0.14	mg/kg dry		ND				35
Styrene	ND		0.027	mg/kg dry		ND				35
Bromoform	ND		0.14	mg/kg dry		ND				35
Isopropylbenzene	ND		0.045	mg/kg dry		ND				35
1,1,2,2-Tetrachloroethane	ND		0.14	mg/kg dry		ND				35
Bromobenzene	ND		0.036	mg/kg dry		ND				35
n-Propylbenzene	ND		0.036	mg/kg dry		ND				35
1,2,3-Trichloropropane	ND		0.050	mg/kg dry		ND				35
2-Chlorotoluene	ND		0.036	mg/kg dry		ND				35
1,3,5-Trimethylbenzene	ND		0.036	mg/kg dry		ND				35
4-Chlorotoluene	ND		0.036	mg/kg dry		ND				35
tert-Butylbenzene	ND		0.036	mg/kg dry		ND				35
1,2,4-Trimethylbenzene	ND		0.036	mg/kg dry		ND				35
sec-Butylbenzene	ND		0.036	mg/kg dry		ND				35
p-Isopropyltoluene	ND		0.036	mg/kg dry		ND				35
1,3-Dichlorobenzene	ND		0.036	mg/kg dry		ND				35
1,4-Dichlorobenzene	ND		0.036	mg/kg dry		ND				35
n-Butylbenzene	ND		0.036	mg/kg dry		ND				35
1,2-Dichlorobenzene	ND		0.036	mg/kg dry		ND				35
1,2-Dibromo-3-Chloropropane	ND		0.14	mg/kg dry		ND				35
1,2,4-Trichlorobenzene	ND		0.14	mg/kg dry		ND				35
Naphthalene	ND		0.090	mg/kg dry		ND				35
1,2,3-Trichlorobenzene	ND		0.14	mg/kg dry		ND				35
Surrogate: Dibromofluoromethane			*20.3*	*ug/L*	*20.0*		*102*	*49.6-175*		
Surrogate: 1,2-Dichloroethane-d4			*20.2*	*ug/L*	*20.0*		*101*	*31.7-194*		
Surrogate: Toluene-d8			*16.5*	*ug/L*	*20.0*		*82.6*	*52.9-135*		
Surrogate: 4-Bromofluorobenzene			*18.5*	*ug/L*	*20.0*		*92.6*	*50.8-121*		

Adapt Consulting
617 8th Avenue South
Seattle, WA 98104

Project: ICOPS Highway 99
Project Number: WA24-20621-ENV
Project Manager: Daryl Petrarca

City/State: Lynnwood, WA
Work Order: L24E061
Reported: 05/21/2024 13:50

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Duplicate (BYE0079-DUP2)		**Parent: L24E061-15**			Prepared & Analyzed: 5/20/2024					
Dichlorodifluoromethane	ND		0.053	mg/kg dry		ND				35
Chloromethane	ND		0.053	mg/kg dry		ND				35
Vinyl Chloride (SIM)	ND		0.018	mg/kg dry		ND				35
Bromomethane	ND		0.080	mg/kg dry		ND				35
Chloroethane	ND		0.053	mg/kg dry		ND				35
Trichlorofluoromethane	ND		0.045	mg/kg dry		ND				35
1,1-Dichloroethene	ND		0.045	mg/kg dry		ND				35
Methylene chloride	ND		0.018	mg/kg dry		ND				35
Methyl tert-Butyl Ether (MTBE)	ND		0.045	mg/kg dry		ND				35
trans-1,2-Dichloroethene	ND		0.027	mg/kg dry		ND				35
1,1-Dichloroethane	ND		0.027	mg/kg dry		ND				35
2,2-Dichloropropane	ND		0.045	mg/kg dry		ND				35
cis-1,2-Dichloroethene	ND		0.027	mg/kg dry		ND				35
Chloroform	ND		0.027	mg/kg dry		ND				35
1,1,1-Trichloroethane (TCA)	ND		0.027	mg/kg dry		ND				35
Carbon tetrachloride	ND		0.027	mg/kg dry		ND				35
1,1-Dichloropropene	ND		0.027	mg/kg dry		ND				35
Benzene	ND		0.018	mg/kg dry		ND				35
1,2-Dichloroethane (EDC)	ND		0.027	mg/kg dry		ND				35
Trichloroethene (SIM)	ND		0.018	mg/kg dry		ND				35
1,2-Dichloropropane	ND		0.027	mg/kg dry		ND				35
Dibromomethane	ND		0.036	mg/kg dry		ND				35
Bromodichloromethane	ND		0.027	mg/kg dry		ND				35
cis-1,3-Dichloropropene	ND		0.027	mg/kg dry		ND				35
Toluene	ND		0.089	mg/kg dry		ND				35
Trans-1,3-Dichloropropene	ND		0.027	mg/kg dry		ND				35
1,1,2-Trichloroethane	ND		0.027	mg/kg dry		ND				35
Tetrachloroethene (SIM)	ND		0.018	mg/kg dry		ND				35
1,3-Dichloropropane	ND		0.045	mg/kg dry		ND				35
Dibromochloromethane	ND		0.027	mg/kg dry		ND				35
1,2-Dibromoethane (EDB) (SIM)	ND		0.0022	mg/kg dry		ND				35
Chlorobenzene	ND		0.027	mg/kg dry		ND				35
Ethylbenzene	ND		0.045	mg/kg dry		ND				35
1,1,1,2-Tetrachloroethane	ND		0.045	mg/kg dry		ND				35
Total Xylenes	ND		0.13	mg/kg dry		ND				35
Styrene	ND		0.027	mg/kg dry		ND				35
Bromoform	ND		0.13	mg/kg dry		ND				35
Isopropylbenzene	ND		0.045	mg/kg dry		ND				35
1,1,2,2-Tetrachloroethane	ND		0.13	mg/kg dry		ND				35
Bromobenzene	ND		0.036	mg/kg dry		ND				35
n-Propylbenzene	ND		0.036	mg/kg dry		ND				35
1,2,3-Trichloropropane	ND		0.049	mg/kg dry		ND				35
2-Chlorotoluene	ND		0.036	mg/kg dry		ND				35
1,3,5-Trimethylbenzene	ND		0.036	mg/kg dry		ND				35
4-Chlorotoluene	ND		0.036	mg/kg dry		ND				35
tert-Butylbenzene	ND		0.036	mg/kg dry		ND				35
1,2,4-Trimethylbenzene	ND		0.036	mg/kg dry		ND				35
sec-Butylbenzene	ND		0.036	mg/kg dry		ND				35
p-Isopropyltoluene	ND		0.036	mg/kg dry		ND				35
1,3-Dichlorobenzene	ND		0.036	mg/kg dry		ND				35
1,4-Dichlorobenzene	ND		0.036	mg/kg dry		ND				35
n-Butylbenzene	ND		0.036	mg/kg dry		ND				35

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Seattle, WA 98104

Project: ICOPS Highway 99
Project Number: WA24-20621-ENV
Project Manager: Daryl Petrarca

City/State: Lynnwood, WA
Work Order: L24E061
Reported: 05/21/2024 13:50

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Duplicate (BYE0079-DUP2)		**Parent: L24E061-15**			Prepared & Analyzed: 5/20/2024					
1,2-Dichlorobenzene	ND		0.036	mg/kg dry		ND				35
1,2-Dibromo-3-Chloropropane	ND		0.13	mg/kg dry		ND				35
1,2,4-Trichlorobenzene	ND		0.13	mg/kg dry		ND				35
Naphthalene	ND		0.089	mg/kg dry		ND				35
1,2,3-Trichlorobenzene	ND		0.13	mg/kg dry		ND				35
Surrogate: Dibromofluoromethane			*23.2*	*ug/L*	*20.0*		*116*	*49.6-175*		
Surrogate: 1,2-Dichloroethane-d4			*28.3*	*ug/L*	*20.0*		*141*	*31.7-194*		
Surrogate: Toluene-d8			*21.6*	*ug/L*	*20.0*		*108*	*52.9-135*		
Surrogate: 4-Bromofluorobenzene			*17.7*	*ug/L*	*20.0*		*88.5*	*50.8-121*		
Matrix Spike (BYE0079-MS1)		**Parent: L24E061-15**			Prepared & Analyzed: 5/20/2024					
Dichlorodifluoromethane	0.185		0.053	mg/kg dry	0.221	ND	83.7	10-230		
Chloromethane	0.167		0.053	mg/kg dry	0.221	ND	75.4	10-209		
Vinyl Chloride (SIM)	0.167		0.018	mg/kg dry	0.221	ND	75.6	10-166		
Bromomethane	0.331		0.080	mg/kg dry	0.221	ND	150	10-224		
Chloroethane	0.158		0.053	mg/kg dry	0.221	ND	71.7	10-196		
Trichlorofluoromethane	0.183		0.044	mg/kg dry	0.221	ND	82.8	10-230		
1,1-Dichloroethene	0.216		0.044	mg/kg dry	0.221	ND	97.5	14.8-190		
Methylene chloride	0.285		0.018	mg/kg dry	0.221	ND	129	10-245		
Methyl tert-Butyl Ether (MTBE)	0.269		0.044	mg/kg dry	0.221	ND	121	10.2-198		
trans-1,2-Dichloroethene	0.268		0.027	mg/kg dry	0.221	ND	121	17.5-193		
1,1-Dichloroethane	0.269		0.027	mg/kg dry	0.221	ND	122	10-216		
2,2-Dichloropropane	0.220		0.044	mg/kg dry	0.221	ND	99.4	31.1-187		
cis-1,2-Dichloroethene	0.243		0.027	mg/kg dry	0.221	ND	110	30.1-176		
Chloroform	0.291		0.027	mg/kg dry	0.221	ND	132	27.4-218		
1,1,1-Trichloroethane (TCA)	0.255		0.027	mg/kg dry	0.221	ND	115	33.2-204		
Carbon tetrachloride	0.278		0.027	mg/kg dry	0.221	ND	126	19.4-220		
1,1-Dichloropropene	0.218		0.027	mg/kg dry	0.221	ND	98.8	33.3-139		
Benzene	0.242		0.018	mg/kg dry	0.221	ND	109	37-148		
1,2-Dichloroethane (EDC)	0.300		0.027	mg/kg dry	0.221	ND	136	27.3-209		
Trichloroethene (SIM)	0.200		0.018	mg/kg dry	0.221	ND	90.3	37.4-145		
1,2-Dichloropropane	0.218		0.027	mg/kg dry	0.221	ND	98.5	48.8-167		
Dibromomethane	0.272		0.035	mg/kg dry	0.221	ND	123	31.6-178		
Bromodichloromethane	0.242		0.027	mg/kg dry	0.221	ND	109	26.6-194		
cis-1,3-Dichloropropene	0.183		0.027	mg/kg dry	0.221	ND	82.6	29.5-129		
Toluene	0.201		0.088	mg/kg dry	0.221	ND	91.1	28.1-154		
Trans-1,3-Dichloropropene	0.202		0.027	mg/kg dry	0.221	ND	91.3	35.3-137		
1,1,2-Trichloroethane	0.229		0.027	mg/kg dry	0.221	ND	103	40.4-201		
Tetrachloroethene (SIM)	0.212		0.018	mg/kg dry	0.221	ND	96.1	32.8-145		
1,3-Dichloropropane	0.224		0.044	mg/kg dry	0.221	ND	101	27.2-148		
Dibromochloromethane	0.264		0.027	mg/kg dry	0.221	ND	119	11.1-189		
1,2-Dibromoethane (EDB) (SIM)	0.248		0.0022	mg/kg dry	0.221	ND	112	10-162		
Chlorobenzene	0.208		0.027	mg/kg dry	0.221	ND	93.9	38.7-162		
Ethylbenzene	0.177		0.044	mg/kg dry	0.221	ND	80.0	27-142		
1,1,1,2-Tetrachloroethane	0.252		0.044	mg/kg dry	0.221	ND	114	10-220		
Total Xylenes	0.365		0.13	mg/kg dry	0.663	ND	55.0	23.4-152		
Styrene	0.0883		0.027	mg/kg dry	0.221	ND	39.9	16.4-138		
Bromoform	0.209		0.13	mg/kg dry	0.221	ND	94.8	10-185		
Isopropylbenzene	0.100		0.044	mg/kg dry	0.221	ND	45.4	10-154		
1,1,2,2-Tetrachloroethane	0.308		0.13	mg/kg dry	0.221	ND	140	19.6-194		
Bromobenzene	0.185		0.035	mg/kg dry	0.221	ND	83.8	30.7-170		
n-Propylbenzene	0.156		0.035	mg/kg dry	0.221	ND	70.4	10-169		

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Project Number: WA24-20621-ENV
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City/State: Lynnwood, WA
Work Order: L24E061
Reported: 05/21/2024 13:50

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike (BYE0079-MS1)		**Parent: L24E061-15**			Prepared & Analyzed: 5/20/2024					
1,2,3-Trichloropropane	0.296		0.049	mg/kg dry	0.221	ND	134	25.5-186		
2-Chlorotoluene	0.151		0.035	mg/kg dry	0.221	ND	68.3	13.9-164		
1,3,5-Trimethylbenzene	0.150		0.035	mg/kg dry	0.221	ND	67.7	10-163		
4-Chlorotoluene	0.147		0.035	mg/kg dry	0.221	ND	66.4	17.2-156		
tert-Butylbenzene	0.130		0.035	mg/kg dry	0.221	ND	58.9	10-139		
1,2,4-Trimethylbenzene	0.146		0.035	mg/kg dry	0.221	ND	66.2	17.3-139		
sec-Butylbenzene	0.164		0.035	mg/kg dry	0.221	ND	74.1	10-166		
p-Isopropyltoluene	0.119		0.035	mg/kg dry	0.221	ND	53.7	10-197		
1,3-Dichlorobenzene	0.218		0.035	mg/kg dry	0.221	ND	98.6	44-156		
1,4-Dichlorobenzene	0.234		0.035	mg/kg dry	0.221	ND	106	47-159		
n-Butylbenzene	0.174		0.035	mg/kg dry	0.221	ND	78.7	10-178		
1,2-Dichlorobenzene	0.217		0.035	mg/kg dry	0.221	ND	98.2	39.7-155		
1,2-Dibromo-3-Chloropropane	0.283		0.13	mg/kg dry	0.221	ND	128	20.5-182		
1,2,4-Trichlorobenzene	0.245		0.13	mg/kg dry	0.221	ND	111	13-165		
Naphthalene	0.248		0.088	mg/kg dry	0.221	ND	112	10-222		
1,2,3-Trichlorobenzene	0.266		0.13	mg/kg dry	0.221	ND	120	14-174		
Surrogate: Dibromofluoromethane			*23.6*	*ug/L*	*20.0*		*118*	*49.6-175*		
Surrogate: 1,2-Dichloroethane-d4			*26.9*	*ug/L*	*20.0*		*134*	*31.7-194*		
Surrogate: Toluene-d8			*20.7*	*ug/L*	*20.0*		*103*	*52.9-135*		
Surrogate: 4-Bromofluorobenzene			*15.1*	*ug/L*	*20.0*		*75.7*	*50.8-121*		
Matrix Spike Dup (BYE0079-MSD1)		**Parent: L24E061-15**			Prepared & Analyzed: 5/20/2024					
Dichlorodifluoromethane	0.173		0.053	mg/kg dry	0.221	ND	78.2	10-230	6.84	35
Chloromethane	0.301	R	0.053	mg/kg dry	0.221	ND	136	10-209	57.4	35
Vinyl Chloride (SIM)	0.169		0.018	mg/kg dry	0.221	ND	76.5	10-166	1.13	35
Bromomethane	0.257		0.080	mg/kg dry	0.221	ND	116	10-224	25.3	35
Chloroethane	0.158		0.053	mg/kg dry	0.221	ND	71.5	10-196	0.168	35
Trichlorofluoromethane	0.217		0.044	mg/kg dry	0.221	ND	98.4	10-230	17.3	35
1,1-Dichloroethene	0.220		0.044	mg/kg dry	0.221	ND	99.6	14.8-190	2.09	35
Methylene chloride	0.271		0.018	mg/kg dry	0.221	ND	122	10-245	5.13	35
Methyl tert-Butyl Ether (MTBE)	0.251		0.044	mg/kg dry	0.221	ND	114	10.2-198	6.69	35
trans-1,2-Dichloroethene	0.247		0.027	mg/kg dry	0.221	ND	112	17.5-193	8.45	35
1,1-Dichloroethane	0.191		0.027	mg/kg dry	0.221	ND	86.4	10-216	33.8	35
2,2-Dichloropropane	0.220		0.044	mg/kg dry	0.221	ND	99.5	31.1-187	0.0403	35
cis-1,2-Dichloroethene	0.255		0.027	mg/kg dry	0.221	ND	116	30.1-176	4.79	35
Chloroform	0.258		0.027	mg/kg dry	0.221	ND	117	27.4-218	12.2	35
1,1,1-Trichloroethane (TCA)	0.248		0.027	mg/kg dry	0.221	ND	112	33.2-204	2.67	35
Carbon tetrachloride	0.280		0.027	mg/kg dry	0.221	ND	127	19.4-220	0.475	35
1,1-Dichloropropene	0.232		0.027	mg/kg dry	0.221	ND	105	33.3-139	6.01	35
Benzene	0.237		0.018	mg/kg dry	0.221	ND	107	37-148	2.11	35
1,2-Dichloroethane (EDC)	0.273		0.027	mg/kg dry	0.221	ND	123	27.3-209	9.53	35
Trichloroethene (SIM)	0.198		0.018	mg/kg dry	0.221	ND	89.4	37.4-145	1.07	35
1,2-Dichloropropane	0.214		0.027	mg/kg dry	0.221	ND	96.7	48.8-167	1.82	35
Dibromomethane	0.251		0.035	mg/kg dry	0.221	ND	113	31.6-178	7.96	35
Bromodichloromethane	0.228		0.027	mg/kg dry	0.221	ND	103	26.6-194	5.74	35
cis-1,3-Dichloropropene	0.169		0.027	mg/kg dry	0.221	ND	76.6	29.5-129	7.49	35
Toluene	0.196		0.088	mg/kg dry	0.221	ND	88.7	28.1-154	2.58	35
Trans-1,3-Dichloropropene	0.221		0.027	mg/kg dry	0.221	ND	99.9	35.3-137	9.04	35
1,1,2-Trichloroethane	0.247		0.027	mg/kg dry	0.221	ND	112	40.4-201	7.59	35
Tetrachloroethene (SIM)	0.242		0.018	mg/kg dry	0.221	ND	109	32.8-145	12.9	35
1,3-Dichloropropane	0.252		0.044	mg/kg dry	0.221	ND	114	27.2-148	11.9	35
Dibromochloromethane	0.280		0.027	mg/kg dry	0.221	ND	127	11.1-189	6.01	35

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Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike Dup (BYE0079-MSD1)		**Parent: L24E061-15**			Prepared & Analyzed: 5/20/2024					
1,2-Dibromoethane (EDB) (SIM)	0.261		0.0022	mg/kg dry	0.221	ND	118	10-162	5.27	35
Chlorobenzene	0.223		0.027	mg/kg dry	0.221	ND	101	38.7-162	7.28	35
Ethylbenzene	0.168		0.044	mg/kg dry	0.221	ND	76.1	27-142	5.08	35
1,1,1,2-Tetrachloroethane	0.272		0.044	mg/kg dry	0.221	ND	123	10-220	7.72	35
Total Xylenes	0.402		0.13	mg/kg dry	0.663	ND	60.6	23.4-152	9.59	35
Styrene	0.106		0.027	mg/kg dry	0.221	ND	47.9	16.4-138	18.2	35
Bromoform	0.212		0.13	mg/kg dry	0.221	ND	96.1	10-185	1.38	35
Isopropylbenzene	0.114		0.044	mg/kg dry	0.221	ND	51.6	10-154	12.7	35
1,1,2,2-Tetrachloroethane	0.291		0.13	mg/kg dry	0.221	ND	132	19.6-194	5.69	35
Bromobenzene	0.190		0.035	mg/kg dry	0.221	ND	86.1	30.7-170	2.61	35
n-Propylbenzene	0.162		0.035	mg/kg dry	0.221	ND	73.3	10-169	4.07	35
1,2,3-Trichloropropane	0.284		0.049	mg/kg dry	0.221	ND	129	25.5-186	4.13	35
2-Chlorotoluene	0.158		0.035	mg/kg dry	0.221	ND	71.3	13.9-164	4.27	35
1,3,5-Trimethylbenzene	0.154		0.035	mg/kg dry	0.221	ND	69.9	10-163	3.20	35
4-Chlorotoluene	0.159		0.035	mg/kg dry	0.221	ND	72.1	17.2-156	8.26	35
tert-Butylbenzene	0.141		0.035	mg/kg dry	0.221	ND	63.9	10-139	8.21	35
1,2,4-Trimethylbenzene	0.145		0.035	mg/kg dry	0.221	ND	65.5	17.3-139	1.06	35
sec-Butylbenzene	0.171		0.035	mg/kg dry	0.221	ND	77.3	10-166	4.17	35
p-Isopropyltoluene	0.129		0.035	mg/kg dry	0.221	ND	58.4	10-197	8.43	35
1,3-Dichlorobenzene	0.224		0.035	mg/kg dry	0.221	ND	101	44-156	2.70	35
1,4-Dichlorobenzene	0.235		0.035	mg/kg dry	0.221	ND	106	47-159	0.698	35
n-Butylbenzene	0.183		0.035	mg/kg dry	0.221	ND	82.7	10-178	4.96	35
1,2-Dichlorobenzene	0.239		0.035	mg/kg dry	0.221	ND	108	39.7-155	9.76	35
1,2-Dibromo-3-Chloropropane	0.282		0.13	mg/kg dry	0.221	ND	128	20.5-182	0.344	35
1,2,4-Trichlorobenzene	0.255		0.13	mg/kg dry	0.221	ND	116	13-165	4.12	35
Naphthalene	0.280		0.088	mg/kg dry	0.221	ND	127	10-222	12.3	35
1,2,3-Trichlorobenzene	0.303		0.13	mg/kg dry	0.221	ND	137	14-174	13.0	35
Surrogate: Dibromofluoromethane			*22.8*	*ug/L*	*20.0*		*114*	*49.6-175*		
Surrogate: 1,2-Dichloroethane-d4			*24.2*	*ug/L*	*20.0*		*121*	*31.7-194*		
Surrogate: Toluene-d8			*19.8*	*ug/L*	*20.0*		*98.8*	*52.9-135*		
Surrogate: 4-Bromofluorobenzene			*17.1*	*ug/L*	*20.0*		*85.4*	*50.8-121*		

Adapt Consulting 617 8th Avenue South Seattle, WA 98104	**Project:** ICOPS Highway 99 **Project Number:** WA24-20621-ENV **Project Manager:** Daryl Petrarca	**City/State:** Lynnwood, WA **Work Order:** L24E061 **Reported:** 05/21/2024 13:50

Quality Control
(Continued)

Gasoline by Method NWTPH-Gx

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BYE0079 - VOA										
Blank (BYE0079-BLK1)					Prepared & Analyzed: 5/20/2024					
Gasoline	ND		10	mg/kg wet						
Surrogate: Toluene-d8			*18.7*	*ug/L*	*20.0*		*93.6*	*52.9-135*		
Duplicate (BYE0079-DUP1)		**Parent: L24E061-04**			Prepared & Analyzed: 5/20/2024					
Gasoline	ND		9.0	mg/kg dry		ND				35
Surrogate: Toluene-d8			*16.5*	*ug/L*	*20.0*		*82.6*	*52.9-135*		
Duplicate (BYE0079-DUP2)		**Parent: L24E061-15**			Prepared & Analyzed: 5/20/2024					
Gasoline	ND		8.9	mg/kg dry		ND				35
Surrogate: Toluene-d8			*21.6*	*ug/L*	*20.0*		*108*	*52.9-135*		

Adapt Consulting
617 8th Avenue South
Seattle, WA 98104

Project: ICOPS Highway 99
Project Number: WA24-20621-ENV
Project Manager: Daryl Petrarca

City/State: Lynnwood, WA
Work Order: L24E061
Reported: 05/21/2024 13:50

Quality Control
(Continued)

Diesel and Oil by NWTPH-Dx/Dx

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BYE0080 - Extraction										
Blank (BYE0080-BLK1)					Prepared & Analyzed: 5/20/2024					
Diesel	ND		50	mg/kg wet						
Oil	ND		250	mg/kg wet						
Surrogate: 2-FBP			*19.2*	*ug/mL*	*20.0*		*96.1*	*38.9-154*		
LCS (BYE0080-BS1)					Prepared & Analyzed: 5/20/2024					
Diesel	116		50	mg/kg wet	100		116	52-159		
Surrogate: 2-FBP			*19.9*	*ug/mL*	*20.0*		*99.4*	*38.9-154*		
Duplicate (BYE0080-DUP1)		**Parent: L24E061-04**			Prepared & Analyzed: 5/20/2024					
Diesel	ND		63	mg/kg dry		ND				35
Oil	ND		320	mg/kg dry		60.7				35
Surrogate: 2-FBP			*23.7*	*ug/mL*	*20.0*		*118*	*38.9-154*		
Duplicate (BYE0080-DUP2)		**Parent: L24E061-15**			Prepared & Analyzed: 5/20/2024					
Diesel	ND		63	mg/kg dry		ND				35
Oil	ND		310	mg/kg dry		87.2				35
Surrogate: 2-FBP			*23.1*	*ug/mL*	*20.0*		*116*	*38.9-154*		

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Project: ICOPS Highway 99
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City/State: Lynnwood, WA
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Reported: 05/21/2024 13:50

Quality Control
(Continued)

Moisture by ASTM D2216-19

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BYE0081 - Gen Chem										
LCS (BYE0081-BS1)					Prepared & Analyzed: 5/20/2024					
Moisture	18			%	17.0		106	90-115		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Vineta Mills, M.S.
Eric Young, B.S.

5500 4th Avenue South
Seattle, WA 98108
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

December 27, 2023

John Bhend, Project Manager
Adapt Engineering
617 8th Ave S
Seattle, WA 98104

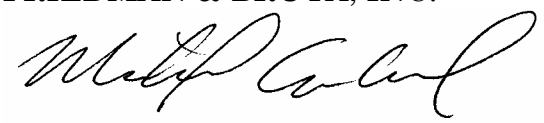
Dear Mr Bhend:

Included are the results from the testing of material submitted on December 18, 2023 from the ICOPS WA23-20621-PH2, F&BI 312339 project. There are 43 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
ADP1227R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on December 18, 2023 by Friedman & Bruya, Inc. from the Adapt Engineering ICOPS WA23-20621-PH2, F&BI 312339 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Adapt Engineering
312339 -01	20621-SB-01:0-1'
312339 -02	20621-SB-01:9-10'
312339 -03	20621-SB-02:0-1'
312339 -04	20621-SB-02:9-10'
312339 -05	20621-SB-03:0-1'
312339 -06	20621-SB-03:9-10'
312339 -07	20621-SB-04:0-1'
312339 -08	20621-SB-04:9-10'
312339 -09	20621-SB-05:0-1'
312339 -10	20621-SB-05:-10'
312339 -11	20621-SB-06:0-1'
312339 -12	20621-SB-06:9-10'
312339 -13	20621-SB-07:0-1'
312339 -14	20621-SB-07:9-10'

The 8260D calibration standard exceeded the acceptance criteria for bromomethane. Bromomethane was not detected, therefore this did not represent an out of control condition.

The 8260D matrix spike and matrix spike duplicate did not meet the relative percent difference for several compounds. The laboratory control sample passed the acceptance criteria, therefore the results were due to matrix effect.

Several 8260D compounds exceeded the acceptance criteria in the matrix spike sample duplicate. The compounds were not detected, therefore this did not represent an out of control condition.

All other quality control requirements were acceptable.

Date of Report: 12/27/23
Date Received: 12/18/23
Project: ICOPS WA23-20621-PH2, F&BI 312339
Date Extracted: 12/19/23
Date Analyzed: 12/20/23

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE USING METHOD NWTPH-Gx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Gasoline Range	Surrogate (% Recovery) (Limit 50-150)
20621-SB-01:0-1' 312339-01	<5	138
20621-SB-01:9-10' 312339-02	<5	142
20621-SB-02:0-1' 312339-03	<5	140
20621-SB-02:9-10' 312339-04	<5	140
20621-SB-03:0-1' 312339-05	<5	144
20621-SB-03:9-10' 312339-06	<5	141
20621-SB-04:0-1' 312339-07	<5	146
20621-SB-04:9-10' 312339-08	<5	142
20621-SB-05:0-1' 312339-09	<5	141
20621-SB-05:-10' 312339-10	<5	140
20621-SB-06:0-1' 312339-11	<5	145

Date of Report: 12/27/23
Date Received: 12/18/23
Project: ICOPS WA23-20621-PH2, F&BI 312339
Date Extracted: 12/19/23
Date Analyzed: 12/20/23

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE USING METHOD NWTPH-Gx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Gasoline Range	Surrogate (% Recovery) (Limit 50-150)
20621-SB-06:9-10' 312339-12	<5	146
20621-SB-07:0-1' 312339-13	<5	135
20621-SB-07:9-10' 312339-14	<5	141
Method Blank 03-2846 MB	<5	97

Date of Report: 12/27/23
Date Received: 12/18/23
Project: ICOPS WA23-20621-PH2, F&BI 312339
Date Extracted: 12/19/23
Date Analyzed: 12/19/23

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 50-150)
20621-SB-01:0-1' 312339-01	<50	<250	92
20621-SB-01:9-10' 312339-02	<50	<250	90
20621-SB-02:0-1' 312339-03	<50	<250	91
20621-SB-02:9-10' 312339-04	<50	<250	88
20621-SB-03:0-1' 312339-05	<50	340	87
20621-SB-03:9-10' 312339-06	<50	<250	87
20621-SB-04:0-1' 312339-07	<50	<250	88
20621-SB-04:9-10' 312339-08	<50	<250	88
20621-SB-05:0-1' 312339-09	<50	<250	88
20621-SB-05:-10' 312339-10	<50	<250	89
20621-SB-06:0-1' 312339-11	<50	<250	92

Date of Report: 12/27/23
Date Received: 12/18/23
Project: ICOPS WA23-20621-PH2, F&BI 312339
Date Extracted: 12/19/23
Date Analyzed: 12/19/23

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 50-150)
20621-SB-06:9-10' 312339-12	<50	<250	93
20621-SB-07:0-1' 312339-13	<50	2,100	89
20621-SB-07:9-10' 312339-14	<50	<250	91
Method Blank 03-2934 MB	<50	<250	88

Analysis For Total Metals By EPA Method 6020B

Client ID:	20621-SB-01:0-1'	Client:	Adapt Engineering
Date Received:	12/18/23	Project:	ICOPS WA23-20621-PH2
Date Extracted:	12/20/23	Lab ID:	312339-01 x5
Date Analyzed:	12/21/23	Data File:	312339-01 x5.126
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	<5
Cadmium	<5
Chromium	21.1
Lead	5.56
Mercury	<5

Analysis For Total Metals By EPA Method 6020B

Client ID:	20621-SB-01:9-10'	Client:	Adapt Engineering
Date Received:	12/18/23	Project:	ICOPS WA23-20621-PH2
Date Extracted:	12/20/23	Lab ID:	312339-02
Date Analyzed:	12/21/23	Data File:	312339-02.129
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.82
Cadmium	<1
Chromium	21.4
Lead	2.04
Mercury	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	20621-SB-02:0-1'	Client:	Adapt Engineering
Date Received:	12/18/23	Project:	ICOPS WA23-20621-PH2
Date Extracted:	12/20/23	Lab ID:	312339-03
Date Analyzed:	12/21/23	Data File:	312339-03.130
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.75
Cadmium	<1
Chromium	16.4
Lead	6.88
Mercury	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	20621-SB-02:9-10'	Client:	Adapt Engineering
Date Received:	12/18/23	Project:	ICOPS WA23-20621-PH2
Date Extracted:	12/20/23	Lab ID:	312339-04
Date Analyzed:	12/21/23	Data File:	312339-04.131
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	4.36
Cadmium	<1
Lead	2.43
Mercury	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	20621-SB-02:9-10'	Client:	Adapt Engineering
Date Received:	12/18/23	Project:	ICOPS WA23-20621-PH2
Date Extracted:	12/20/23	Lab ID:	312339-04 x5
Date Analyzed:	12/22/23	Data File:	312339-04 x5.079
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Chromium	24.5

Analysis For Total Metals By EPA Method 6020B

Client ID:	20621-SB-03:0-1'	Client:	Adapt Engineering
Date Received:	12/18/23	Project:	ICOPS WA23-20621-PH2
Date Extracted:	12/20/23	Lab ID:	312339-05
Date Analyzed:	12/21/23	Data File:	312339-05.132
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.96
Cadmium	<1
Chromium	16.9
Lead	10.3
Mercury	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	20621-SB-03:9-10'	Client:	Adapt Engineering
Date Received:	12/18/23	Project:	ICOPS WA23-20621-PH2
Date Extracted:	12/20/23	Lab ID:	312339-06
Date Analyzed:	12/21/23	Data File:	312339-06.139
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.01
Cadmium	<1
Chromium	20.9
Lead	2.37
Mercury	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	20621-SB-04:0-1'	Client:	Adapt Engineering
Date Received:	12/18/23	Project:	ICOPS WA23-20621-PH2
Date Extracted:	12/20/23	Lab ID:	312339-07
Date Analyzed:	12/21/23	Data File:	312339-07.140
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	5.21
Cadmium	<1
Chromium	13.6
Lead	18.8
Mercury	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	20621-SB-04:9-10'	Client:	Adapt Engineering
Date Received:	12/18/23	Project:	ICOPS WA23-20621-PH2
Date Extracted:	12/20/23	Lab ID:	312339-08
Date Analyzed:	12/21/23	Data File:	312339-08.141
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.76
Cadmium	<1
Chromium	19.4
Lead	2.16
Mercury	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	20621-SB-05:0-1'	Client:	Adapt Engineering
Date Received:	12/18/23	Project:	ICOPS WA23-20621-PH2
Date Extracted:	12/20/23	Lab ID:	312339-09
Date Analyzed:	12/21/23	Data File:	312339-09.142
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	7.85
Cadmium	1.66
Chromium	20.0
Lead	21.9
Mercury	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	20621-SB-05:-10'	Client:	Adapt Engineering
Date Received:	12/18/23	Project:	ICOPS WA23-20621-PH2
Date Extracted:	12/20/23	Lab ID:	312339-10
Date Analyzed:	12/21/23	Data File:	312339-10.143
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.27
Cadmium	<1
Chromium	19.3
Lead	2.08
Mercury	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	20621-SB-06:0-1'	Client:	Adapt Engineering
Date Received:	12/18/23	Project:	ICOPS WA23-20621-PH2
Date Extracted:	12/20/23	Lab ID:	312339-11
Date Analyzed:	12/21/23	Data File:	312339-11.144
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	10.2
Cadmium	<1
Chromium	18.7
Lead	14.9
Mercury	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	20621-SB-06:9-10'	Client:	Adapt Engineering
Date Received:	12/18/23	Project:	ICOPS WA23-20621-PH2
Date Extracted:	12/20/23	Lab ID:	312339-12
Date Analyzed:	12/21/23	Data File:	312339-12.145
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.55
Cadmium	<1
Chromium	20.9
Lead	2.09
Mercury	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	20621-SB-07:0-1'	Client:	Adapt Engineering
Date Received:	12/18/23	Project:	ICOPS WA23-20621-PH2
Date Extracted:	12/20/23	Lab ID:	312339-13
Date Analyzed:	12/21/23	Data File:	312339-13.151
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	8.33
Cadmium	<1
Lead	16.4
Mercury	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	20621-SB-07:0-1'	Client:	Adapt Engineering
Date Received:	12/18/23	Project:	ICOPS WA23-20621-PH2
Date Extracted:	12/20/23	Lab ID:	312339-13 x5
Date Analyzed:	12/22/23	Data File:	312339-13 x5.080
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Chromium	28.3

Analysis For Total Metals By EPA Method 6020B

Client ID:	20621-SB-07:9-10'	Client:	Adapt Engineering
Date Received:	12/18/23	Project:	ICOPS WA23-20621-PH2
Date Extracted:	12/20/23	Lab ID:	312339-14
Date Analyzed:	12/21/23	Data File:	312339-14.152
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.89
Cadmium	<1
Chromium	22.5
Lead	2.54
Mercury	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	Method Blank	Client:	Adapt Engineering
Date Received:	NA	Project:	ICOPS WA23-20621-PH2
Date Extracted:	12/20/23	Lab ID:	I3-1011 mb
Date Analyzed:	12/20/23	Data File:	I3-1011 mb.139
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	<1
Cadmium	<1
Chromium	<1
Lead	<1
Mercury	<1

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition LL

Client Sample ID:	20621-SB-01:0-1'	Client:	Adapt Engineering
Date Received:	12/18/23	Project:	ICOPS WA23-20621-PH2
Date Extracted:	12/19/23	Lab ID:	312339-01 1/0.5
Date Analyzed:	12/19/23	Data File:	121918.D
Matrix:	Soil	Instrument:	GCMS13
Units:	mg/kg (ppm) Dry Weight	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	93	84	120
Toluene-d8	97	73	128
4-Bromofluorobenzene	99	57	146

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.002
Vinyl chloride	<0.002	Dibromochloromethane	<0.05
Bromomethane	<0.5 k	1,2-Dibromoethane (EDB)	<0.005
Chloroethane	<0.1	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.001
Acetone	<5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.002	m,p-Xylene	<0.002
Hexane	<0.25	o-Xylene	<0.001
Methylene chloride	<0.2	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.002	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.002	Bromoform	<0.05
1,1-Dichloroethane	<0.002	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.002	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<1	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.002	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.002	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.001	sec-Butylbenzene	<0.05
Trichloroethene	<0.002	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<1	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.001	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.01
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition LL

Client Sample ID:	20621-SB-01:9-10'	Client:	Adapt Engineering
Date Received:	12/18/23	Project:	ICOPS WA23-20621-PH2
Date Extracted:	12/19/23	Lab ID:	312339-02 1/0.5
Date Analyzed:	12/19/23	Data File:	121919.D
Matrix:	Soil	Instrument:	GCMS13
Units:	mg/kg (ppm) Dry Weight	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	84	120
Toluene-d8	100	73	128
4-Bromofluorobenzene	98	57	146

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.002
Vinyl chloride	<0.002	Dibromochloromethane	<0.05
Bromomethane	<0.5 k	1,2-Dibromoethane (EDB)	<0.005
Chloroethane	<0.1	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.001
Acetone	<5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.002	m,p-Xylene	<0.002
Hexane	<0.25	o-Xylene	<0.001
Methylene chloride	<0.2	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.002	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.002	Bromoform	<0.05
1,1-Dichloroethane	<0.002	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.002	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<1	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.002	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.002	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.001	sec-Butylbenzene	<0.05
Trichloroethene	<0.002	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<1	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.001	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.01
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition LL

Client Sample ID:	20621-SB-02:0-1'	Client:	Adapt Engineering
Date Received:	12/18/23	Project:	ICOPS WA23-20621-PH2
Date Extracted:	12/19/23	Lab ID:	312339-03 1/0.5
Date Analyzed:	12/19/23	Data File:	121920.D
Matrix:	Soil	Instrument:	GCMS13
Units:	mg/kg (ppm) Dry Weight	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	97	84	120
Toluene-d8	97	73	128
4-Bromofluorobenzene	98	57	146

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.002
Vinyl chloride	<0.002	Dibromochloromethane	<0.05
Bromomethane	<0.5 k	1,2-Dibromoethane (EDB)	<0.005
Chloroethane	<0.1	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.001
Acetone	<5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.002	m,p-Xylene	<0.002
Hexane	<0.25	o-Xylene	<0.001
Methylene chloride	<0.2	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.002	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.002	Bromoform	<0.05
1,1-Dichloroethane	<0.002	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.002	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<1	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.002	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.002	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.001	sec-Butylbenzene	<0.05
Trichloroethene	<0.002	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<1	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.001	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.01
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition LL

Client Sample ID:	20621-SB-02:9-10'	Client:	Adapt Engineering
Date Received:	12/18/23	Project:	ICOPS WA23-20621-PH2
Date Extracted:	12/19/23	Lab ID:	312339-04 1/0.5
Date Analyzed:	12/19/23	Data File:	121921.D
Matrix:	Soil	Instrument:	GCMS13
Units:	mg/kg (ppm) Dry Weight	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	84	120
Toluene-d8	100	73	128
4-Bromofluorobenzene	97	57	146

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.002
Vinyl chloride	<0.002	Dibromochloromethane	<0.05
Bromomethane	<0.5 k	1,2-Dibromoethane (EDB)	<0.005
Chloroethane	<0.1	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.001
Acetone	<5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.002	m,p-Xylene	<0.002
Hexane	<0.25	o-Xylene	<0.001
Methylene chloride	<0.2	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.002	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.002	Bromoform	<0.05
1,1-Dichloroethane	<0.002	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.002	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<1	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.002	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.002	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.001	sec-Butylbenzene	<0.05
Trichloroethene	<0.002	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<1	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.001	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.01
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition LL

Client Sample ID:	20621-SB-03:0-1'	Client:	Adapt Engineering
Date Received:	12/18/23	Project:	ICOPS WA23-20621-PH2
Date Extracted:	12/19/23	Lab ID:	312339-05 1/0.5
Date Analyzed:	12/19/23	Data File:	121922.D
Matrix:	Soil	Instrument:	GCMS13
Units:	mg/kg (ppm) Dry Weight	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	84	120
Toluene-d8	106	73	128
4-Bromofluorobenzene	102	57	146

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.002
Vinyl chloride	<0.002	Dibromochloromethane	<0.05
Bromomethane	<0.5 k	1,2-Dibromoethane (EDB)	<0.005
Chloroethane	<0.1	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.001
Acetone	<5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.002	m,p-Xylene	<0.002
Hexane	<0.25	o-Xylene	<0.001
Methylene chloride	<0.2	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.002	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.002	Bromoform	<0.05
1,1-Dichloroethane	<0.002	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.002	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<1	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.002	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.002	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.001	sec-Butylbenzene	<0.05
Trichloroethene	<0.002	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<1	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.001	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.01
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition LL

Client Sample ID:	20621-SB-03:9-10'	Client:	Adapt Engineering
Date Received:	12/18/23	Project:	ICOPS WA23-20621-PH2
Date Extracted:	12/19/23	Lab ID:	312339-06 1/0.5
Date Analyzed:	12/19/23	Data File:	121923.D
Matrix:	Soil	Instrument:	GCMS13
Units:	mg/kg (ppm) Dry Weight	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	84	120
Toluene-d8	96	73	128
4-Bromofluorobenzene	103	57	146

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.002
Vinyl chloride	<0.002	Dibromochloromethane	<0.05
Bromomethane	<0.5 k	1,2-Dibromoethane (EDB)	<0.005
Chloroethane	<0.1	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.001
Acetone	<5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.002	m,p-Xylene	<0.002
Hexane	<0.25	o-Xylene	<0.001
Methylene chloride	<0.2	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.002	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.002	Bromoform	<0.05
1,1-Dichloroethane	<0.002	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.002	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<1	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.002	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.002	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.001	sec-Butylbenzene	<0.05
Trichloroethene	<0.002	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<1	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.001	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.01
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition LL

Client Sample ID:	20621-SB-04:0-1'	Client:	Adapt Engineering
Date Received:	12/18/23	Project:	ICOPS WA23-20621-PH2
Date Extracted:	12/19/23	Lab ID:	312339-07 1/0.5
Date Analyzed:	12/19/23	Data File:	121924.D
Matrix:	Soil	Instrument:	GCMS13
Units:	mg/kg (ppm) Dry Weight	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	84	120
Toluene-d8	103	73	128
4-Bromofluorobenzene	99	57	146

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.002
Vinyl chloride	<0.002	Dibromochloromethane	<0.05
Bromomethane	<0.5 k	1,2-Dibromoethane (EDB)	<0.005
Chloroethane	<0.1	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.001
Acetone	<5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.002	m,p-Xylene	<0.002
Hexane	<0.25	o-Xylene	<0.001
Methylene chloride	<0.2	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.002	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.002	Bromoform	<0.05
1,1-Dichloroethane	<0.002	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.002	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<1	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.002	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.002	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.001	sec-Butylbenzene	<0.05
Trichloroethene	<0.002	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<1	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.001	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.01
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition LL

Client Sample ID:	20621-SB-04:9-10'	Client:	Adapt Engineering
Date Received:	12/18/23	Project:	ICOPS WA23-20621-PH2
Date Extracted:	12/19/23	Lab ID:	312339-08 1/0.5
Date Analyzed:	12/19/23	Data File:	121925.D
Matrix:	Soil	Instrument:	GCMS13
Units:	mg/kg (ppm) Dry Weight	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	84	120
Toluene-d8	96	73	128
4-Bromofluorobenzene	100	57	146

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.002
Vinyl chloride	<0.002	Dibromochloromethane	<0.05
Bromomethane	<0.5 k	1,2-Dibromoethane (EDB)	<0.005
Chloroethane	<0.1	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.001
Acetone	<5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.002	m,p-Xylene	<0.002
Hexane	<0.25	o-Xylene	<0.001
Methylene chloride	<0.2	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.002	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.002	Bromoform	<0.05
1,1-Dichloroethane	<0.002	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.002	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<1	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.002	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.002	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.001	sec-Butylbenzene	<0.05
Trichloroethene	<0.002	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<1	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.001	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.01
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition LL

Client Sample ID:	20621-SB-05:0-1'	Client:	Adapt Engineering
Date Received:	12/18/23	Project:	ICOPS WA23-20621-PH2
Date Extracted:	12/19/23	Lab ID:	312339-09 1/0.5
Date Analyzed:	12/19/23	Data File:	121926.D
Matrix:	Soil	Instrument:	GCMS13
Units:	mg/kg (ppm) Dry Weight	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	107	84	120
Toluene-d8	103	73	128
4-Bromofluorobenzene	100	57	146

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.002
Vinyl chloride	<0.002	Dibromochloromethane	<0.05
Bromomethane	<0.5 k	1,2-Dibromoethane (EDB)	<0.005
Chloroethane	<0.1	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.001
Acetone	<5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.002	m,p-Xylene	<0.002
Hexane	<0.25	o-Xylene	<0.001
Methylene chloride	<0.2	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.002	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.002	Bromoform	<0.05
1,1-Dichloroethane	<0.002	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.002	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<1	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.002	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.002	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.001	sec-Butylbenzene	<0.05
Trichloroethene	<0.002	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<1	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.001	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.01
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition LL

Client Sample ID:	20621-SB-05:-10'	Client:	Adapt Engineering
Date Received:	12/18/23	Project:	ICOPS WA23-20621-PH2
Date Extracted:	12/19/23	Lab ID:	312339-10 1/0.5
Date Analyzed:	12/19/23	Data File:	121927.D
Matrix:	Soil	Instrument:	GCMS13
Units:	mg/kg (ppm) Dry Weight	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	84	120
Toluene-d8	95	73	128
4-Bromofluorobenzene	99	57	146

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.002
Vinyl chloride	<0.002	Dibromochloromethane	<0.05
Bromomethane	<0.5 k	1,2-Dibromoethane (EDB)	<0.005
Chloroethane	<0.1	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.001
Acetone	<5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.002	m,p-Xylene	<0.002
Hexane	<0.25	o-Xylene	<0.001
Methylene chloride	<0.2	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.002	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.002	Bromoform	<0.05
1,1-Dichloroethane	<0.002	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.002	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<1	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.002	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.002	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.001	sec-Butylbenzene	<0.05
Trichloroethene	<0.002	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<1	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.001	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.01
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition LL

Client Sample ID:	20621-SB-06:0-1'	Client:	Adapt Engineering
Date Received:	12/18/23	Project:	ICOPS WA23-20621-PH2
Date Extracted:	12/19/23	Lab ID:	312339-11 1/0.5
Date Analyzed:	12/19/23	Data File:	121928.D
Matrix:	Soil	Instrument:	GCMS13
Units:	mg/kg (ppm) Dry Weight	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	84	120
Toluene-d8	105	73	128
4-Bromofluorobenzene	97	57	146

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.002
Vinyl chloride	<0.002	Dibromochloromethane	<0.05
Bromomethane	<0.5 k	1,2-Dibromoethane (EDB)	<0.005
Chloroethane	<0.1	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.001
Acetone	<5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.002	m,p-Xylene	<0.002
Hexane	<0.25	o-Xylene	<0.001
Methylene chloride	<0.2	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.002	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.002	Bromoform	<0.05
1,1-Dichloroethane	<0.002	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.002	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<1	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.002	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.002	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.001	sec-Butylbenzene	<0.05
Trichloroethene	<0.002	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<1	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.001	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.01
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition LL

Client Sample ID:	20621-SB-06:9-10'	Client:	Adapt Engineering
Date Received:	12/18/23	Project:	ICOPS WA23-20621-PH2
Date Extracted:	12/19/23	Lab ID:	312339-12 1/0.5
Date Analyzed:	12/19/23	Data File:	121929.D
Matrix:	Soil	Instrument:	GCMS13
Units:	mg/kg (ppm) Dry Weight	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	109	84	120
Toluene-d8	107	73	128
4-Bromofluorobenzene	98	57	146

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.002
Vinyl chloride	<0.002	Dibromochloromethane	<0.05
Bromomethane	<0.5 k	1,2-Dibromoethane (EDB)	<0.005
Chloroethane	<0.1	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.001
Acetone	<5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.002	m,p-Xylene	<0.002
Hexane	<0.25	o-Xylene	<0.001
Methylene chloride	<0.2	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.002	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.002	Bromoform	<0.05
1,1-Dichloroethane	<0.002	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.002	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<1	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.002	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.002	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.001	sec-Butylbenzene	<0.05
Trichloroethene	<0.002	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<1	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.001	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.01
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition LL

Client Sample ID:	20621-SB-07:0-1'	Client:	Adapt Engineering
Date Received:	12/18/23	Project:	ICOPS WA23-20621-PH2
Date Extracted:	12/19/23	Lab ID:	312339-13 1/0.5
Date Analyzed:	12/19/23	Data File:	121930.D
Matrix:	Soil	Instrument:	GCMS13
Units:	mg/kg (ppm) Dry Weight	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	84	120
Toluene-d8	97	73	128
4-Bromofluorobenzene	97	57	146

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.0023
Vinyl chloride	<0.002	Dibromochloromethane	<0.05
Bromomethane	<0.5 k	1,2-Dibromoethane (EDB)	<0.005
Chloroethane	<0.1	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.001
Acetone	<5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.002	m,p-Xylene	<0.002
Hexane	<0.25	o-Xylene	<0.001
Methylene chloride	<0.2	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.002	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.002	Bromoform	<0.05
1,1-Dichloroethane	<0.002	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.002	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<1	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.002	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.002	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.001	sec-Butylbenzene	<0.05
Trichloroethene	<0.002	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<1	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.001	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.01
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition LL

Client Sample ID:	20621-SB-07:9-10'	Client:	Adapt Engineering
Date Received:	12/18/23	Project:	ICOPS WA23-20621-PH2
Date Extracted:	12/19/23	Lab ID:	312339-14 1/0.5
Date Analyzed:	12/19/23	Data File:	121931.D
Matrix:	Soil	Instrument:	GCMS13
Units:	mg/kg (ppm) Dry Weight	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	84	120
Toluene-d8	107	73	128
4-Bromofluorobenzene	105	57	146

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.002
Vinyl chloride	<0.002	Dibromochloromethane	<0.05
Bromomethane	<0.5 k	1,2-Dibromoethane (EDB)	<0.005
Chloroethane	<0.1	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.001
Acetone	<5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.002	m,p-Xylene	<0.002
Hexane	<0.25	o-Xylene	<0.001
Methylene chloride	<0.2	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.002	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.002	Bromoform	<0.05
1,1-Dichloroethane	<0.002	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.002	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<1	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.002	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.002	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.001	sec-Butylbenzene	<0.05
Trichloroethene	<0.002	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<1	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.001	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.01
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition LL

Client Sample ID:	Method Blank	Client:	Adapt Engineering
Date Received:	Not Applicable	Project:	ICOPS WA23-20621-PH2
Date Extracted:	12/19/23	Lab ID:	03-2916 mb 1/0.5
Date Analyzed:	12/19/23	Data File:	121917.D
Matrix:	Soil	Instrument:	GCMS13
Units:	mg/kg (ppm) Dry Weight	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	95	84	120
Toluene-d8	100	73	128
4-Bromofluorobenzene	95	57	146

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.002
Vinyl chloride	<0.002	Dibromochloromethane	<0.05
Bromomethane	<0.5 k	1,2-Dibromoethane (EDB)	<0.005
Chloroethane	<0.1	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.001
Acetone	<5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.002	m,p-Xylene	<0.002
Hexane	<0.25	o-Xylene	<0.001
Methylene chloride	<0.2	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.002	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.002	Bromoform	<0.05
1,1-Dichloroethane	<0.002	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.002	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<1	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.002	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.002	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.001	sec-Butylbenzene	<0.05
Trichloroethene	<0.002	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<1	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.001	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.01
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

Date of Report: 12/27/23
Date Received: 12/18/23
Project: ICOPS WA23-20621-PH2, F&BI 312339

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TPH AS GASOLINE USING METHOD NWTPH-Gx

Laboratory Code: 312309-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<5	<5	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	40	95	70-130

Date of Report: 12/27/23
Date Received: 12/18/23
Project: ICOPS WA23-20621-PH2, F&BI 312339

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 312339-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	(Wet wt) Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	67	93	93	64-136	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	92	78-121

Date of Report: 12/27/23
Date Received: 12/18/23
Project: ICOPS WA23-20621-PH2, F&BI 312339

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TOTAL METALS USING EPA METHOD 6020B

Laboratory Code: 312339-01 x5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	mg/kg (ppm)	10	<5	120	93	75-125	25 vo
Cadmium	mg/kg (ppm)	10	<5	106	95	75-125	11
Chromium	mg/kg (ppm)	50	16.2	104 b	90 b	75-125	14 b
Lead	mg/kg (ppm)	50	<5	100	91	75-125	9
Mercury	mg/kg (ppm	5	<5	91	84	75-125	8

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	mg/kg (ppm)	10	96	80-120
Cadmium	mg/kg (ppm)	10	94	80-120
Chromium	mg/kg (ppm)	50	107	80-120
Lead	mg/kg (ppm)	50	93	80-120
Mercury	mg/kg (ppm)	5	93	80-120

Date of Report: 12/27/23
Date Received: 12/18/23
Project: ICOPS WA23-20621-PH2, F&BI 312339

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260D

Laboratory Code: 312339-04 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Dichlorodifluoromethane	mg/kg (ppm)	2	<0.5	44	49 vo	10-47	11
Chloromethane	mg/kg (ppm)	2	<0.5	58	69	10-88	17
Vinyl chloride	mg/kg (ppm)	2	<0.05	64	72	10-79	12
Bromomethane	mg/kg (ppm)	2	<0.5	56	72	10-85	25 vo
Chloroethane	mg/kg (ppm)	2	<0.5	61	73	11-106	18
Trichlorofluoromethane	mg/kg (ppm)	2	<0.5	82	90 vo	10-85	9
Acetone	mg/kg (ppm)	10	<5	59	74	10-224	23 vo
1,1-Dichloroethene	mg/kg (ppm)	2	<0.05	80	90	11-105	12
Hexane	mg/kg (ppm)	2	<0.25	75	84	10-106	11
Methylene chloride	mg/kg (ppm)	2	<0.5	88	96	10-139	9
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	2	<0.05	83	93	18-131	11
trans-1,2-Dichloroethene	mg/kg (ppm)	2	<0.05	82	92	16-122	11
1,1-Dichloroethane	mg/kg (ppm)	2	<0.05	81	92	19-125	13
2,2-Dichloropropane	mg/kg (ppm)	2	<0.05	71	80	10-184	12
cis-1,2-Dichloroethene	mg/kg (ppm)	2	<0.05	85	95	18-129	11
Chloroform	mg/kg (ppm)	2	<0.05	83	93	18-126	11
2-Butanone (MEK)	mg/kg (ppm)	10	<1	70	82	10-190	16
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2	<0.05	82	91	19-138	10
1,1,1-Trichloroethane	mg/kg (ppm)	2	<0.05	83	94	16-126	12
1,1-Dichloropropene	mg/kg (ppm)	2	<0.05	81	91	19-129	12
Carbon tetrachloride	mg/kg (ppm)	2	<0.05	83	95	13-125	13
Benzene	mg/kg (ppm)	2	<0.03	89	99	15-129	11
Trichloroethene	mg/kg (ppm)	2	<0.02	80	92	14-127	14
1,2-Dichloropropane	mg/kg (ppm)	2	<0.05	81	89	17-137	9
Bromodichloromethane	mg/kg (ppm)	2	<0.05	85	93	24-130	9
Dibromomethane	mg/kg (ppm)	2	<0.05	82	93	20-138	13
4-Methyl-2-pentanone	mg/kg (ppm)	10	<1	86	93	21-139	8
cis-1,3-Dichloropropene	mg/kg (ppm)	2	<0.05	85	95	17-135	11
Toluene	mg/kg (ppm)	2	<0.05	94	96	15-129	2
trans-1,3-Dichloropropene	mg/kg (ppm)	2	<0.05	81	84	18-130	4
1,1,2-Trichloroethane	mg/kg (ppm)	2	<0.05	87	89	29-128	2
2-Hexanone	mg/kg (ppm)	10	<0.5	72	76	28-142	5
1,3-Dichloropropane	mg/kg (ppm)	2	<0.05	86	89	20-135	3
Tetrachloroethene	mg/kg (ppm)	2	<0.025	84	86	20-121	2
Dibromochloromethane	mg/kg (ppm)	2	<0.05	84	87	11-138	4
1,2-Dibromoethane (EDB)	mg/kg (ppm)	2	<0.05	93	95	21-130	2
Chlorobenzene	mg/kg (ppm)	2	<0.05	93	95	19-129	2
Ethylbenzene	mg/kg (ppm)	2	<0.05	95	97	23-133	2
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	2	<0.05	89	93	16-127	4
m,p-Xylene	mg/kg (ppm)	4	<0.1	93	95	19-134	2
o-Xylene	mg/kg (ppm)	2	<0.05	93	96	20-132	3
Styrene	mg/kg (ppm)	2	<0.05	90	91	23-127	1
Isopropylbenzene	mg/kg (ppm)	2	<0.05	91	95	21-134	4
Bromoform	mg/kg (ppm)	2	<0.05	86	90	10-142	5
n-Propylbenzene	mg/kg (ppm)	2	<0.05	89	90	10-141	1
Bromobenzene	mg/kg (ppm)	2	<0.05	89	91	10-135	2
1,3,5-Trimethylbenzene	mg/kg (ppm)	2	<0.05	91	92	20-136	1
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	2	<0.05	91	92	10-234	1
1,2,3-Trichloropropane	mg/kg (ppm)	2	<0.05	85	87	10-144	2
2-Chlorotoluene	mg/kg (ppm)	2	<0.05	88	90	10-139	2
4-Chlorotoluene	mg/kg (ppm)	2	<0.05	88	88	10-139	0
tert-Butylbenzene	mg/kg (ppm)	2	<0.05	94	95	10-144	1
1,2,4-Trimethylbenzene	mg/kg (ppm)	2	<0.05	90	92	24-133	2
sec-Butylbenzene	mg/kg (ppm)	2	<0.05	93	95	23-134	2
p-Isopropyltoluene	mg/kg (ppm)	2	<0.05	93	94	25-131	1
1,3-Dichlorobenzene	mg/kg (ppm)	2	<0.05	91	93	10-143	2
1,4-Dichlorobenzene	mg/kg (ppm)	2	<0.05	92	94	10-146	2
1,2-Dichlorobenzene	mg/kg (ppm)	2	<0.05	92	93	10-144	1
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	2	<0.5	83	88	10-163	6
1,2,4-Trichlorobenzene	mg/kg (ppm)	2	<0.25	94	95	10-147	1
Hexachlorobutadiene	mg/kg (ppm)	2	<0.25	90	91	10-162	1
Naphthalene	mg/kg (ppm)	2	<0.05	94	95	30-138	1
1,2,3-Trichlorobenzene	mg/kg (ppm)	2	<0.25	94	96	10-173	2

Date of Report: 12/27/23
Date Received: 12/18/23
Project: ICOPS WA23-20621-PH2, F&BI 312339

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260D

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Dichlorodifluoromethane	mg/kg (ppm)	2	64	10-93
Chloromethane	mg/kg (ppm)	2	83	34-101
Vinyl chloride	mg/kg (ppm)	2	90	47-106
Bromomethane	mg/kg (ppm)	2	85	38-123
Chloroethane	mg/kg (ppm)	2	80	44-123
Trichlorofluoromethane	mg/kg (ppm)	2	94	56-108
Acetone	mg/kg (ppm)	10	88	24-185
1,1-Dichloroethene	mg/kg (ppm)	2	96	61-118
Hexane	mg/kg (ppm)	2	96	54-142
Methylene chloride	mg/kg (ppm)	2	103	10-213
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	2	99	70-130
trans-1,2-Dichloroethene	mg/kg (ppm)	2	96	70-130
1,1-Dichloroethane	mg/kg (ppm)	2	102	70-130
2,2-Dichloropropane	mg/kg (ppm)	2	111	45-172
cis-1,2-Dichloroethene	mg/kg (ppm)	2	98	70-130
Chloroform	mg/kg (ppm)	2	99	70-130
2-Butanone (MEK)	mg/kg (ppm)	10	98	36-182
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2	104	66-140
1,1,1-Trichloroethane	mg/kg (ppm)	2	100	70-130
1,1-Dichloropropene	mg/kg (ppm)	2	100	70-130
Carbon tetrachloride	mg/kg (ppm)	2	97	68-146
Benzene	mg/kg (ppm)	2	105	70-130
Trichloroethene	mg/kg (ppm)	2	93	53-133
1,2-Dichloropropane	mg/kg (ppm)	2	96	67-137
Bromodichloromethane	mg/kg (ppm)	2	102	70-130
Dibromomethane	mg/kg (ppm)	2	96	70-130
4-Methyl-2-pentanone	mg/kg (ppm)	10	98	70-130
cis-1,3-Dichloropropene	mg/kg (ppm)	2	104	70-130
Toluene	mg/kg (ppm)	2	107	63-127
trans-1,3-Dichloropropene	mg/kg (ppm)	2	102	70-130
1,1,2-Trichloroethane	mg/kg (ppm)	2	104	70-130
2-Hexanone	mg/kg (ppm)	10	100	65-148
1,3-Dichloropropane	mg/kg (ppm)	2	100	67-135
Tetrachloroethene	mg/kg (ppm)	2	92	59-138
Dibromochloromethane	mg/kg (ppm)	2	96	61-154
1,2-Dibromoethane (EDB)	mg/kg (ppm)	2	108	70-130
Chlorobenzene	mg/kg (ppm)	2	101	65-133
Ethylbenzene	mg/kg (ppm)	2	109	60-140
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	2	100	68-129
m,p-Xylene	mg/kg (ppm)	4	104	56-145
o-Xylene	mg/kg (ppm)	2	105	61-137
Styrene	mg/kg (ppm)	2	98	61-138
Isopropylbenzene	mg/kg (ppm)	2	104	52-148
Bromoform	mg/kg (ppm)	2	95	57-166
n-Propylbenzene	mg/kg (ppm)	2	100	36-162
Bromobenzene	mg/kg (ppm)	2	94	63-127
1,3,5-Trimethylbenzene	mg/kg (ppm)	2	101	43-156
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	2	111	35-184
1,2,3-Trichloropropane	mg/kg (ppm)	2	106	70-130
2-Chlorotoluene	mg/kg (ppm)	2	102	50-146
4-Chlorotoluene	mg/kg (ppm)	2	102	47-150
tert-Butylbenzene	mg/kg (ppm)	2	101	41-154
1,2,4-Trimethylbenzene	mg/kg (ppm)	2	100	42-159
sec-Butylbenzene	mg/kg (ppm)	2	102	25-175
p-Isopropyltoluene	mg/kg (ppm)	2	102	18-186
1,3-Dichlorobenzene	mg/kg (ppm)	2	101	49-149
1,4-Dichlorobenzene	mg/kg (ppm)	2	102	48-149
1,2-Dichlorobenzene	mg/kg (ppm)	2	98	58-139
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	2	105	70-130
1,2,4-Trichlorobenzene	mg/kg (ppm)	2	103	39-166
Hexachlorobutadiene	mg/kg (ppm)	2	101	41-186
Naphthalene	mg/kg (ppm)	2	102	67-143
1,2,3-Trichlorobenzene	mg/kg (ppm)	2	102	49-165

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria, biased low; or, the calibration results for the analyte were outside of acceptance criteria, biased high, with a detection for the analyte in the sample. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The analyte is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht – The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported below the standard reporting limit. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

k – The calibration results for the analyte were outside of acceptance criteria, biased high, and the analyte was not detected in the sample.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

312339

SAMPLE CHAIN OF CUSTODY

12/18/23

M3 / VS-D2

Page # 1 of 2

Report To John Bhend

Company Adapt

Address 617 8th Ave South

City, State, ZIP Seattle, WA 98104

Phone 206-654-7045 Email JohnBhend@Adaptnw.com

SAMPLERS (*signature*)

PROJECT NAME: ICOPS

PO #: WA23-20621-PH2

REMARKS

Project specific RLs? - Yes / (No)

INVOICE TO

TURNAROUND TIME
- ☒ Standard turnaround
- ☐ RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Archive samples
- ☐ Other
- (Default:) Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	MTCA Metals				Notes
						ANALYSES REQUESTED											
20621-SB-01-0-1'	01 A.E	12-18-23	0943	Soil	5	X	X			X			X				
20621-SB-01: 9-10'	02		0958														
20621-SB-02: 0-1'	03		1016														
20621-SB-02: 9-10'	04		1024														
20621-SB-03: 0-1'	05		1105														
20621-SB-03: 9-10'	06		1119														
20621-SB-04: 0-1'	07		1216														
20621-SB-04: 9-10'	08		1223														
20621-SB-05: 0-1'	09		1319														
20621-SB-05: 9-10'	10		1325														

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	John Bhend	Adapt	12-18-23	1648
Received by:	ANH PHAN	FSO	12/18/23	16:48
Relinquished by:		Samples received at 0 °C		
Received by:				

Friedman & Bruya, Inc.
Ph. (206) 285-8282

312339

SAMPLE CHAIN OF CUSTODY

12/18/23

M3/VS-D2

Page # 2 of 2

Report To John Bhandal

Company Adapt

Address 617 8th Ave South

City, State, ZIP Seattle, WA 98104

Phone 206-654-7043 Email John.Bhandal@Adaptnw.com

SAMPLERS (*signature*)

PROJECT NAME: ICOPS

PO #: WA23-20621-PH2

REMARKS

Project specific RLs? - Yes (No)

INVOICE TO

TURNAROUND TIME
- [x] Standard turnaround
- [ ] RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- [ ] Archive samples
- [ ] Other
- (Default) Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	MTCA Metals				Notes
20621-SB-06: 0-1'	11 A.E	12-18-23	1339	Soil	5	X	X			X			X				
20621-SB-06: 9-10'	12		1348														
20621-SB-07: 0-1'	13		1404														
20621-SB-07: 9-10'	14		1430														

ANALYSES REQUESTED

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	John Bhandal	Adapt	12-18-23	1648
Received by:	ANHPHAN	FSB	12/18/23	16:48
Relinquished by:		Samples received at 0 °C		
Received by:				

Friedman & Bruya, Inc.
Ph. (206) 285-8282

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Vineta Mills, M.S.
Eric Young, B.S.

5500 4th Avenue South
Seattle, WA 98108
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

January 4, 2024

John Bhend, Project Manager
Adapt Engineering
617 8th Ave S
Seattle, WA 98104

Dear Mr Bhend:

Included are the results from the testing of material submitted on December 26, 2023 from the ICOPS WA23-20621-PH2, F&BI 312434 project. There are 14 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
ADP0104R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on December 26, 2023 by Friedman & Bruya, Inc. from the Adapt Engineering ICOPS WA23-20621-PH2, F&BI 312434 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Adapt Engineering
312434 -01	20621-B-01:0-1'

Arsenic in the 6020B matrix spike and matrix spike duplicate exceeded the acceptance criteria. The laboratory control sample passed the acceptance criteria, therefore the results were due to matrix effect.

The 8260D calibration standard exceeded the acceptance criteria for several compounds. The compounds were not detected, therefore this did not represent an out of control condition.

All other quality control requirements were acceptable.

Date of Report: 01/04/24
Date Received: 12/26/23
Project: ICOPS WA23-20621-PH2, F&BI 312434
Date Extracted: 12/26/23
Date Analyzed: 12/27/23

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE USING METHOD NWTPH-Gx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Gasoline Range	Surrogate (% Recovery) (Limit 50-150)
20621-B-01:0-1' 312434-01	<5	99
Method Blank 03-2855 MB	<5	97

Date of Report: 01/04/24
Date Received: 12/26/23
Project: ICOPS WA23-20621-PH2, F&BI 312434
Date Extracted: 12/27/23
Date Analyzed: 12/27/23

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 50-150)
20621-B-01:0-1' 312434-01	<50	<250	86
Method Blank 03-2971 MB	<50	<250	90

Analysis For Total Metals By EPA Method 6020B

Client ID:	20621-B-01:0-1'	Client:	Adapt Engineering
Date Received:	12/26/23	Project:	ICOPS WA23-20621-PH2
Date Extracted:	12/27/23	Lab ID:	312434-01
Date Analyzed:	12/27/23	Data File:	312434-01.065
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.34
Cadmium	<1
Lead	8.97
Mercury	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	20621-B-01:0-1'	Client:	Adapt Engineering
Date Received:	12/26/23	Project:	ICOPS WA23-20621-PH2
Date Extracted:	12/27/23	Lab ID:	312434-01 x5
Date Analyzed:	12/27/23	Data File:	312434-01 x5.119
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Chromium	21.0

Analysis For Total Metals By EPA Method 6020B

Client ID:	Method Blank	Client:	Adapt Engineering
Date Received:	NA	Project:	ICOPS WA23-20621-PH2
Date Extracted:	12/27/23	Lab ID:	I3-1022 mb2
Date Analyzed:	12/27/23	Data File:	I3-1022 mb2.051
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	<1
Cadmium	<1
Chromium	<1
Lead	<1
Mercury	<1

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition LL

Client Sample ID:	20621-B-01:0-1' pc	Client:	Adapt Engineering
Date Received:	12/26/23	Project:	ICOPS WA23-20621-PH2
Date Extracted:	12/29/23	Lab ID:	312434-01 1/0.5
Date Analyzed:	01/03/24	Data File:	010310.D
Matrix:	Soil	Instrument:	GCMS11
Units:	mg/kg (ppm) Dry Weight	Operator:	IJL

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	79	128
Toluene-d8	100	84	121
4-Bromofluorobenzene	103	84	116

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.002
Vinyl chloride	<0.002	Dibromochloromethane	<0.05
Bromomethane	<0.5	1,2-Dibromoethane (EDB)	<0.005
Chloroethane	<0.1	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	0.0032
Acetone	<5	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.002	m,p-Xylene	0.014
Hexane	<0.25	o-Xylene	0.0044
Methylene chloride	<0.2	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.002	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.002	Bromoform	<0.05
1,1-Dichloroethane	<0.002	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05 k	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.002	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<1	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.002	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.002	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.001	sec-Butylbenzene	<0.05
Trichloroethene	<0.002	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<1	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	0.0051	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.01
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5 k		

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition LL

Client Sample ID:	Method Blank	Client:	Adapt Engineering
Date Received:	Not Applicable	Project:	ICOPS WA23-20621-PH2
Date Extracted:	12/29/23	Lab ID:	03-2972 mb 1/0.5
Date Analyzed:	12/29/23	Data File:	122909.D
Matrix:	Soil	Instrument:	GCMS11
Units:	mg/kg (ppm) Dry Weight	Operator:	IJL

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	97	79	128
Toluene-d8	100	84	121
4-Bromofluorobenzene	104	84	116

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	1,3-Dichloropropane	<0.05
Chloromethane	<0.5	Tetrachloroethene	<0.002
Vinyl chloride	<0.002	Dibromochloromethane	<0.05
Bromomethane	<0.5 k	1,2-Dibromoethane (EDB)	<0.005
Chloroethane	<0.1	Chlorobenzene	<0.05
Trichlorofluoromethane	<0.5	Ethylbenzene	<0.001
Acetone	<5 k	1,1,1,2-Tetrachloroethane	<0.05
1,1-Dichloroethene	<0.002	m,p-Xylene	<0.002
Hexane	<0.25	o-Xylene	<0.001
Methylene chloride	<0.2	Styrene	<0.05
Methyl t-butyl ether (MTBE)	<0.002	Isopropylbenzene	<0.05
trans-1,2-Dichloroethene	<0.002	Bromoform	<0.05
1,1-Dichloroethane	<0.002	n-Propylbenzene	<0.05
2,2-Dichloropropane	<0.05 k	Bromobenzene	<0.05
cis-1,2-Dichloroethene	<0.002	1,3,5-Trimethylbenzene	<0.05
Chloroform	<0.05	1,1,2,2-Tetrachloroethane	<0.05
2-Butanone (MEK)	<1	1,2,3-Trichloropropane	<0.05
1,2-Dichloroethane (EDC)	<0.002	2-Chlorotoluene	<0.05
1,1,1-Trichloroethane	<0.002	4-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	tert-Butylbenzene	<0.05
Carbon tetrachloride	<0.05 k	1,2,4-Trimethylbenzene	<0.05
Benzene	<0.001	sec-Butylbenzene	<0.05
Trichloroethene	<0.002	p-Isopropyltoluene	<0.05
1,2-Dichloropropane	<0.05	1,3-Dichlorobenzene	<0.05
Bromodichloromethane	<0.05	1,4-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,2-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<1	1,2-Dibromo-3-chloropropane	<0.5
cis-1,3-Dichloropropene	<0.05	1,2,4-Trichlorobenzene	<0.25
Toluene	<0.001	Hexachlorobutadiene	<0.25
trans-1,3-Dichloropropene	<0.05	Naphthalene	<0.01
1,1,2-Trichloroethane	<0.05	1,2,3-Trichlorobenzene	<0.25
2-Hexanone	<0.5		

Date of Report: 01/04/24
Date Received: 12/26/23
Project: ICOPS WA23-20621-PH2, F&BI 312434

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TPH AS GASOLINE USING METHOD NWTPH-Gx

Laboratory Code: 312246-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<5	<5	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	40	102	70-130

Date of Report: 01/04/24
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Project: ICOPS WA23-20621-PH2, F&BI 312434

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 312434-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	(Wet wt) Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	96	90	64-136	6

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	92	78-121

Date of Report: 01/04/24
Date Received: 12/26/23
Project: ICOPS WA23-20621-PH2, F&BI 312434

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TOTAL METALS USING EPA METHOD 6020B

Laboratory Code: 312431-01 x5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	mg/kg (ppm)	10	<5	129 vo	134 vo	75-125	4
Cadmium	mg/kg (ppm)	10	<5	112	113	75-125	1
Chromium	mg/kg (ppm)	50	10.8	116 b	120 b	75-125	3 b
Lead	mg/kg (ppm)	50	17.3	127 b	138 b	75-125	8 b
Mercury	mg/kg (ppm	5	<5	98	99	75-125	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	mg/kg (ppm)	10	105	80-120
Cadmium	mg/kg (ppm)	10	101	80-120
Chromium	mg/kg (ppm)	50	99	80-120
Lead	mg/kg (ppm)	50	97	80-120
Mercury	mg/kg (ppm)	5	96	80-120

Date of Report: 01/04/24
Date Received: 12/26/23
Project: ICOPS WA23-20621-PH2, F&BI 312434

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260D

Laboratory Code: 312434-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Dichlorodifluoromethane	mg/kg (ppm)	2	<0.5	41	51	10-142	22 vo
Chloromethane	mg/kg (ppm)	2	<0.5	67	73	10-126	9
Vinyl chloride	mg/kg (ppm)	2	<0.05	64	69	10-138	8
Bromomethane	mg/kg (ppm)	2	<0.5	85	86	10-163	1
Chloroethane	mg/kg (ppm)	2	<0.5	93	102	10-176	9
Trichlorofluoromethane	mg/kg (ppm)	2	<0.5	88	98	10-176	11
Acetone	mg/kg (ppm)	10	<5	108	97	10-163	11
1,1-Dichloroethene	mg/kg (ppm)	2	<0.05	75	78	10-160	4
Hexane	mg/kg (ppm)	2	<0.25	82	90	10-137	9
Methylene chloride	mg/kg (ppm)	2	<0.5	86	88	10-156	2
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	2	<0.05	86	87	21-145	1
trans-1,2-Dichloroethene	mg/kg (ppm)	2	<0.05	85	85	14-137	0
1,1-Dichloroethane	mg/kg (ppm)	2	<0.05	85	89	19-140	5
2,2-Dichloropropane	mg/kg (ppm)	2	<0.05	95	94	10-158	1
cis-1,2-Dichloroethene	mg/kg (ppm)	2	<0.05	83	87	25-135	5
Chloroform	mg/kg (ppm)	2	<0.05	85	87	21-145	2
2-Butanone (MEK)	mg/kg (ppm)	10	<1	110	109	19-147	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2	<0.05	91	92	12-160	1
1,1,1-Trichloroethane	mg/kg (ppm)	2	<0.05	86	91	10-156	6
1,1-Dichloropropene	mg/kg (ppm)	2	<0.05	86	90	17-140	5
Carbon tetrachloride	mg/kg (ppm)	2	<0.05	89	92	9-164	3
Benzene	mg/kg (ppm)	2	<0.03	85	87	29-129	2
Trichloroethene	mg/kg (ppm)	2	<0.02	90	94	21-139	4
1,2-Dichloropropane	mg/kg (ppm)	2	<0.05	89	89	30-135	0
Bromodichloromethane	mg/kg (ppm)	2	<0.05	77	81	23-155	5
Dibromomethane	mg/kg (ppm)	2	<0.05	84	84	23-145	0
4-Methyl-2-pentanone	mg/kg (ppm)	10	<1	86	90	24-155	5
cis-1,3-Dichloropropene	mg/kg (ppm)	2	<0.05	86	90	28-144	5
Toluene	mg/kg (ppm)	2	<0.05	79	82	35-130	4
trans-1,3-Dichloropropene	mg/kg (ppm)	2	<0.05	76	80	26-149	5
1,1,2-Trichloroethane	mg/kg (ppm)	2	<0.05	82	84	10-205	2
2-Hexanone	mg/kg (ppm)	10	<0.5	75	79	15-166	5
1,3-Dichloropropane	mg/kg (ppm)	2	<0.05	80	82	31-137	2
Tetrachloroethene	mg/kg (ppm)	2	<0.025	89	88	20-133	1
Dibromochloromethane	mg/kg (ppm)	2	<0.05	69	71	28-150	3
1,2-Dibromoethane (EDB)	mg/kg (ppm)	2	<0.05	78	81	28-142	4
Chlorobenzene	mg/kg (ppm)	2	<0.05	78	81	32-129	4
Ethylbenzene	mg/kg (ppm)	2	<0.05	78	80	32-137	3
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	2	<0.05	75	74	31-143	1
m,p-Xylene	mg/kg (ppm)	4	<0.1	80	83	34-136	4
o-Xylene	mg/kg (ppm)	2	<0.05	78	83	33-134	6
Styrene	mg/kg (ppm)	2	<0.05	80	82	35-137	2
Isopropylbenzene	mg/kg (ppm)	2	<0.05	80	84	31-142	5
Bromoform	mg/kg (ppm)	2	<0.05	65	68	21-156	5
n-Propylbenzene	mg/kg (ppm)	2	<0.05	76	82	23-146	8
Bromobenzene	mg/kg (ppm)	2	<0.05	84	87	34-130	4
1,3,5-Trimethylbenzene	mg/kg (ppm)	2	<0.05	76	81	18-149	6
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	2	<0.05	74	78	28-140	5
1,2,3-Trichloropropane	mg/kg (ppm)	2	<0.05	75	82	25-144	9
2-Chlorotoluene	mg/kg (ppm)	2	<0.05	77	80	31-134	4
4-Chlorotoluene	mg/kg (ppm)	2	<0.05	74	79	31-136	7
tert-Butylbenzene	mg/kg (ppm)	2	<0.05	80	85	30-137	6
1,2,4-Trimethylbenzene	mg/kg (ppm)	2	<0.05	75	80	10-182	6
sec-Butylbenzene	mg/kg (ppm)	2	<0.05	77	82	23-145	6
p-Isopropyltoluene	mg/kg (ppm)	2	<0.05	78	84	21-149	7
1,3-Dichlorobenzene	mg/kg (ppm)	2	<0.05	79	83	30-131	5
1,4-Dichlorobenzene	mg/kg (ppm)	2	<0.05	81	84	29-129	4
1,2-Dichlorobenzene	mg/kg (ppm)	2	<0.05	81	87	31-132	7
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	2	<0.5	70	78	11-161	11
1,2,4-Trichlorobenzene	mg/kg (ppm)	2	<0.25	89	95	22-142	7
Hexachlorobutadiene	mg/kg (ppm)	2	<0.25	92	98	10-142	6
Naphthalene	mg/kg (ppm)	2	<0.05	81	86	14-157	6
1,2,3-Trichlorobenzene	mg/kg (ppm)	2	<0.25	91	96	20-144	5

Date of Report: 01/04/24
Date Received: 12/26/23
Project: ICOPS WA23-20621-PH2, F&BI 312434

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260D

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Dichlorodifluoromethane	mg/kg (ppm)	2	73	10-146
Chloromethane	mg/kg (ppm)	2	90	27-133
Vinyl chloride	mg/kg (ppm)	2	83	22-139
Bromomethane	mg/kg (ppm)	2	117	10-201
Chloroethane	mg/kg (ppm)	2	120	10-163
Trichlorofluoromethane	mg/kg (ppm)	2	120	10-196
Acetone	mg/kg (ppm)	10	109	52-141
1,1-Dichloroethene	mg/kg (ppm)	2	93	47-128
Hexane	mg/kg (ppm)	2	113	43-142
Methylene chloride	mg/kg (ppm)	2	101	10-184
Methyl t-butyl ether (MTBE)	mg/kg (ppm)	2	100	60-123
trans-1,2-Dichloroethene	mg/kg (ppm)	2	101	64-132
1,1-Dichloroethane	mg/kg (ppm)	2	100	64-135
2,2-Dichloropropane	mg/kg (ppm)	2	108	52-170
cis-1,2-Dichloroethene	mg/kg (ppm)	2	97	64-135
Chloroform	mg/kg (ppm)	2	99	61-139
2-Butanone (MEK)	mg/kg (ppm)	10	104	30-197
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2	104	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2	104	62-131
1,1-Dichloropropene	mg/kg (ppm)	2	104	64-136
Carbon tetrachloride	mg/kg (ppm)	2	105	60-139
Benzene	mg/kg (ppm)	2	99	65-136
Trichloroethene	mg/kg (ppm)	2	106	63-139
1,2-Dichloropropane	mg/kg (ppm)	2	101	61-145
Bromodichloromethane	mg/kg (ppm)	2	92	57-126
Dibromomethane	mg/kg (ppm)	2	100	62-123
4-Methyl-2-pentanone	mg/kg (ppm)	10	101	45-145
cis-1,3-Dichloropropene	mg/kg (ppm)	2	101	65-143
Toluene	mg/kg (ppm)	2	93	66-126
trans-1,3-Dichloropropene	mg/kg (ppm)	2	91	65-131
1,1,2-Trichloroethane	mg/kg (ppm)	2	96	62-131
2-Hexanone	mg/kg (ppm)	10	91	33-152
1,3-Dichloropropane	mg/kg (ppm)	2	94	67-128
Tetrachloroethene	mg/kg (ppm)	2	99	68-128
Dibromochloromethane	mg/kg (ppm)	2	80	55-121
1,2-Dibromoethane (EDB)	mg/kg (ppm)	2	91	66-129
Chlorobenzene	mg/kg (ppm)	2	90	67-128
Ethylbenzene	mg/kg (ppm)	2	91	64-123
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	2	84	64-121
m,p-Xylene	mg/kg (ppm)	4	92	68-128
o-Xylene	mg/kg (ppm)	2	91	67-129
Styrene	mg/kg (ppm)	2	91	67-129
Isopropylbenzene	mg/kg (ppm)	2	93	68-128
Bromoform	mg/kg (ppm)	2	77	56-132
n-Propylbenzene	mg/kg (ppm)	2	88	68-129
Bromobenzene	mg/kg (ppm)	2	97	69-128
1,3,5-Trimethylbenzene	mg/kg (ppm)	2	89	69-129
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	2	85	56-143
1,2,3-Trichloropropane	mg/kg (ppm)	2	90	61-137
2-Chlorotoluene	mg/kg (ppm)	2	89	69-128
4-Chlorotoluene	mg/kg (ppm)	2	86	67-127
tert-Butylbenzene	mg/kg (ppm)	2	92	69-129
1,2,4-Trimethylbenzene	mg/kg (ppm)	2	88	69-128
sec-Butylbenzene	mg/kg (ppm)	2	90	69-130
p-Isopropyltoluene	mg/kg (ppm)	2	91	69-130
1,3-Dichlorobenzene	mg/kg (ppm)	2	92	69-127
1,4-Dichlorobenzene	mg/kg (ppm)	2	91	68-126
1,2-Dichlorobenzene	mg/kg (ppm)	2	97	69-127
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	2	84	58-138
1,2,4-Trichlorobenzene	mg/kg (ppm)	2	103	64-135
Hexachlorobutadiene	mg/kg (ppm)	2	113	50-153
Naphthalene	mg/kg (ppm)	2	95	62-128
1,2,3-Trichlorobenzene	mg/kg (ppm)	2	107	61-126

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria, biased low; or, the calibration results for the analyte were outside of acceptance criteria, biased high, with a detection for the analyte in the sample. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The analyte is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht – The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported below the standard reporting limit. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

k – The calibration results for the analyte were outside of acceptance criteria, biased high, and the analyte was not detected in the sample.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

312434

SAMPLE CHAIN OF CUSTODY

12/26/23 VS DI/MI

Page # 1 of 1

Report To John Bhend

Company Adapt

Address 617 8th Ave South

City, State, ZIP Seattle, WA 98104

Phone 206-654-7045 Email JohnBhend@AdaptNW.com

SAMPLERS (*signature*) John Bhend

PROJECT NAME: ICOPS

PO #: WA23-20621-PH2

REMARKS

Project specific RLs? - Yes / No

INVOICE TO

TURNAROUND TIME
- [x] Standard turnaround
- [ ] RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- [ ] Archive samples
- [ ] Other
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	MTCA Metals				Notes
						ANALYSES REQUESTED											
20621-B-01:0-1'	01A-C	12-26-23	1115	Soil	3	X	X			X			X				
								Samples received at						Ø	°C		

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: John Bhend	John Bhend	Adapt	12-26-23	1435
Received by:	NHUT TRUONG	F&BI	12/26/23	1435
Relinquished by:				
Received by:				

Friedman & Bruya, Inc.
Ph. (206) 285-8282

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Arina Podnozova, B.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

July 11, 2016

John Bhend, Project Manager
Adapt Engineering
615 8th Avenue South
Seattle, WA 98104

Dear Mr Bhend:

Included are the results from the testing of material submitted on June 30, 2016 from the Miller Properties, WA16-20621-PH2, F&BI 606579 project. There are 13 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
ADP0711R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on June 30, 2016 by Friedman & Bruya, Inc. from the Adapt Engineering Miller Properties, WA16-20621-PH2, F&BI 606579 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Adapt Engineering
606579 -01	SG-1
606579 -02	SG-2
606579 -03	SG-3
606579 -04	SG-4

The APH EC5-8 aliphatics result exceeded the calibration range of the instrument in sample SG-2. The data were flagged accordingly.

All other quality control requirements were acceptable.

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	SG-2	Client:	Adapt Engineering
Date Received:	06/30/16	Project:	Miller Properties, WA16-20621-PH2
Date Collected:	07/01/16	Lab ID:	606579-02 1/5
Date Analyzed:	07/03/16	Data File:	070309.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	MP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	101	70	130

Compounds:	Concentration ug/m3	ppbv
Vinyl chloride	<1.3	<0.5
Chloroethane	<1.3	<0.5
1,1-Dichloroethene	<2	<0.5
Methylene chloride	<440	<130
trans-1,2-Dichloroethene	<2	<0.5
1,1-Dichloroethane	<2	<0.5
cis-1,2-Dichloroethene	<2	<0.5
1,2-Dichloroethane (EDC)	<18	<0.5
1,1,1-Trichloroethane	<2.7	<0.5
Trichloroethene	<2.7	<0.5
Tetrachloroethene	5.1	0.74

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	SG-3	Client:	Adapt Engineering
Date Received:	06/30/16	Project:	Miller Properties, WA16-20621-PH2
Date Collected:	06/30/16	Lab ID:	606579-03
Date Analyzed:	07/05/16	Data File:	070509.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	MP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	99	70	130

Compounds:	Concentration ug/m3	ppbv
Vinyl chloride	<0.26	<0.1
Chloroethane	<0.26	<0.1
1,1-Dichloroethene	<0.4	<0.1
Methylene chloride	<87	<25
trans-1,2-Dichloroethene	<0.4	<0.1
1,1-Dichloroethane	<0.4	<0.1
cis-1,2-Dichloroethene	<0.4	<0.1
1,2-Dichloroethane (EDC)	<0.4	<0.1
1,1,1-Trichloroethane	2.0	0.37
Trichloroethene	<0.54	<0.1
Tetrachloroethene	2.0	0.30

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	SG-4	Client:	Adapt Engineering
Date Received:	06/30/16	Project:	Miller Properties, WA16-20621-PH2
Date Collected:	06/30/16	Lab ID:	606579-04
Date Analyzed:	07/05/16	Data File:	070510.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	MP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	98	70	130

Compounds:	Concentration ug/m3	ppbv
Vinyl chloride	<0.26	<0.1
Chloroethane	<0.26	<0.1
1,1-Dichloroethene	<0.4	<0.1
Methylene chloride	<87	<25
trans-1,2-Dichloroethene	<0.4	<0.1
1,1-Dichloroethane	<0.4	<0.1
cis-1,2-Dichloroethene	<0.4	<0.1
1,2-Dichloroethane (EDC)	<0.4	<0.1
1,1,1-Trichloroethane	0.98	0.18
Trichloroethene	<0.54	<0.1
Tetrachloroethene	2.2	0.32

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	Method Blank	Client:	Adapt Engineering
Date Received:	Not Applicable	Project:	Miller Properties, WA16-20621-PH2
Date Collected:	07/01/16	Lab ID:	06-1306 mb2
Date Analyzed:	07/03/16	Data File:	070307.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	MP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	101	70	130

Compounds:	Concentration ug/m3	ppbv
Vinyl chloride	<0.26	<0.1
Chloroethane	<0.26	<0.1
1,1-Dichloroethene	<0.4	<0.1
Methylene chloride	<87	<25
trans-1,2-Dichloroethene	<0.4	<0.1
1,1-Dichloroethane	<0.4	<0.1
cis-1,2-Dichloroethene	<0.4	<0.1
1,2-Dichloroethane (EDC)	<0.4	<0.1
1,1,1-Trichloroethane	<0.55	<0.1
Trichloroethene	<0.54	<0.1
Tetrachloroethene	<0.68	<0.1

Analysis For Volatile Compounds By Method MA-APH

Client Sample ID:	SG-1	Client:	Adapt Engineering
Date Received:	06/30/16	Project:	Miller Properties, WA16-20621-PH2
Date Collected:	06/30/16	Lab ID:	606579-01
Date Analyzed:	07/05/16	Data File:	070508.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	MP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	100	70	130

Compounds:	Concentration ug/m3
APH EC5-8 aliphatics	280
APH EC9-12 aliphatics	110
APH EC9-10 aromatics	<50

Analysis For Volatile Compounds By Method MA-APH

Client Sample ID:	SG-2	Client:	Adapt Engineering
Date Received:	06/30/16	Project:	Miller Properties, WA16-20621-PH2
Date Collected:	07/01/16	Lab ID:	606579-02 1/5
Date Analyzed:	07/03/16	Data File:	070309.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	MP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	102	70	130

Compounds:	Concentration ug/m3
APH EC5-8 aliphatics	22,000 ve
APH EC9-12 aliphatics	7,700
APH EC9-10 aromatics	260

Analysis For Volatile Compounds By Method MA-APH

Client Sample ID:	SG-3	Client:	Adapt Engineering
Date Received:	06/30/16	Project:	Miller Properties, WA16-20621-PH2
Date Collected:	06/30/16	Lab ID:	606579-03
Date Analyzed:	07/05/16	Data File:	070509.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	MP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	99	70	130

Compounds:	Concentration ug/m3
APH EC5-8 aliphatics	1,000
APH EC9-12 aliphatics	330
APH EC9-10 aromatics	<50

Analysis For Volatile Compounds By Method MA-APH

Client Sample ID:	SG-4	Client:	Adapt Engineering
Date Received:	06/30/16	Project:	Miller Properties, WA16-20621-PH2
Date Collected:	06/30/16	Lab ID:	606579-04
Date Analyzed:	07/05/16	Data File:	070510.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	MP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	98	70	130

Compounds:	Concentration ug/m3
APH EC5-8 aliphatics	84
APH EC9-12 aliphatics	<70
APH EC9-10 aromatics	<50

Analysis For Volatile Compounds By Method MA-APH

Client Sample ID:	Method Blank	Client:	Adapt Engineering
Date Received:	Not Applicable	Project:	Miller Properties, WA16-20621-PH2
Date Collected:	07/01/16	Lab ID:	06-1306 mb2
Date Analyzed:	07/03/16	Data File:	070307.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	MP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	101	70	130

Compounds:	Concentration ug/m3
APH EC5-8 aliphatics	<46
APH EC9-12 aliphatics	<70
APH EC9-10 aromatics	<50

Date of Report: 07/11/16
Date Received: 06/30/16
Project: Miller Properties, WA16-20621-PH2, F&BI 606579

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES FOR VOLATILES BY METHOD TO-15

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	ppbv	10	104	70-130
Chloroethane	ppbv	10	98	70-130
1,1-Dichloroethene	ppbv	10	103	70-130
trans-1,2-Dichloroethene	ppbv	10	105	70-130
Methylene chloride	ppbv	10	94	70-130
1,1-Dichloroethane	ppbv	10	104	70-130
cis-1,2-Dichloroethene	ppbv	10	104	70-130
1,2-Dichloroethane (EDC)	ppbv	10	104	70-130
1,1,1-Trichloroethane	ppbv	10	105	70-130
Trichloroethene	ppbv	10	105	70-130
Tetrachloroethene	ppbv	10	105	70-130

Date of Report: 07/11/16
Date Received: 06/30/16
Project: Miller Properties, WA16-20621-PH2, F&BI 606579

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES FOR VOLATILES BY METHOD APH

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
APH EC5-8 aliphatics	ug/m3	230	82	70-130
APH EC9-12 aliphatics	ug/m3	350	103	70-130
APH EC9-10 aromatics	ug/m3	251	107	70-130

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht – The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

606579

SAMPLE CHAIN OF CUSTODY

ME 06/30/16

Page # 1 of 1

Report To John Bhend

Company Adapt Engineering

Address 615 8th Ave South

City, State, ZIP Seattle, WA 98104

Phone 206-654-7045 Email JohnBhend@adaptengr.com

SAMPLERS (*signature*) John Bhend

PROJECT NAME: Miller Properties

PO #: WA16-20621-PH2

REMARKS

INVOICE TO

TURNAROUND TIME
- [x] Standard
- [ ] RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- [x] Dispose after 30 days
- [ ] Archive Samples
- [ ] Other

ANALYSIS REQUESTED

Sample Name	Lab ID	Canister ID	Flow Contr. ID	Date Sampled	Field Initial Press. (Hg)	Field Initial Time	Field Final Press. (Hg)	Field Final Time	TO-15 Full Scan	TO-15 BTEXN	TO-15 cVOCs	TO-15 APH	Notes
SG-1	01	20554	FB03	6-30-16	30	1243	8	1314				X	
SG-2	02	20541	FB17	↓	28.5	1423	8	1453			X	X	
SG-3	03	18562	FB01	↓	30	1523	8	1552			X	X	
SG-4	04	20545	FB31	↓	30	1630					X	X	

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: John Bhend	John Bhend	Adapt	6-30-16	1753
Received by: Jon Shimazu	Jon Shimazu	FB&I	"	"
Relinquished by:				
Received by:				

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

FORMS\COC\COCTO-15.DOC

Samples received at 20

Iron Mountain Quarry, LLC

22121 17th Ave SE STE 117
Bothell, WA 98021
425-481-0999

Ticket No.: **176475**

Date : 5/20/2024 Time: 1:09:50PM
Location : **Granite Falls Quarry**
Customer : 1069 CREDIT CARD NON TAXABLE
Order : 725 Langseth Environmental 7-19-2025
P.O. : 1123
Product : 508 CONTAMINATED CLASS 2 **11.26** Ton

	Pounds	Tons
Gross	50100	25.05
Tare	27580 *	13.79 *
Net	22520	11.26

* P. T.

ICOPS Lynnwood
15709 Hwy 99
Lynnwood Wa. 98498

Carrier : 241 SPRINGBROOK NURSERY
Vehicle : SBN12S Springbrook Nursery
Received : _____

COPY 1 CARRIER

Iron Mountain Quarry, LLC

22121 17th Ave SE STE 117
Bothell, WA 98021
425-481-0999

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* P. T.

ICOPS Lynnwood
15709 Hwy 99
Lynnwood Wa. 98498

Carrier : 241 SPRINGBROOK NURSERY
Vehicle : SBN12S Springbrook Nursery
Received : _____

COPY 2 CUSTOMER

Iron Mountain Quarry, LLC

22121 17th Ave SE STE 117
Bothell, WA 98021
425-481-0999

Ticket No.: **176483**

Date : 5/20/2024 Time: 1:31:49PM
Location : **Granite Falls Quarry**
Customer : 1069 CREDIT CARD NON TAXABLE
Order : 725 Langseth Environmental 7-19-2025
P.O. : 1123
Product : 11 3/4 MINUS CSTC **13.37** Ton

	Pounds	Tons
Gross	54320	27.16
Tare	27580 *	13.79 *
Net	26740	13.37

* P. T.

ICOPS Lynnwood
15709 Hwy 99
Lynnwood Wa. 98498

Carrier : 241 SPRINGBROOK NURSERY
Vehicle : SBN12S Springbrook Nursery
Received : _____

COPY 1 CARRIER

Iron Mountain Quarry, LLC

22121 17th Ave SE STE 117
Bothell, WA 98021
425-481-0999

Ticket No.: **176483**

Date : 5/20/2024 Time: 1:31:49PM
Location : **Granite Falls Quarry**
Customer : 1069 CREDIT CARD NON TAXABLE
Order : 725 Langseth Environmental 7-19-2025
P.O. : 1123
Product : 11 3/4 MINUS CSTC **13.37** Ton

	Pounds	Tons
Gross	54320	27.16
Tare	27580 *	13.79 *
Net	26740	13.37

* P. T.

ICOPS Lynnwood
15709 Hwy 99
Lynnwood Wa. 98498

Carrier : 241 SPRINGBROOK NURSERY
Vehicle : SBN12S Springbrook Nursery
Received : _____

COPY 2 CUSTOMER

INVOICE 148456

SPRINGBROOK NURSERY & TRUCKING

9022 84th N.E.
Arlington, WA 98223

Phone (360) 653-6545
FAX (360) 653-1933

RENTED BY: Langseth Environmental
DATE: 5-21-24
BILLING ADDRESS:
PHONE:

TRUCK NO.	START	STOP	LUNCH	TOTAL HOURS	SOLO	TRUCK & TRAILER
12	7:30 AM PM	8:30 AM PM				

	MATERIAL	FROM	TO	JOB NO.	SOLO (T) TRK & TRL (TT)	NO. LOADS	HOURS	TRK RATE
1	Conc Asph	SBN yard loadout	IMQ		T	1	1	
2								
3								
4								
5								

NOTICE

It is specifically agreed that this company shall not be in any way responsible for damage to customer's property, resulting in deliveries beyond curb line.
Signature on this will be considered your notice of our intent to lien this project if necessary.

Interest at 1-1/2% per month will be charged on all past due accounts.
Charges due by the tenth of the month following date of this billing.

Authorized Co. Rep. Signature _____

REMARKS

DRIVERS SIGNATURE

Iron Mountain Quarry, LLC

22121 17th Ave SE STE 117
Bothell, WA 98021
425-481-0999

Ticket No.: **176555**

Date : 5/21/2024 Time: 8:11:02AM
Location : **Granite Falls Quarry**
Customer : 1069 CREDIT CARD NON TAXABLE
Order : 725 LANGSETH ENVIROMENTAL 7-19-2025
P.O. : 1123
Product : 501 CONCRETE, BRICK, DEBRIS 2'· **1.00** Ton

	Pounds	Tons
Gross	29580 m	14.79m
Tare	27580 *	13.79 *
Net	2000 m	1.00 m

m Manual Weight, * P.T.

ICOPS Lynnwood
15709 Hwy 99
Lynnwood Wa. 98498

Carrier : 241 SPRINGBROOK NURSERY
Vehicle : SBN12S Springbrook Nursery
Received : _____

COPY 1 CARRIER