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Chevron Environmental Management Company

REMEDIAL INVESTIGATION PROGRESS REPORT

Former Texaco Service Station No. 211577

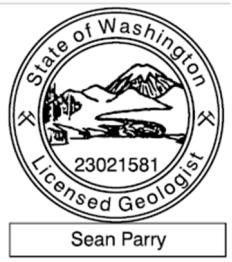
631 Queen Anne Avenue North

Seattle, Washington

FSID: 77774779

CSID: 6663

May 15, 2024



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No. 211577
631 Queen Anne Avenue North
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FSID: 77774779
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Prepared for:

Chevron Environmental Management Company

Prepared by:

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Our Ref.:
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Date:
May 15, 2024

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ACRONYMS AND ABBREVIATIONS

AO	Agreed Order
Arcadis	Arcadis U.S., Inc.
BTEX	Benzene, Toluene, Ethylbenzene, and Total Xylenes
CEMC	Chevron Environmental Management Company
COC	Constituent of concern
CSID	Cleanup Site Identification Number
CUL	Cleanup Level
DPE	Dual-Phase Extraction
DRO	Diesel Range Organics
DUP	Duplicate
Ecology	Washington State Department of Ecology
EDB	Ethylene dibromide
EDC	Ethylene dichloride
EIM	Environmental Information Management
FSID	Facility Site Identification Number
ft bgs	Feet below ground surface
ft btoc	Feet below top of casing
GRO	Gasoline Range Organics
HO	Heavy Oil Range Organics
IDW	investigation-derived waste
µg/L	micrograms per liter
mg/kg	milligrams per kilogram
MRL	Method Reporting Limit
MTBE	Methyl tertiary-butyl ether
MTCA	Model Toxics Control Act
MW	Monitoring Well
NWTPH-Dx	Northwest Total Petroleum Hydrocarbons Method – Diesel
NWTPH-Gx	Northwest Total Petroleum Hydrocarbons Method – Gasoline

Off-Property	Off-Property areas of the site, King County tax parcel IDs 387990-0490, 387990-0500, 387990-0435, 387990-0530, 387990-0540, and 387990-0640, Seattle, Washington
PAH	Polycyclic Aromatic Hydrocarbon
PCBs	Polychlorinated Biphenyls
PCE	Tetrachloroethene
PID	Photo-ionization Detector
Property	King County tax parcel ID 387990-0425, located at 631 Queen Anne Avenue North, Seattle, Washington
PVC	Polyvinyl Chloride
QA	quality assurance
QC	quality control
RI	remedial investigation
RI WP	Remedial Investigation Work Plan
ROW	Right-of-way
Roystone	Roystone on Queen Anne, LLC
RW	Recovery Well
site	Area surrounding 631 Queen Anne Avenue North, Seattle, Washington, including both the Property and Off-Property
TCE	Trichloroethene
TPH	Total Petroleum Hydrocarbons
USCS	Unified Soil Classification System
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
VCP	Voluntary Cleanup Program
VOC	Volatile Organic Compound
WAC	Washington Administrative Code

1 INTRODUCTION

On behalf of Chevron Environmental Management Company (CEMC), Arcadis U.S., Inc. (Arcadis) prepared this *Remedial Investigation Progress Report* (report) for off-property areas of the former Texaco Service Station No. 211577 (site) located at 631 Queen Anne Avenue North in Seattle, Washington. CEMC manages environmental matters on behalf of its affiliate, Texaco Inc. (Texaco). This site is managed by the Washington State Department of Ecology (Ecology) pursuant to Agreed Order (AO) No. DE 16537, effective August 21, 2019.

The site is formally known as Texaco 211577 Monterey in Ecology's database. The Identifiers are:

- Facility Site Identification Number (FSID): 77774779
- Cleanup Site Identification Number (CSID): 6663
- Agreed Order Number: 16537
- Address: area surrounding 631 Queen Anne Avenue North, Seattle, Washington 98109

Ecology's website for the site and documents available electronically can be accessed from this web page: https://apps.ecology.wa.gov/gsp/CleanupSiteDocuments.aspx?csid=6663. Data collected during investigations of the site are available in Ecology's Environmental Information Management (EIM) database under EIM identification number PMART005.

Under AO No. DE 16537, the Property is defined as King County tax parcel ID 387990-0425 (Ecology 2019). King County tax parcel IDs 387990-0490, 387990-0500, 387990-0435, 387990-0530, 387990-0540, and 387990-0640 are included as part of the site, as defined in the Ecology Site Hazard Assessment completed on May 7, 2019 (Ecology 2019c). A site plan is presented on Figure 1.

The Property was redeveloped in 2021-2022 with an eight-story mixed use apartment building, with two levels of underground parking. A total of approximately 16,745 tons of petroleum contaminated soil (PCS) was removed from the Property. Ecology issued a Completion of Interim Action letter, dated May 1, 2023, indicating that no additional interim action was needed on the Property.

In order to evaluate and further delineate off-Property contamination at the site, Arcadis submitted a *Remedial Investigation Work Plan* (work plan) (Arcadis 2022) which was approved by Ecology via e-mail on February 10, 2022 (Appendix A). The work plan included the installation of one soil vapor point, 11 additional monitoring wells at the site, and decommissioning of existing wells MW-3, MW-11, and MW-24 due to obstruction or damage.

Monitoring wells MW-3A, MW-11A, MW-36, MW-37, MW-38, MW-40, and MW-46 were installed and MW-3A, MW-11, and MW-24 were decommissioned from March 28 through April 4, 2023.

As a significant amount of time has passed since approval of the work plan and some work remains to be performed due to continuing access issues, the purpose of this report is to briefly summarize the results of the RI work (monitoring well installations, decommissioning, and groundwater monitoring event) conducted to date. Four additional monitoring wells (MW-41. MW-42, MW-43, and MW-47) and one soil vapor point (SVP-1) remain to be installed, since access had not been provided to those properties at the

time of this mobilization. An RI Report will be submitted following the completion of this remaining work and receipt of all analytical data.

1.1 Site and Surroundings Description

A detailed history of the site and surrounding properties, site regulatory history, and previous environmental investigations was presented in the work plan (Arcadis 2022).

The site general information is listed below:

- **Site Location and County:** 631 Queen Avenue North (Property) and vicinity, Seattle, King County, Washington
- **Site Parcel ID, Definition, Address, Current Use, Land Use:** See Table T1 below.

Table T1: Site Parcel Details and Land Use

Parcel ID	Definition	Address	Current Use and Existing Wells	Land Use
	Site, Property	631 Queen Anne Avenue North	Roystone, mixed use apartment building	Mixed Use – SM – UP (MI)
ROW 387990-0425	Site, Off-Property	Right of way (ROW) 631 Queen Anne Avenue North	Wells (3): SSI-W1, SSI-W2, MW-10	
387990-0490	Site, Off-Property	622 1st Avenue West; adjacent to Property to the southwest	Monterey Apartments: 0.29-acre multi-story apartment building. Wells (11): DPE-2, DPE-3, DPE-4, DPE-9, MW-4, MW-5/VP-5, MW-7/VP-8, MW-18, RW-3, VP-2, VP-4.	Mixed Use – SM – UP (MI)
387990-0500	Site, Off-Property	25 West Roy Street; adjacent to Property to the west	Del Roy Apartments: 0.26-acre residential building including paved courtyard Well (1): MW-22/DPE-8. Former well (1): MW-24	Mixed Use – SM – UP (MI)
ROW 387990-0500	Site, Off-Property	ROW 25 West Roy Street; adjacent to Property to the west	Wells (2): MW-25, MW-14.	Mixed Use – SM – UP (MI)
387990-0540	Site, Off-Property	100 West Mercer Street; one block to the southwest	Bank of America: 0.59-acre commercial banking facility including aboveground parking lot Wells (2): MW-21, PESMW-1	Mixed Use – SM – UP (MI)
387990-0640	Site, Off-Property	100 West Roy Street; one block to the west	U-Park: 2.84-acre at-grade parking lot. Wells (5): MW-32, MW-33, MW-35, OTBMW-1, OTBMW-2. Vapor points (2): NV-1, NV-2.	Mixed Use – SM – UP (MI)

Parcel ID	Definition	Address	Current Use and Existing Wells	Land Use
387990-0640	Site, Off-Property, ROW	100 West Roy Street; one block to the west	Wells (2): MW-16, MW-26	Mixed Use – SM – UP (MI)
387990-0435	Site, Off-Property	617 Queen Anne Avenue North; adjacent to Property to the south	Bungalows Apartments (formerly Lindberg Apartments): 0.37-acre developed residential building including retail on the ground floor Former Well (1): MW-23 Temporary vapor points (2): SG05, 6	Mixed Use – SM – UP (MI)
ROW 387990-0435	Site, Off-Property	ROW 617 Queen Anne Avenue North; adjacent to Property to the south	Former well (1): MW-12	Mixed Use – SM – UP (MI)
387990-0530	Site, Off-Property	621 1st Avenue West; one block to the west-southwest	Queen Anne Arms Apartments: 0.29-acre residential building Well (1): QAAMW-1	Mixed Use – SM – UP (MI)
ROW 387990-0530	Site, Off-Property	ROW 621 1st Avenue West; one block to the west-southwest	Well (1): MW-17	Mixed Use – SM – UP (MI)
ROW 387990-0485	Off site	ROW 612 1st Avenue West; south-southwest	Alvena Vista Apartments: 0.15-acre residential building Well (1): MW-15	Mixed Use – SM – UP (MI)
ROW 387990-0590	Off site	ROW 119 West Roy Street; one block to the west of Property	Chandler Hall Apartments: 0.44-acre residential building including paved courtyard Well (1): MW-34	Mixed Use – SM – UP (MI)
ROW 387990-0580	Off site	ROW 610 2nd Avenue West; one block to the west-southwest	Uptown Studios Apartments: 0.29-acre residential building Well (1): MW-30	Mixed Use – SM – UP (MI)
387990-0570	Off site	118 West Mercer Street; one block to the southwest	Vacant, former restaurant building Well (1): PESMW-2	Mixed Use – SM – UP (MI)
ROW 387990-0570	Off site	ROW 118 West Mercer Street; one block to the southwest	Well (1): MW-31	Mixed Use – SM – UP (MI)
ROW 387990-0465	Off site	ROW 18 West Mercer Street	18 Mercer Street Building: 0.29-acre commercial office building Well (1): MP-2 Former well (1): MW-11	Mixed Use – SM – UP (MI)
ROW 388040-0050	Off site	ROW 14 West Roy Street; Northwest	Shah Safari: 0.28-acre commercial warehouse for Shah Safari clothing Well (1): MW-20	Mixed Use – SM – UP (MI)

Parcel ID	Definition	Address	Current Use and Existing Wells	Land Use
ROW 179253-0000	Off site	ROW 275 West Roy Street	Courtyard at Queen Anne Square condominiums: 0.90-acre residential building including paved courtyard Well (1): MW-27	Mixed Use – SM – UP (MI)
ROW 701535-0000	Off site	ROW 200 West Mercer Street; two blocks to the southwest	Queen Anne Square condominiums and offices: 1.1-acres commercial office building for Queen Anne Square condominiums and other commercial businesses Wells (2): MW-28, MW-29	Mixed Use – SM – UP (MI)

The land use of a parcel is defined by the City of Seattle zoning map.

2 CLEANUP STANDARDS

The MTCA Method A Cleanup Levels (CULs) are considered the CULs for the site. The preliminary COCs for the site include GRO, DRO, HO, BTEX compounds, lead, arsenic, and naphthalenes. MTCA Method A CULs for the site COCs are presented in Table T2 below.

Table T2. MTCA Method A CULs for Site COCs for Soil and Groundwater

COC	MTCA CUL Groundwater (µg/L)	MTCA CUL Soil (mg/kg)
GRO[1]	800/1,000	30/100
DRO	500	2,000
HO	500	2,000
Benzene	5	0.03
Toluene	1,000	7
Ethylbenzene	700	6
Total Xylenes	1,000	9
Lead	15 (dissolved lead)	250
Arsenic	5 (dissolved arsenic)	20
Napthalenes[2]	160	5

[1]For GRO, MTCA CULs depend on the presence of benzene: with benzene present (800 micrograms per liter [µg/L] and 30 milligrams per kilogram [mg/kg]) and without (1,000 µg/L and 100 mg/kg).

[2]Naphthalenes calculated by summing the concentrations of 1-methylnaphthalene, 2-methylnaphthalene, and naphthalene. If one or more constituents were reported as non-detect, half of the reporting limit was used in calculations.

MTCA CULs for chlorinated volatile organic compounds (CVOCs) in groundwater are presented in Table T3 below. However, per AO No. DE 16537, based on the direction of groundwater flow to the southwest, these contaminants are suspected to be from an upgradient source – likely a former dry cleaner facility located northeast of the Property.

Table T3. MTCA CULs for CVOCs in Groundwater

COC	MTCA CUL[1] (µg/L)
PCE	5
TCE	5
Vinyl Chloride	0.2
Cis-1,2-DCE	16
Trans-1.2-DCE	160

[1] Method A CULs are provided for PCE, TCE, and vinyl chloride. No MTCA Method A Cleanup Level has been established for cis-1,2-DCE and trans-1,2-DCE; therefore, the MTCA Method B Non-Carcinogenic Standard Formula Value is listed for reference.

3 MONITORING WELL INSTALLATION

The installation of seven monitoring wells and decommissioning of three monitoring wells was performed from March 28 through April 4, 2023.

3.1 Utility Locate

At least 48 hours prior to conducting subsurface activities, Washington 811 was notified to mark known public utilities within the work areas. In addition, a private utility locating company conducted a utility scan, including the use of ground-penetrating radar, to confirm that the proposed boring locations were clear of underground utilities or other features.

3.2 Drilling and Soil Sampling

Well borings MW-3A, MW-11A, MW-36, MW-37, MW-38, MW-40, and MW-46 were first pre-cleared for any utilities by air knife, vacuum truck, and/or hand auger to a minimum depth of 5 feet bgs (ft bgs). After preclearance, the boreholes were advanced using hollow stem auger drilling methods to a target depth of approximately 20 ft bgs.

During preclearance, soil samples were collected by hand auger at approximately 2.5 ft bgs for lithologic logging and screened for VOCs using a PID. Following pre-clearance, soil samples were collected for laboratory analysis at approximate 5-foot intervals to the total depth of the borings. Soil cuttings were stored in Department of Transportation-approved 55-gallon drums. Soil boring logs are included in Appendix B.

3.2.1 Soil Sample Analysis

Soil samples were placed in an ice-chilled cooler and sent to Pace Analytical of Mt. Juliet, Tennessee (Pace), an Ecology-accredited laboratory, under chain-of-custody protocol. Samples were submitted for the following analyses:

- Lead and arsenic by USEPA Method 6020B
- GRO analyzed by Ecology Northwest Method NWTPH-Gx

- DRO and HO analyzed by Ecology Northwest Method NWTPH-Dx No SGT
- BTEX by USEPA Method 8260D

Additionally, soil samples from the boring located closest to the former waste oil UST (MW-37) were analyzed for polychlorinated biphenyls (PCBs) by EPA Method 8082. The soil samples collected from borings on the Del Roy and Monterey Apartments, (MW-3A, MW-36, MW-37, MW-38, MW-40, and MW-46) were also analyzed for naphthalene by USEPA Method 8260D.

3.3 Monitoring Well Installation

The borings were converted to monitoring wells installed in accordance with the WAC by Cascade Drilling, a licensed Washington driller. Monitoring wells MW-3A, MW-11A, MW-36, MW-37, MW-38, and MW-46 were installed to a depth of 20 ft bgs. MW-40 was installed to a depth of 25 ft bgs. This depth was based on the depth of groundwater encountered in the boreholes, which ranged from approximately 10 to 15 ft bgs. Monitoring wells MW-3, MW-11, and MW-24 were decommissioned in accordance with WAC 173-160-460 per the work plan, due to obstructions/damage.

Wells MW-3A, MW-11A, MW-36, MW-37, MW-38, and MW-46 were constructed of 15 feet of 2-inch-diameter Schedule 40 polyvinyl chloride (PVC) 0.010-inch slotted screen between depths of approximately 5 and 20 ft bgs; MW-40 was constructed of 10 feet of screen between approximately 5 and 15 ft bgs. Blank PVC casing was installed from the top of the screen to near surface grade. Sand filter pack was placed in the annular space of the borehole from the bottom of the boring to approximately 1 or 2 feet above the top of the well screen, followed by a transition seal consisting of hydrated bentonite chips to approximately 1 ft bgs. The remaining open borehole annulus was sealed with concrete to near ground surface.

The wellheads were completed at the ground surface with a locking well cap and traffic-rated bolt-down well vault. The vaults were installed slightly above the surrounding surface grade and finished with a concrete apron to provide positive relief away from the wellhead.

New monitoring wells were developed by Blaine Tech Services, September 19 through 21, 2023 at least 48 hours prior to the September 2023 groundwater monitoring event. Well development included surging the screen interval and purging fine-grained material out of the well. Well development data sheets are included in Appendix B.

3.3.1 Groundwater Sampling and Analysis

Groundwater samples were collected from the existing and newly installed monitoring wells MW-3A, MW-11A, MW-36, MW-37, MW-38, MW-40, and MW-46 on September 25 through 29, 2023. Groundwater sampling was performed by Blaine Tech Services using low-flow purge methods.

During purging, water quality parameters (dissolved oxygen, oxidation-reduction potential, pH, conductivity, and temperature) were monitored. Groundwater elevation and sampling times were recorded. Samples were labeled, handled, and shipped using standard chain of custody procedures. Samples were submitted to Pace for the following analyses:

- GRO by Northwest Method NWTPH-Gx

- DRO and HO by Ecology Northwest Method NWTPH-Dx
- BTEX by USEPA Method 8260
- Total and Dissolved Lead by USEPA Method 200.8
- Total and Dissolved Arsenic by USEPA Method 200.8
- Naphthalene, 1-methylnaphthalene, and 2-methylnaphthalene by USEPA Method 8260

Additionally, PCBs were analyzed by EPA Method 8082 in the three groundwater monitoring wells located downgradient of the former waste oil UST and hydraulic hoists (MW-23, MW-37, and MW-38).

In accordance with the Ecology letter dated March 19, 2021, groundwater samples collected during this event were also analyzed for the following constituents by USEPA Method 8260:

- PCE
- TCE
- cis-1,2-DCE
- Vinyl chloride
- 1,3,5-trimethylbenzene
- 1,2,4-trimethylbenzene
- Trans-1.2-dichloroethylene

3.4 Quality Assurance and Quality Control

The following quality assurance (QA) and QC samples were collected during the event.

One duplicate sample per 10 field samples.

One matrix spike/matrix spike duplicate per 20 field samples.

One rinsate blank sample per day for decontaminated, non-dedicated sampling equipment, as needed.

One trip blank per cooler containing samples.

Analytical results of QA and QC samples indicate that the data is reliable.

3.5 Management of Investigation-Derived Waste

Soil cuttings and equipment rinse water generated during investigation activities were contained in Department of Transportation-approved 55-gallon steel drums. The investigation-derived waste (IDW) was labeled and temporarily stored on-site pending disposal. Four drums were disposed of by Clean Harbors Inc on April 20, 2023. The waste manifest is included in Appendix C. Purged groundwater generated during subsequent September 2023 well development and groundwater monitoring event was collected by Blaine Tech for bulking at their yard and subsequent offsite disposal.

3.6 Deviations from Approved Work Plan

Deviations from the work plan based on field conditions encountered during the investigation are as follows:

- A pipe was encountered at 5 ft bgs while attempting to install a replacement well for VP-2. Based on the location of the pipe, and the limited access between the Del Roy and Monterey Apartments, a replacement for VP-2 was unable to be installed, and over-drilling to abandon the existing VP-2 was unable to be performed. VP-2 was not obstructed, but at 15 ft deep, was frequently determined to have not enough water to sample. Ecology agreed to preserve VP-2 for potential future sampling.
- A side sewer pipe was encountered at approximately 5 ft bgs in the boring for MW-11A. Thus, MW-11A was moved slightly to the north of the proposed location.
- MW-45 was not able to be installed on the south side of W Roy Street due to utility conflicts. A feasible location was found on the north side of W Roy Street; however, due to delays in the approval process of the updated ROW permit and traffic control plan, installation of MW-45 was not able to be completed during the March 2023 mobilization. Arcadis noted the presence of two existing wells (MW-342 and MW-343) in the sidewalk on the north side of W Roy Street (south of the 100 W Olympic Place property) and was granted permission to sample those wells by the property owner.
- MW-38 was not able to be installed in the narrow space between the Del Roy and Roystone buildings due to underground utility conflicts; therefore, MW-38 was moved slightly east to the alley between the Del Roy and Monterey buildings.
- Monitoring well MW-12 was unable to be located and was likely damaged/paved over during construction. MW-12 was located on the west side of Queen Anne Avenue N. Since there is a gas line located in this area, as well as overhead power lines, it was not feasible to install a new well in this location. Ecology agreed that existing monitoring wells associated with another site to the northeast (Unocal 306566) could serve as upgradient wells with respect to the subject site. Unocal monitoring wells MW-7U, MW-8U, MW-10U, and MW-11U were sampled during the September 2023 groundwater monitoring event.
- At the time of this monitoring well installation, access to the following properties had not been obtained and therefore MW-47, MW-41, and MW-39 were unable to be installed, as proposed in the work plan:
    - Bank of America – 100 West Mercer Street
    - Toulouse Petit Kitchen & Lounge - 601 Queen Anne Avenue North
    - Chandler Hall Apartments - 119 W Roy Street

4 SOIL ANALYTICAL RESULTS

Soil encountered in each boring generally consisted of 10 to 15 feet of sand, underlain by sand and silt to the total depths explored.

Soil analytical results for samples collected from MW-3A, MW-11A, MW-36, MW-40, and MW-46 were either non-detect or were below MTCA Method A CULs.

GRO was detected above the MTCA Method A CUL in MW-37 and MW-38. In MW-37, GRO was detected at 15 ft bgs at a concentration of 1,900 mg/kg. In MW-38, GRO was detected at 15 and 20 ft bgs at concentrations of 85.3 and 46.6 mg/kg, respectively.

Total xylenes and naphthalene were detected above the MTCA Method A CULs at 15 ft bgs in MW-37, at concentrations of 19.5 mg/kg and 17.4 mg/kg, respectively.

Soil analytical results are presented in Table 1 and locations with soil samples above MTCA Method A CULs are shown on Figure 2.

5 GROUNDWATER ANALYTICAL RESULTS

Groundwater was encountered at depths ranging from 8.29 feet below top of casing (TOC) in MW-20 to 29.80 feet below TOC in MW-27. Groundwater elevations ranged from 98.73 feet NAVD 88 in MW-29 to 137.14 feet NAVD 88 in SSI-W1. The groundwater flow direction was observed to be to the west-southwest, which is consistent with the overall historical direction. A groundwater elevation map is presented on Figure 3, and groundwater analytical results are presented on Figures 4 through 7. Groundwater analytical results are presented in Tables 2 and 3.

5.1 Site Groundwater Analytical Results

DRO was detected above the MTCA Method A CUL in in MW-33 (565 µg/L), MW-37 (890 µg/L), MW-38 (1,020 µg/L), MW-3A (711 µg/L) and RW-3 (656 µg/L) with no silica gel. However, results using silica gel cleanup were below the MTCA Method A CUL.

HO was detected above the MTCA Method A CUL in MW-25 (1,660 µg/L), MW-46 (561 µg/L), and PESMW-1 (761 µg/L) with no silica gel cleanup. However, results analyzed using silica gel cleanup were below the MTCA Method A CUL in MW-46 and PESMW-1.

Benzene was detected above the MTCA Method A CUL in MW-21 (21.4 µg/L), MW-38 (17.6 µg/L) and RW-3 (5.44 µg/L).

Arsenic was detected above the MTCA Method A CUL in DPE-4, DPE-9, MW-4, MW-14, MW-17, MW-18, MW-22, MW-27, MW-29, MW-30, MW-33, MW-34, MW-35, MW-37, MW-38, OTBMW-2, PESMW-1, RW-3, SS1W1, MW-3A, and MW-11A at concentrations ranging from 5.42 µg/L to 55.6 µg/L. Lead was detected above the MTCA Method A CUL in DPE-3, MW-4, and MW-25 at concentrations ranging from 17.7 µg/L to 83 µg/L.

5.2 Unocal Well Groundwater Analytical Results

GRO and DRO in upgradient Unocal wells MW-7U, MW-8U, and MW-11U exceeded the MTCA Method A CULs, with concentrations of GRO ranging from 819 µg/L to 2,050 µg/L and concentrations of DRO ranging from 503 µg/L to 1,680 µg/L. GRO and HO also exceeded the MTCA Method A CUL in MW-10U (4,220 µg/L and 508 µg/L, respectively). Benzene exceeded the MTCA Method A CUL in MW-7U (12.4 µg/L).

Arsenic was detected above the MTCA Method A CUL in MW-7U (19.7 µg/L) and MW-10U (16.5 µg/L).

5.3 MW-342 and MW-343 Analytical Results

Concentrations of COCs in the two groundwater monitoring wells located on the north side of W Roy Street, MW-342 and MW-343 were either non-detect or below MTCA Method A CULs.

5.4 Chlorinated Solvent Analytical Results

At Ecology's request, groundwater was also analyzed for select CVOCs, which have historically been encountered in groundwater at this site but have not been associated with the former gas station operations.

PCE, TCE, and cis-1,2-DCE exceeded MTCA Method A CULs in MW-7, MW-18, MW-21, MW-46, and QAAMW-1. Vinyl chloride in MW-21 and MW-46 also exceeded the MTCA Method A CUL. Chlorinated solvents were either non-detect or below MTCA Method A CULs in the upgradient Unocal wells sampled.

6 CONCLUSIONS AND RECOMMENDATIONS

Based on soil analytical results, GRO exceeded MTCA Method A CULs in MW-37 and MW-38 at depths of 15 and/or 20 feet bgs. MW-37 is located along the western edge of the Property, and MW-38 is located slightly southwest of the Property. Since GRO was not detected in groundwater above the MTCA Method A CUL in any of the monitoring wells, the soil concentrations are initially considered protective of groundwater.

Groundwater results indicated exceedances of DRO in MW-37 and MW-38, directly adjacent to the former gas station. DRO and HO exceedances were also located near the Del Roy and Monterey Apartments. As described in the work plan, historical records indicate that heating oil USTs were located on the Del Roy Apartments property, Monterey Apartments property, Bungalow Apartments property, and Queen Anne Apartments property. Heating oil USTs may remain in place and may be a secondary source of contamination.

Concentrations only slightly exceeded MTCA Method A CULs in MW-33 for DRO and in PESMW-1 for HO; since no exceedances were detected in monitoring wells located along 1st Avenue West (MW-15, MW-17, MW-32, MW-16) and upgradient of MW-33 and PESMW-1, these exceedances do not appear to be connected to the exceedances observed on the Monterey and Del Roy Apartment properties.

Based on the lack of CVOC exceedances in upgradient Unocal wells, the former dry cleaner located at 14 Roy Street, approximately 350 feet east of 631 Queen Anne Avenue N, may not be the source of CVOC exceedances in MW-7, MW-18, MW-21, MW-46, and QAAMW-1; however, at least three other historical dry cleaners were located within 200 feet of 631 Queen Anne Avenue N. The potential source of the CVOCs needs to be further evaluated.

Based on the groundwater flow direction to the west-southwest and the analytical data, the extent of petroleum impacts appears to be adequately delineated to the north, southwest, and west. Pending access agreements, Arcadis will install the remaining three planned additional wells to complete the groundwater monitoring network as described in the work plan, as well as the planned soil vapor probe.

Arcadis recommends continued quarterly monitoring to further evaluate groundwater conditions at the site.

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7 REFERENCES

Arcadis. 2020. Off-Property Survey and Groundwater Monitoring Work Plan, Texaco 211577 Monterey, 631 Queen Anne Avenue North, Seattle WA. January 27.

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Ecology. 2019c. Site Hazard Assessment: Facility Site ID #77774779. May 7.

Ecology. 2019d. Agreed Order Fact Sheet, Texaco 211577 Monterey Cleanup Site. June.

Ecology. 2019e. Agreed Order No. 16537. August 21.

Ecology. 2020. Re: Comments to Draft Off-Property Survey and Groundwater Monitoring Work Plan. Site Name: Texaco 211577 Monterey. February 13.

TABLES

Table 1
Soil Analytical Data
Former Texaco Service Station No. 211577
631 Queen Anne Avenue North, Seattle, WA 98109
All concentrations are in milligrams per kilograms (mg/kg)

Location ID	Alternate ID	Depth	Date	Location	GRO	DRO	HO	DRO + HO	Benzene [1]	Benzene [2]	Toluene [1]	Toluene 2	Ethylbenzene [1]	Ethylbenzene [2]	Total Xylenes [1]	Total Xylenes [2]	MTBE	EDB	EDC	Naphthalene	Total Lead [4]
MTCA Method A Soil Cleanup Levels					**30/100**	**2,000**	**2,000**	**2,000**	**0.03**	**0.03**	**7.0**	**7.0**	**6.0**	**6.0**	**9.0**	**9.0**	**0.1**	**0.005**	**--**	**5**	**250**
DVP-1	DVP-1	1.0	09/12/02	Monterey Apartments	**1,640**	333	--	333.0	**0.554**	**<0.200**	**--**	2.42	**13.3**	**50.6**	**49.7**	**211**	<0.00200	**<0.0100**	<0.200	**23.0**	6.00
DVP-1	DVP-1 Duplicate	1.0 - DUP1	09/12/02	Monterey Apartments	**--**	**--**	**--**	--	**--**	**<2.00**	**--**	<2.00	**--**	**41.3**	**--**	**229**	<0.0200	**<1.00**	<2.00	**16.7**	**--**
DVP-1	DVP-1 Duplicate	1.0 - DUP2	09/12/02	Monterey Apartments	**--**	**--**	**--**	--	**--**	**<10.0**	**--**	**<10**	**--**	**58.0**	**--**	**330**	<0.100	**<0.500**	<10.0	**26.8**	**--**
DVP-1	DVP-1	6.0	09/12/02	Monterey Apartments	**4,600**	1,360	31.8	1391.8	**7.72**	**--**	**84.6**	**--**	**41.9**	**--**	**175**	**--**	--	--		--	--
DVP-2	DVP-2	1.0	09/12/02	Monterey Apartments	<5.0	<10	<25.0	17.5	<0.030	<0.00150	<0.500	0.00176	<0.500	<0.004	<0.100	<0.1	<0.00100	<0.00500	<0.00125	<0.005	2.91
DVP-2	DVP-2	6.0	09/12/02	Monterey Apartments	**8,850**	**2,030**	52.4	**2,082**	**14.0**	**--**	**157**	**--**	**112**	**--**	**523**	**--**	**--**	**--**			5.04
DVP-4 [7]	DVP-2 Duplicate	6.0	09/12/02	Monterey Apartments	**5,860**	**2,170**	65.0	**2,235**	**10.7**	**--**	**101**	**--**	**75.4**	**--**	**370**	**--**	**--**	**--**			4.35
DP-1	DP-1	16.0	09/18/02	Property--excavated 2020	<5.0	<10	<25.0	17.5	<0.300	0.00336	<0.0500	<0.005	0.0568	<0.004	0.121	<0.01	<0.00100	<0.00500	<0.00200	<0.005	1.92
DP-2	DP-2	14.0	09/18/02	Property--excavated 2020	<5.0	<10	<25.0	17.5	**0.0571**	**<0.1**	<0.0500	<0.1	<0.500	<0.1	<0.100	<0.01	<0.00100	<0.00500	<0.100	<0.1	2.39
DP-2	DP-2	20.0	09/18/02	Property--excavated 2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.85
DP-3	DP-3	12.0	09/20/02	Property--excavated 2020	**1,140**	1,060	<25.0	1072.5	**2.39**	**<0.1**	2.01	<0.1	**10.3**	<0.1	**20.3**	0.193	<0.00100	<0.00500	<0.100	<0.1	4.15
DP-4	DP-4	18.0	09/20/02	Property--excavated 2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3.36
DP-4	DP-4	20.0	09/20/02	Property--excavated 2020	90.9	18.4	<25.0	30.9	**0.131**	**<0.1**	0.248	<0.1	0.851	0.233	3.34	1.17	<0.00100	<0.00500	<0.100	0.421	1.78
DP-5	DP-5	14.0	09/20/02	Property--excavated 2020	**8,160**	1,200	<25.0	1212.5	**17.4**	**5.35**	**98.2**	**59.5**	**97.2**	**32.3**	**569**	**137**	<0.00100	<0.00500	<0.100	**13.4**	3.53
DP-5	DP-5	14 - DUP	09/20/02	Property--excavated 2020	--	--	--	--	--	**5.23**	--	**69.1**	--	**34.6**	--	**214**	**<0.400**	**<0.200**	<4.00	**13.7**	--
DP-6	DP-6	14.0	09/20/02	Property--excavated 2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5.13
DP-6	DP-6	22.0	09/20/02	Property--excavated 2020	**7,750**	88.7	<25.0	101.2	**33**	**52.2**	**242**	**423**	**83.7**	**112**	**369**	**568**	<0.0100	<0.0500	<1.00	**40.2**	4.74
DP-6	DP-6	22.0 - DUP	09/20/02	Property--excavated 2020	--	--	--	--	--	**51.8**	--	**448**	--	**110**	--	**629**	**<0.200**	**<1.00**	<20.0	**42.7**	--
DP-7	DP-7	10.0	09/20/02	Property--excavated 2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5.40
DP-7	DP-7	20.0	09/20/02	Property--excavated 2020	**329**	788	<25.0	800.5	**0.844**	**1.39**	4.25	**9.49**	2.61	4.83	**10.3**	**26.8**	<0.00100	<0.00500	<0.100	2.81	9.48
DP-7	DP-7	20.0 - DUP	09/20/02	Property--excavated 2020	--	--	--	--	--	**<2.00**	--	**8.67**	--	4.77	--	**27.9**	<0.020	**<0.100**	<2.00	2.88	--
MW-12	DB-1	16.0	09/26/02	Bungalows Apartments	<5.00	<10	<25.0	17.5	<0.030	--	<0.050	--	<0.050	--	<0.100	--	--	--	--	--	--
MW-13	DB-2	14.0	09/24/02	Property--excavated 2020	<5.00	<10	<25.0	17.5	<0.030	<0.0015	<0.050	<0.0015	<0.050	<0.004	<0.100	<0.01	--	--	--	<0.005	2.61
MW-13	DB-2	16.5	09/24/02	Property--excavated 2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		2.56
DB-3	DB-3	11.0	09/26/02	Property--excavated 2020	8.30	10.5	<25.0	23.0	<0.030	<0.0015	<0.050	<0.0015	0.0602	<0.004	0.176	<0.01	--	--	--	<0.005	6.89
DB-3	DB-3	31.5	09/26/02	Property--excavated 2020	5.74	<10	<25.0	17.5	**0.0544**	--	0.309	--	0.16	--	0.840	--	--	--	--		6.46
DB-4	DB-4	9.0	09/25/02	Bungalows Apartments	**1,740**	802	<125	864.5	<0.300	<0.5	2.56	<0.5	**10.2**	1.09	**20.4**	--	--	--	--	1.70	--
DB-4	DB-4	11.5	09/25/02	Bungalows Apartments	**728**	100	<25.0	112.5	<0.300	--	1.31	--	**11.0**	--	**56.3**	--	--	--	--	--	3.78
DB-4	DB-4	21.5	09/25/02	Bungalows Apartments	<5.00	42.6	<25.0	55.1	**0.820**	--	0.0674	--	<0.500	--	<0.100	--	--	--	--	--	2.00
DB-5	DB-5	13.0	09/23/02	Monterey Apartments	**10,200**	**3,060**	<500	**3,310**	**23.0**	**29.2**	**145**	**339**	**105**	**180**	**445**	**1,050**	--	--	--	**66.0**	8.72
DB-5	DB-5	24.0	09/23/02	Monterey Apartments	<5.00	<10	<25.0	17.5	<0.030	--	<0.0500	--	<0.0500	--	<0.100	--	--	--	--	--	1.29
MW-14	DB-6	16.5	09/25/02	Del Roy Apartments	<5.00	<10	<25.0	17.5	<0.030	0.0171	<0.0500	0.0266	0.0516	0.0129	0.216	0.118	--	--	--	0.0431	2.44
MW-14	DB-6	26.5	09/25/02	Del Roy Apartments	<5.00	<10	<25.0	17.5	<0.030	--	<0.0500	--	<0.0500	--	<0.100	--	--	--	--	--	3.32
DB-7	DB-7	11.5	09/24/02	Monterey Apartments	<5.00	<10	<25.0	17.5	<0.030	<0.0015	<0.0500	<0.0015	<0.0500	<0.004	<0.100	<0.1	--	--	--	<0.005	2.04
DB-7	DB-7	33.5	09/24/02	Monterey Apartments	<5.00	<10	<25.0	17.5	**0.117**	--	<0.0500	--	<0.0500	--	<0.100	--	--	--	--	--	10.5
MW-15	DB-8	16.5	09/25/02	Alvena Vista Apartments	<5.00	<10	<25.0	17.5	<0.030	<0.0015	<0.0500	<0.0015	<0.0500	<0.005	<0.100	<0.1	--	--	--	<0.005	1.62
MW-16	DB-9	16.0	09/24/02	U-Park Lot	<5.00	<10	<25.0	17.5	<0.030	--	<0.0500	--	<0.0500	--	<0.100	--	--	--	--	--	1.82
MW-17	DB-10	11.0	09/23/02	Queen Anne Arms Apartments	<5.00	<10	<25.0	17.5	<0.030	--	<0.0500	--	<0.0500	--	<0.100	--	--	--	--	--	3.41
DB-11	DB-11	10.5	09/26/02	Bank of America	<5.00	18.4	41.4	59.8	<0.030	--	<0.0500	--	<0.0500	--	<0.100	--	--	--	--	--	--
SP-1	SP-1	19.0	03/12/04	Property--excavated 2020	100	88	<10	93.0	**0.09**	--	0.3	--	0.6	--	3.6	--	--	--	--	--	--
SP-2	SP-2	11.0	03/12/04	Monterey Apartments	2.9	14	<10	19.0	0.008	--	0.03	--	0.03	--	0.2	--	--	--	--	--	--
DPE-2	SP-3	13.0	03/12/04	Monterey Apartments	**24,000**	**3,000**	<500	**3,250**	**93**	--	**390**	--	**200**	--	**1,000**	--	--	--	--	--	--
SP-4	SP-4	9.0	03/12/04	Monterey Apartments	1.2	<3.0	<10	6.5	0.007	--	0.04	--	0.02	--	0.1	--	--	--	--	--	--
MW-20	SB-20	8.0	08/05/04	Shah Safari	<1.0	<3.0	<10	6.5	<0.005	--	<0.005	--	<0.005	--	<0.02	--	--	--	--	--	--
MW-21	SB-21	25.0	08/09/04	Bank of America	<1.0	<3.0	<10	6.5	<0.005	--	<0.005	--	<0.005	--	<0.02	--	<0.05	--	--	--	--
MW-21	SB-21	35.0	08/09/04	Bank of America	<1.0	<3.0	<10	6.5	**0.07**	--	<0.005	--	<0.005	--	<0.02	--	<0.05	--	--	--	--
MW-22/DPE-8	SB-22	12.0	10/04/04	Del Roy Apartments	**<40**	1,900	**3,400**	**5,300**	**0.10**	--	0.20	--	0.84	--	2.0	--	<0.002	--	--	--	--
MW-22/DPE-8	SB-22	15.0	10/04/04	Del Roy Apartments	6.8	<3.0	<10	6.5	0.004	--	0.001	--	0.01	--	0.06	--	<0.0005	--	--	--	--
MW-22/DPE-8	SB-22	19.0	10/04/04	Del Roy Apartments	2.3	<3.0	<10	6.5	0.007	--	0.011	--	0.015	--	0.057	--	<0.0005	--	--	--	--
MW-23	SB-23	10.0	10/04/04	Bungalows Apartments	**1,200**	310	<50	335.0	**0.12**	--	**9.7**	--	**21**	--	**117**	--	<0.063	--	--	--	--
MW-23	SB-23	14.0	10/04/04	Bungalows Apartments	<1.0	<3.0	<10	6.5	<0.0005	--	0.002	--	0.002	--	0.040	--	<0.0005	--	--	--	--
MW-23	SB-23	20.0	10/04/04	Bungalows Apartments	12	20	<10	25.0	**<0.062**	--	<0.12	--	0.71	--	2.7	--	<0.062	--	--	--	--
MW-24	SB-24	9.0	10/05/04	Del Roy Apartments	<1.0	<3.0	<10	6.5	<0.0005	--	<0.001	--	<0.001	--	<0.001	--	<0.0005	--	--	--	--
MW-24	SB-24	16.0	10/05/04	Del Roy Apartments	11	6.3	<10	11.3	**0.060**	--	0.082	--	0.077	--	0.4	--	<0.062	--	--	--	--
MW-24	SB-24	18.5	10/05/04	Del Roy Apartments	**3,100**	64	<10	69.0	**1.1**	--	**11**	--	6.0	--	**40**	--	<0.0005	--	--	--	--
MW-25	MW-25	12.5	10/25/04	Del Roy Apartments	**8,100**	23	<20	33.0	**<2.0**	--	<4.5	--	**47**	--	**210**	--	--	--	--	--	--
MW-25	MW-25	17.5	10/25/04	Del Roy Apartments	7	<3.0	<10	6.5	<0.005	--	<0.005	--	0.04	--	0.1	--	--	--	--	--	--
MW-25	MW-25	23.0	10/25/04	Del Roy Apartments	11	<3.0	<10	6.5	<0.005	--	<0.005	--	0.01	--	0.05	--	--	--	--	--	--
MW-26	MW-26	12.5	10/27/04	U-Park Lot	4.1	<3.0	<10	6.5	**0.2**	--	0.3	--	0.09	--	0.6	--	--	--	--	--	--
MW-26	MW-26	20.0	10/27/04	U-Park Lot	2.6	<3.0	<10	6.5	**0.4**	--	0.06	--	0.09	--	0.4	--	--	--	--	--	--
MW-32	SB-32	10.0	07/05/05	U-Park Lot	<1.0	<3.4	13	14.7	<0.0006	--	<0.001	--	<0.001	--	<0.001	--	--	--	--	--	17.6

Table 1
Soil Analytical Data
Former Texaco Service Station No. 211577
631 Queen Anne Avenue North, Seattle, WA 98109
All concentrations are in milligrams per kilograms (mg/kg)

Location ID	Alternate ID	Depth	Date	Location	GRO	DRO	HO	DRO + HO	Benzene [1]	Benzene [2]	Toluene [1]	Toluene 2	Ethylbenzene [1]	Ethylbenzene [2]	Total Xylenes [1]	Total Xylenes [2]	MTBE	EDB	EDC	Naphthalene	Total Lead [4]
MTCA Method A Soil Cleanup Levels					**30/100**	**2,000**	**2,000**	**2,000**	**0.03**	**0.03**	**7.0**	**7.0**	**6.0**	**6.0**	**9.0**	**9.0**	**0.1**	**0.005**	**--**	**5**	**250**
MW-33	SB-33	25.0	07/06/05	U-Park Lot	<1.1	4.3	<10	9.3	<0.0005	--	<0.001	--	<0.001	--	<0.001	--	--	--	--	--	--
MW-35	SB-35	27.5	11/22/05	U-Park Lot	<1.0	<3.0	<10	6.5	<0.005	--	<0.005	--	<0.005	--	<0.02	--	--	--	--	--	1.54
DPE-3	DPE-3	10.0	09/15/06	Monterey Apartments	<1.0	<3.0	<10	6.5	0.014	--	0.006	--	0.006	--	0.13	--	--	--	--	--	--
DPE-3	DPE-3	12.5	09/15/06	Monterey Apartments	<1.0	<3.0	<10	6.5	**0.036**	--	0.029	--	0.51 [6]	--	1.5 [6]	--	--	--	--	--	--
DPE-3	DPE-3	15.0	09/15/06	Monterey Apartments	**210**	190	52	242.0	**0.13**	--	0.37	--	**7.2**	--	**25**	--	--	--	--	--	--
DPE-4	DPE-4	13.0	10/24/06	Monterey Apartments	**13,000**	480	<500	730.0	**7**	--	**130**	--	**44**	--	**400**	--	--	--	--	--	--
DPE-4	DPE-4	16.0	10/24/06	Monterey Apartments	**62**	400	<500	650.0	**0.12**	--	0.26	--	0.15	--	0.89	--	--	--	--	--	--
DPE-5	DPE-5	14.0	10/31/05	Property--excavated 2020	460	2,800	<200	**2900**	**<0.3**	--	<0.3	--	5.3	--	<1.5	--	--	--	--	--	--
DPE-5	DPE-5	17.0	10/31/05	Property--excavated 2020	250	870	<100	920.0	**<0.5**	--	<1.0	--	4.8	--	24	--	--	--	--	--	--
DPE-6	DPE-6	17.5	10/17/05	Property--excavated 2020	140	420	<50	445.0	**<1.0**	--	1.8	--	2.4	--	13	--	--	--	--	--	--
DPE-6	DPE-6	20.0	10/17/05	Property--excavated 2020	96	360	<50	385.0	**<0.5**	--	0.5	--	0.4	--	2.1	--	--	--	--	--	--
DPE-7	DPE-7	11.0	10/21/05	Property--excavated 2020	440	2,000	<120	**2060**	**<0.2**	--	0.5	--	1.6	--	6	--	--	--	--	--	--
DPE-7	DPE-7	20.0	10/21/05	Property--excavated 2020	1,400	--	--	--	0.093	**<0.100**	0.771	0.771	9.9	7.3	16	15.25	<0.022	<0.043	--	--	--
DPE-9	DPE-9	13.5	09/18/06	Monterey Apartments	**10,000**	1,400	<200	1500.0	**--**	**17.3**	**--**	**38**	**--**	**80**	**--**	**343**	**<0.23**	**<0.45**	<0.45	**--**	**--**
P01-04	P01-04	4.0	05/02/12	Property--excavated 2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P01-06	P01-06	6.0	05/02/12	Property--excavated 2020	ND<2	ND<50	ND<250	150.0	ND<0.02	--	ND<0.02	--	ND<0.02	--	ND<0.06	--	--	--	--	--	--
P01-11	P01-11	11.0	05/02/12	Property--excavated 2020	ND<2	ND<50	ND<250	150.0	ND<0.02	--	ND<0.02	--	ND<0.02	--	ND<0.06	--	--	--	--	--	--
P01-14	P01-14	14.0	05/02/12	Property--excavated 2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P01-20	P01-20	20.0	05/02/12	Property--excavated 2020	ND<2	ND<50	ND<250	150.0	ND<0.02	--	ND<0.02	--	ND<0.02	--	ND<0.06	--	--	--	--	--	--
P01-24	P01-24	24.0	05/02/12	Property--excavated 2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P02-04	P02-04	4.0	05/02/12	Property--excavated 2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P02-08	P02-08	8.0	05/02/12	Property--excavated 2020	ND<2	ND<50	ND<250	150.0	ND<0.02	--	ND<0.02	--	ND<0.02	--	ND<0.06	--	--	--	--	--	--
P02-11	P02-11	11.0	05/02/12	Property--excavated 2020	52	120	ND<250	245.0	ND<0.02	--	0.18	--	0.37	--	0.53	--	--	--	--	--	--
P02-16	P02-16	16.0	05/02/12	Property--excavated 2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P02-20	P02-20	20.0	05/02/12	Property--excavated 2020	ND<2	ND<50	ND<250	150.0	ND<0.02	--	ND<0.02	--	ND<0.02	--	ND<0.06	--	--	--	--	--	--
P02-24	P02-24	24.0	05/02/12	Property--excavated 2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P03-04	P03-04	4.0	05/02/12	Property--excavated 2020	17	67 x	ND<250	158.5	ND<0.02	--	ND<0.02	--	ND<0.02	--	ND<0.06	--	--	--	--	--	--
P03-08	P03-08	8.0	05/02/12	Property--excavated 2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P03-11	P03-11	11.0	05/02/12	Property--excavated 2020	110	1,800	ND<250	1925.0	ND<0.02	--	ND<0.02	--	0.026	--	0.09	--	--	--	--	--	--
P03-15	P03-15	15.0	05/02/12	Property--excavated 2020	590	1,500	ND<250	1625.0	ND<0.02	--	ND<0.02	--	ND<0.02	--	ND<0.06	--	--	--	--	--	--
P03-20	P03-20	20.0	05/02/12	Property--excavated 2020	ND<2	ND<50	ND<250	150.0	ND<0.02	--	ND<0.02	--	ND<0.02	--	ND<0.06	--	--	--	--	--	--
P03-24	P03-24	24.0	05/02/12	Property--excavated 2020	ND<2	ND<50	ND<250	150.0	ND<0.02	--	ND<0.02	--	ND<0.02	--	ND<0.06	--	--	--	--	--	--
P04-04	P04-04	4.0	05/02/12	Property--excavated 2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P04-08	P04-08	8.0	05/02/12	Property--excavated 2020	ND<2	ND<50	ND<250	150.0	ND<0.02	--	ND<0.02	--	ND<0.02	--	ND<0.06	--	--	--	--	--	--
P04-11	P04-11	11.0	05/02/12	Property--excavated 2020	590	2,600	ND<250	**2,725**	0.6	--	1.8	--	2	--	4.6	--	--	--	--	--	--
P04-15	P04-15	15.0	05/02/12	Property--excavated 2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P04-20	P04-20	20.0	05/02/12	Property--excavated 2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P04-24	P04-24	24.0	05/02/12	Property--excavated 2020	ND<2	ND<50	ND<250	150.0	ND<0.02	--	ND<0.02	--	ND<0.02	--	ND<0.06	--	--	--	--	--	--
P05-04	P05-04	4.0	05/02/12	Property--excavated 2020	380	530	360	890.0	0.12	--	0.82	--	3.1	--	3.1	--	--	--	--	--	--
P05-08	P05-08	8.0	05/02/12	Property--excavated 2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P05-11	P05-11	11.0	05/02/12	Property--excavated 2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P05-15	P05-15	15.0	05/02/12	Property--excavated 2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P05-20	P05-20	20.0	05/02/12	Property--excavated 2020	2.5	ND<50	ND<250	150.0	ND<0.02	--	ND<0.02	--	ND<0.02	--	ND<0.06	--	--	--	--	--	--
P05-24	P05-24	24.0	05/02/12	Property--excavated 2020	ND<2	ND<50	ND<250	150.0	ND<0.02	--	ND<0.02	--	ND<0.02	--	ND<0.06	--	--	--	--	--	--
P06-04	P06-04	4.0	05/02/12	Property--excavated 2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P06-07	P06-07	7.0	05/02/12	Property--excavated 2020	ND<2	ND<50	ND<250	150.0	ND<0.02	--	ND<0.02	--	ND<0.02	--	ND<0.06	--	--	--	--	--	--
P06-11	P06-11	11.0	05/02/12	Property--excavated 2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P06-14	P06-14	14.0	05/02/12	Property--excavated 2020	65	1,000	ND<250	1125.0	0.036	--	0.22	--	0.64	--	1.5	--	--	--	--	--	--
P06-19	P06-19	19.0	05/02/12	Property--excavated 2020	ND<2	ND<50	ND<250	150.0	ND<0.02	--	ND<0.02	--	ND<0.02	--	ND<0.06	--	--	--	--	--	--
P06-24	P06-24	24.0	05/02/12	Property--excavated 2020	ND<2	ND<50	ND<250	150.0	ND<0.02	--	ND<0.02	--	ND<0.02	--	ND<0.06	--	--	--	--	--	--
P07-04	P07-04	4.0	05/02/12	Property--excavated 2020	370	350	ND<250	475.0	0.13	--	0.77	--	3	--	2.7	--	--	--	--	--	--
P07-08	P07-08	8.0	05/02/12	Property--excavated 2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P07-11	P07-11	11.0	05/02/12	Property--excavated 2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P07-14	P07-14	14.0	05/02/12	Property--excavated 2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P07-20	P07-20	20.0	05/02/12	Property--excavated 2020	ND<2	3,300	ND<250	**3,425**	ND<0.02	--	ND<0.02	--	ND<0.02	--	ND<0.06	--	--	--	--	--	--
P07-24	P07-24	24.0	05/02/12	Property--excavated 2020	3	ND<50	ND<250	150.0	ND<0.02	--	ND<0.02	--	ND<0.02	--	ND<0.06	--	--	--	--	--	--
P08-08	P08-08	8.0	05/02/12	Property--excavated 2020	ND<2	ND<50	ND<250	150.0	ND<0.02	--	ND<0.02	--	ND<0.02	--	ND<0.06	--	--	--	--	--	--
P08-11	P08-11	11.0	05/02/12	Property--excavated 2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P08-14	P08-14	14.0	05/02/12	Property--excavated 2020	2,500	2,600	ND<250	**2,725**	2.5	--	6.4	--	26	--	160	--	--	--	--	--	--
P08-16	P08-16	16.0	05/02/12	Property--excavated 2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P08-19	P08-19	19.0	05/02/12	Property--excavated 2020	7.5	ND<50	ND<250	150.0	0.035	--	ND<0.02	--	ND<0.02	--	ND<0.06	--	--	--	--	--	--

Table 1
Soil Analytical Data
Former Texaco Service Station No. 211577
631 Queen Anne Avenue North, Seattle, WA 98109
All concentrations are in milligrams per kilograms (mg/kg)

Location ID	Alternate ID	Depth	Date	Location	GRO	DRO	HO	DRO + HO	Benzene [1]	Benzene [2]	Toluene [1]	Toluene 2	Ethylbenzene [1]	Ethylbenzene [2]	Total Xylenes [1]	Total Xylenes [2]	MTBE	EDB	EDC	Naphthalene	Total Lead [4]
MTCA Method A Soil Cleanup Levels					**30/100**	**2,000**	**2,000**	**2,000**	**0.03**	**0.03**	**7.0**	**7.0**	**6.0**	**6.0**	**9.0**	**9.0**	**0.1**	**0.005**	**--**	**5**	**250**
P08-28	P08-28	28.0	05/02/12	Property--excavated 2020	ND<2	0.14	ND<250	125.1	ND<0.02	--	ND<0.02	--	ND<0.02	--	ND<0.06	--	--	--	--	--	--
P09-03	P09-03	3.0	05/02/12	Property--excavated 2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P09-08	P09-08	8.0	05/02/12	Property--excavated 2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P09-12	P09-12	12.0	05/02/12	Property--excavated 2020	ND<2	ND<50	ND<250	150.0	ND<0.02	--	ND<0.02	--	ND<0.02	--	ND<0.06	--	--	--	--	--	--
P09-15	P09-15	15.0	05/02/12	Property--excavated 2020	2,300	ND<50	ND<250	150.0	ND<0.02	--	18	--	16	--	27	--	--	--	--	--	--
P09-20	P09-20	20.0	05/02/12	Property--excavated 2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P09-24	P09-24	24.0	05/02/12	Property--excavated 2020	25	210	ND<250	335.0	ND<0.02	--	ND<0.02	--	ND<0.02	--	ND<0.06	--	--	--	--	--	--
P1	P1	5.0	05/22/17	Property--excavated 2020	--	--	--	--	ND<0.02	--	ND<0.02	--	ND<0.02	--	ND<0.06	--	--	--	--	--	--
P1	P1	10.0	05/22/17	Property--excavated 2020	--	--	--	--	ND<0.02	--	ND<0.02	--	ND<0.02	--	ND<0.06	--	--	--	--	--	--
P1	P1	13.0	05/22/17	Property--excavated 2020	100	--	--	--	ND<0.02	--	ND<0.02	--	0.078	--	0.39	--	--	--	--	--	--
P1	P1	20.0	05/22/17	Property--excavated 2020	26	--	--	--	ND<0.02	--	0.055	--	0.13	--	0.19	--	--	--	--	--	--
P2	P2	4.0	05/22/17	Property--excavated 2020	250	--	--	--	0.025	--	1.4	--	1.3	--	2.1	--	--	--	--	--	--
P2	P2	7.5	05/22/17	Property--excavated 2020	ND<2	--	--	--	ND<0.02	--	ND<0.02	--	ND<0.02	--	ND<0.06	--	--	--	--	--	--
P2	P2	14.0	05/22/17	Property--excavated 2020	ND<2	--	--	--	ND<0.02	--	ND<0.02	--	ND<0.02	--	ND<0.06	--	--	--	--	--	--
P2	P2	17.0	05/22/17	Property--excavated 2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P2	P2	20.0	05/22/17	Property--excavated 2020	ND<2	--	--	--	ND<0.02	--	ND<0.02	--	ND<0.02	--	ND<0.06	--	--	--	--	--	--
P3	P3	5.0	05/22/17	Property--excavated 2020	220	--	--	--	0.047	--	0.54	--	0.84	--	1.3	--	--	--	--	--	--
P3	P3	8.0	05/22/17	Property--excavated 2020	--	--	--	--	ND<0.02	--	ND<0.02	--	ND<0.02	--	ND<0.02	--	--	--	--	--	--
P3	P3	13.0	05/22/17	Property--excavated 2020	2.7	--	--	--	ND<0.02	--	ND<0.02	--	ND<0.02	--	ND<0.02	--	--	--	--	--	--
P3	P3	20.0	05/22/17	Property--excavated 2020	--	--	--	--	ND<0.02	--	ND<0.02	--	ND<0.02	--	ND<0.02	--	--	--	--	--	--
SS1-P1	SS1-P1	5.0	12/02/17	Property--right of way	<10	<50	<250	150.0	<0.02	--	0.17	--	<0.05	--	<0.15	--	--	--	--	--	--
SS1-P1	SS1-P1	9.0	12/02/17	Property--right of way	<10	<50	<250	150.0	<0.02	--	<0.10	--	<0.05	--	<0.15	--	--	--	--	--	--
SS1-P2	SS1-P2	7.5	12/03/17	Property--right of way	<10	<50	<250	150.0	<0.02	--	<0.10	--	<0.05	--	<0.15	--	--	--	--	--	--
SS1-P2	SS1-P2	10.0	12/03/17	Property--right of way	<10	<50	<250	150.0	<0.02	--	<0.10	--	<0.05	--	<0.15	--	--	--	--	--	--
SS1-P3	SS1-P3	22.0	12/04/17	Property--excavated 2020	<10	<50	<250	150.0	<0.02	--	<0.10	--	0.15	--	<0.15	--	--	--	--	--	--
SS1-P3	SS1-P3	31.0	12/04/17	Property--excavated 2020	<10	<50	<250	150.0	<0.02	--	<0.10	--	<0.05	--	<0.15	--	--	--	--	--	--
SS1-P3	SS1-P3	34.0	12/04/17	Property--excavated 2020	<10	<50	<250	150.0	<0.02	--	<0.10	--	<0.05	--	<0.15	--	--	--	--	--	--
SS1-P4	SS1-P4	22.0	12/04/17	Property--excavated 2020	504	843	<250	968.0	<0.02	--	<0.10	--	<0.05	--	<0.15	--	--	--	--	--	--
SS1-P4	SS1-P4	30.0	12/04/17	Property--excavated 2020	<10	<50	<250	150.0	<0.02	--	<0.10	--	<0.05	--	<0.15	--	--	--	--	--	--
SS1-P4	SS1-P4	37.0	12/04/17	Property--excavated 2020	<10	<50	<250	150.0	<0.02	--	<0.10	--	<0.05	--	<0.15	--	--	--	--	--	--
SS1-P5	SS1-P5	23.0	12/04/17	Property--excavated 2020	99	<50	<250	150.0	4.4	--	7.8	--	0.29	--	1.0	--	--	--	--	--	--
SS1-P5	SS1-P5	28.0	12/04/17	Property--excavated 2020	<10	<50	<250	150.0	<0.02	--	<0.10	--	<0.05	--	<0.15	--	--	--	--	--	--
SS1-W1	SS1-W1	8	12/02/17	Property--right of way	<10	<50	<250	150.0	<0.02	--	<0.10	--	<0.05	--	<0.15	--	--	--	--	--	--
SS1-W1	SS1-W1	15	12/02/17	Property--right of way	<10	<50	<250	150.0	<0.02	--	<0.10	--	<0.05	--	<0.15	--	--	--	--	--	--
SS1-W2	SS1-W2	9	12/02/17	Property--right of way	<10	<50	<250	150.0	<0.02	--	<0.10	--	<0.05	--	<0.15	--	--	--	--	--	--
SS1-W2	SS1-W2	12.5	12/02/17	Property--right of way	**69**	266	<250	391.0	<0.02	--	0.12	--	0.56	--	0.84	--	--	--	--	--	--
SS1-W2	SS1-W2	16	12/02/17	Property--right of way	<10	<50	<250	150.0	<0.02	--	<0.10	--	<0.05	--	<0.15	--	--	--	--	--	--
SS1-W2	SS1-W2	19.5	12/02/17	Property--right of way	<10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OTBMW-1	OTBMW-1	1 - 5	08/06/19	U-Park Lot	< 0.986	< 1.55	< 3.87	2.7	--	< 0.000465	--	0.00725	--	--	--	< 0.00556	--	--	--	--	1.41
OTBMW-1	OTBMW-1	1- 8.5	08/06/19	U-Park Lot	< 0.993	< 1.56	< 3.90	2.7	--	< 0.000468	--	0.0142	--	--	--	< 0.00560	--	--	--	--	2.24
OTBMW-1	OTBMW-1	1 - 12.5	08/06/19	U-Park Lot	< 0.977	< 1.53	< 3.84	2.7	--	< 0.000461	--	< 0.00144	--	--	--	< 0.00551	--	--	--	--	--
OTBMW-1	OTBMW-1	1 - 16	08/06/19	U-Park Lot	< 1.03	< 1.62	< 4.04	2.8	--	< 0.000486	--	< 0.00152	--	--	--	< 0.00581	--	--	--	--	--
OTBMW-2	OTBMW-2	2 - 6	08/06/19	U-Park Lot	< 0.954	< 1.50	< 3.74	2.6	--	< 0.000450	--	0.0089	--	--	--	< 0.00538	--	--	--	--	--
OTBMW-2	OTBMW-2	2 - 7.5	08/06/19	U-Park Lot	< 1.09	< 1.71	< 4.29	3.0	--	< 0.000516	--	0.00858	--	--	--	< 0.00616	--	--	--	--	1.67
OTBMW-2	OTBMW-2	2 - 15	08/06/19	U-Park Lot	< 1.01	< 1.58	< 3.97	2.8	--	< 0.000496	--	0.0216	--	--	--	0.00859	--	--	--	--	--
OTBMW-2	OTBMW-2	2 - 20	08/06/19	U-Park Lot	< 1.07	< 1.64	< 4.10	2.9	--	< 0.000492	--	< 0.00154	--	--	--	< 0.00588	--	--	--	--	--
SB-1	SB-1	2.5	08/06/19	U-Park Lot	< 0.922	< 1.45	< 3.62	2.5	--	< 0.000435	--	0.0164	--	--	--	< 0.00520	--	--	--	--	4.04
SB-1	SB-1	10.5	08/06/19	U-Park Lot	< 1.00	< 1.57	< 3.93	2.8	--	< 0.000472	--	0.00756	--	--	--	< 0.00564	--	--	--	--	--
SB-1	SB-1	13.5	08/06/19	U-Park Lot	< 1.08	< 1.41	< 3.52	2.5	--	< 0.000423	--	0.00825	--	--	--	< 0.00506	--	--	--	--	--
SB-1	SB-1	18	08/06/19	U-Park Lot	< 0.902	< 1.39	< 3.48	2.4	--	< 0.000418	--	0.00586	--	--	--	< 0.00499	--	--	--	--	--
SB-2	SB-2	5	08/06/19	U-Park Lot	< 0.954	< 7.48	< 18.7	13.1	--	0.0191	--	0.0194	--	--	--	< 0.00538	--	--	--	--	--
SB-2	SB-2	8.5	08/06/19	U-Park Lot	< 0.963	< 1.51	< 3.78	2.6	--	< 0.000486	--	0.0208	--	--	--	< 0.00580	--	--	--	--	2.1
SB-2	SB-2	13	08/06/19	U-Park Lot	< 1.18	< 1.58	< 3.97	2.8	--	< 0.000510	--	0.0272	--	--	--	< 0.00609	--	--	--	--	--
SB-2	SB-2	15.5	08/06/19	U-Park Lot	< 0.885	< 1.39	< 3.47	2.4	--	< 0.000417	--	0.00619	--	--	--	< 0.00499	--	--	--	--	--
QAAMW-1	QAAMW-1	5.5	08/07/19	Queen Anne Arms Apartments	< 0.920	< 1.44	< 3.61	2.5	--	< 0.000434	--	< 0.00136	--	--	--	< 0.00518	--	--	--	--	1.8
QAAMW-1	QAAMW-1	10.5	08/07/19	Queen Anne Arms Apartments	< 1.01	< 1.59	< 3.97	2.8	--	< 0.000477	--	< 0.00149	--	--	--	< 0.00570	--	--	--	--	--
QAAMW-1	QAAMW-1	15.5	08/07/19	Queen Anne Arms Apartments	< 1.00	< 1.57	< 3.93	2.8	--	< 0.000472	--	< 0.00147	--	--	--	< 0.00564	--	--	--	--	--
QAAMW-1	QAAMW-1	26	08/07/19	Queen Anne Arms Apartments	< 1.04	< 1.63	< 4.09	2.9	--	< 0.000491	--	< 0.00153	--	--	--	< 0.00587	--	--	--	--	--
SB-3	SB-3	6	08/07/19	Queen Anne Arms Apartments	< 1.05	< 1.65	< 4.13	2.9	--	< 0.000497	--	0.0069	--	--	--	< 0.00593	--	--	--	--	--
SB-3	SB-3	10.5	08/07/19	Queen Anne Arms Apartments	< 1.08	< 1.58	< 3.95	2.8	--	< 0.000540	--	< 0.00168	--	--	--	< 0.00646	--	--	--	--	1.32
SB-3	SB-3	15.5	08/07/19	Queen Anne Arms Apartments	< 1.00	< 1.57	< 3.94	2.8	--	< 0.000474	--	0.00613	--	--	--	< 0.00566	--	--	--	--	--

Table 1
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Former Texaco Service Station No. 211577
631 Queen Anne Avenue North, Seattle, WA 98109
All concentrations are in milligrams per kilograms (mg/kg)

Location ID	Alternate ID	Depth	Date	Location	GRO	DRO	HO	DRO + HO	Benzene [1]	Benzene [2]	Toluene [1]	Toluene 2	Ethylbenzene [1]	Ethylbenzene [2]	Total Xylenes [1]	Total Xylenes [2]	MTBE	EDB	EDC	Naphthalene	Total Lead [4]
MTCA Method A Soil Cleanup Levels					**30/100**	**2,000**	**2,000**	**2,000**	**0.03**	**0.03**	**7.0**	**7.0**	**6.0**	**6.0**	**9.0**	**9.0**	**0.1**	**0.005**	**--**	**5**	**250**
SB-4	SB-4	5.5	08/07/19	Queen Anne Arms Apartments	< 1.20	< 1.88	< 4.70	3.3	--	< 0.000565	--	0.00865	--	--	--	< 0.00675	--	--	--	--	--
SB-4	SB-4	11	08/07/19	Queen Anne Arms Apartments	< 0.992	< 1.56	< 3.90	2.7	--	< 0.000468	--	< 0.00146	--	--	--	< 0.00559	--	--	--	--	--
SB-4	SB-4	18	08/07/19	Queen Anne Arms Apartments	< 1.03	< 1.62	< 4.05	2.8	--	0.00207	--	< 0.00152	--	--	--	< 0.00582	--	--	--	--	--
SB-4	SB-4	20	08/07/19	Queen Anne Arms Apartments	< 1.01	< 1.59	< 3.97	2.8	--	0.00183	--	< 0.00161	--	--	--	< 0.00615	--	--	--	--	1.18
SB-4	SB-4	23	08/07/19	Queen Anne Arms Apartments	< 1.03	< 1.62	< 4.06	2.8	--	< 0.000488	--	< 0.00152	--	--	--	< 0.00583	--	--	--	--	--
SB-5	SB-5	5.5	08/07/19	Queen Anne Arms Apartments	< 1.08	< 1.70	< 4.25	3.0	--	< 0.000510	--	0.00868	--	--	--	< 0.00610	--	--	--	--	--
SB-5	SB-5	10.5	08/07/19	Queen Anne Arms Apartments	< 0.989	5.04	24.8	29.8	--	< 0.000466	--	0.0127	--	--	--	< 0.00557	--	--	--	--	--
SB-5	SB-5	18	08/07/19	Queen Anne Arms Apartments	< 1.03	< 1.61	< 4.04	2.8	--	0.0127	--	0.0117	--	--	--	0.0112	--	--	--	--	1.05
SB-5	SB-5	20.5	08/07/19	Queen Anne Arms Apartments	7.62	< 1.63	< 4.09	2.9	--	0.0124	--	< 0.00154	--	--	--	< 0.00587	--	--	--	--	--
SB-5	SB-5	23	08/07/19	Queen Anne Arms Apartments	< 1.02	< 1.60	< 4.00	2.8	--	< 0.000480	--	< 0.00150	--	--	--	< 0.00574	--	--	--	--	--
MW-3A	MW-3A	5	03/28/23	Monterey Apartments	< 3.76	< 4.92	4.28 J	--	--	< 0.00150	--	0.00313 J	--	< 0.00376	--	0.00706 J	--	--	--	< 0.0188	1.97 J
MW-3A	MW-3A	10	03/28/23	Monterey Apartments	1.94 B JT8	< 4.75	< 11.9	--	--	< 0.00138	--	0.00361 J	--	< 0.00344	--	0.00679 J	--	--	--	< 0.0172	2.43
MW-3A	MW-3A	15	03/28/23	Monterey Apartments	1.65 J J3	< 4.92	< 12.3	--	--	0.000716 J	--	0.00612 J	--	< 0.00374	--	0.00889 J	--	--	--	< 0.0187	1.51 J
MW-3A	MW-3A	20	03/28/23	Monterey Apartments	< 4.03	< 5.11	< 12.8	--	--	0.000761 J	--	< 0.00806	--	< 0.00403	--	0.00671 J	--	--	--	< 0.0202	1.32 J
MW-11A	MW-11A	5	03/29/23	1st Avenue West ROW	< 4.31	< 5.44	< 13.6	--	--	< 0.00173	--	0.00414 J	--	< 0.00431	--	< 0.0112	--	--	--	--	5.77
MW-11A	MW-11A	10	03/29/23	1st Avenue West ROW	< 3.46	1.78 J	4.19 J	--	--	0.000855 J	--	0.00484 J	--	< 0.00346	--	< 0.00901	--	--	--	--	6.03
MW-11A	MW-11A	15	03/29/23	1st Avenue West ROW	< 3.84	< 5.01	< 12.5	--	--	< 0.00154	--	0.00680 J	--	< 0.00384	--	0.00256 J	--	--	--	--	1.72 J
MW-11A	MW-11A	20	03/29/23	1st Avenue West ROW	< 3.63	< 4.79	< 12.0	--	--	< 0.00145	--	< 0.00725	--	< 0.00363	--	< 0.00943	--	--	--	--	1.55 J
MW-36	MW-36	5	03/30/23	Del Roy Apartments	< 3.75	< 4.87	< 12.2	--	--	< 0.00150	--	0.00654 J	--	< 0.00375	--	0.0136	--	--	--	< 0.0187	3
MW-36	MW-36	10	03/30/23	Del Roy Apartments	< 4.49	< 5.45	< 13.6	--	--	< 0.00180	--	0.00426 J	--	< 0.00449	--	0.00404 J	--	--	--	< 0.0225	3.07
MW-36	MW-36	15	03/30/23	Del Roy Apartments	< 3.57	1.62 J	< 11.9	--	--	< 0.00143	--	< 0.00715	--	< 0.00357	--	0.00355 J	--	--	--	< 0.0179	2.59
MW-36	MW-36	20	03/30/23	Del Roy Apartments	1.18 J	< 4.66	< 11.7	--	--	0.000722 J	--	< 0.00685	--	0.00167 J	--	0.00439 J	--	--	--	< 0.0171	1.76 J
MW-37[8]	MW-37	5	03/28/23	Del Roy Apartments	< 3.11	2.96 J	10.0 J	--	--	0.000708 J	--	0.00235 J	--	< 0.00311	--	0.00546 J	--	--	--	< 0.0155	13.4
MW-37[8]	MW-37	10	03/30/23	Del Roy Apartments	15	21.3	< 12.6	--	--	< 0.00160	--	0.00330 J	--	< 0.00399	--	0.00843 J	--	--	--	0.0117 J	2.53
MW-37[8]	FD-1	10	03/30/23	Del Roy Apartments	13.6 B	16.8	< 12.3	--	--	0.00131 J	--	0.00962	--	0.00113 J	--	0.0109	--	--	--	0.0107 J	4.16
MW-37[8]	MW-37	15	03/30/23	Del Roy Apartments	**1,900**	440	17.1	--	--	**< 0.110**	--	< 0.552	--	0.909	--	**19.5**	--	--	--	**17.4**	12.5
MW-37[8]	MW-37	20	03/30/23	Del Roy Apartments	9.67 B	6.8	< 11.8	--	--	0.00124 J	--	0.0166	--	0.00449	--	0.0434	--	--	--	0.03430	2.75
MW-38	MW-38	5	03/31/23	Monterey Apartments	1.18 B J	< 4.28	< 10.7	--	--	< 0.00115	--	< 0.00576	--	< 0.00288	--	< 0.00749	--	--	--	< 0.0144	1.59 J
MW-38	MW-38	10	03/31/23	Monterey Apartments	2.10 B J	3.70 J	< 12.1	--	--	< 0.00144	--	0.00230 J	--	0.015	--	0.027	--	--	--	0.0122 J	2.74
MW-38	MW-38	15	03/31/23	Monterey Apartments	**85.3 B**	247	5.84 J	--	--	< 0.0118	--	< 0.0591	--	< 0.0296	--	0.0254 J	--	--	--	< 0.148	3.05
MW-38	FD-2	15	03/31/23	Monterey Apartments	**57.1 B**	612	15.7	--	--	< 0.0249	--	< 0.124	--	< 0.0622	--	0.0356 J	--	--	--	0.151 J	2.37
MW-38	MW-38	20	03/31/23	Monterey Apartments	**46.6 B**	333	7.68 J	--	--	< 0.0288	--	< 0.144	--	< 0.0721	--	< 0.187	--	--	--	< 0.360	2.12 J
MW-40	MW-40	5	04/03/23	Monterey Apartments	1.12 B J	3.05 J	4.39 J	--	--	< 0.00115	--	0.00466 J	--	< 0.00289	--	0.00164 J	--	--	--	< 0.0144	1.32 J
MW-40	MW-40	10	04/03/23	Monterey Apartments	< 3.25	< 4.52	< 11.3	--	--	< 0.00130	--	0.00304 J	--	< 0.00325	--	0.00153 J	--	--	--	< 0.0162	2.51
MW-40	MW-40	15	04/03/23	Monterey Apartments	5.43	1.80 J	< 12.9	--	--	0.0111	--	0.353	--	0.14	--	0.702	--	--	--	< 0.0203	4.14
MW-40	MW-40	20	04/03/23	Monterey Apartments	1.94 B J	1.81 J	< 12.9	--	--	< 0.00186	--	0.00260 J	--	< 0.00466	--	0.00246 J	--	--	--	< 0.0232	7.82
MW-40	MW-40	25	04/03/23	Monterey Apartments	2.21 B J	2.36 J	4.47 J	--	--	< 0.00164	--	0.00294 J	--	< 0.00409	--	< 0.0106	--	--	--	< 0.0205	6.91
MW-46	MW-46	5	04/03/23	Monterey Apartments	2.08 B J	< 5.75	< 14.4	--	--	< 0.00196	--	0.00576 J	--	< 0.00491	--	< 0.0128	--	--	--	< 0.0246	4.98
MW-46	MW-46	10	04/04/23	Monterey Apartments	1.93 B J	2.10 J	5.11 J	--	--	< 0.00151	--	0.00734 J	--	0.00159 J	--	0.00844 J	--	--	--	< 0.0189	4.2
MW-46	MW-46	15	04/04/23	Monterey Apartments	1.91 B J	< 4.75	< 11.9	--	--	< 0.00141	--	0.00425 J	--	< 0.00351	--	0.00138 J	--	--	--	< 0.0176	1.64 J
MW-46	FD-3	15	04/04/23	Monterey Apartments	1.60 B J	< 5.07	< 12.7	--	--	< 0.00158	--	0.00658 J	--	< 0.00396	--	0.00252 J	--	--	--	< 0.0198	1.48 J
MW-46	MW-46	20	04/04/23	Monterey Apartments	2.52 B J	< 4.88	< 12.2	--	--	< 0.00148	--	< 0.00742	--	< 0.00371	--	0.00156 J	--	--	--	< 0.0186	1.25 J

Notes:

[1] BTEX analyzed by USEPA Method 8021 except for samples DPE-7-20 and DPE-9-13.5, which were analyzed by Washington Department of Ecology Method WA VPH (2007 Final RI).

[2] BTEX data determined by USEPA Method 8260B (2007 Final RI).

[3] 2002 data method for lead analysis not noted in the 2003 Remedial Investigation.

[4] Total lead analyzed by the USEPA Method 6000/7000 series.

[5] Not detected above laboratory detection limits. Laboratory detection limits not available or reported.

[6] Estimated due to exceedance of the calibration range according to the 2007 Final Remedial Investigation and Site Summary Report.

[7] DVP-4 is a duplicate of DVP-2.

[8] Soil samples collected from MW-37 were also analyzed for PCBs. PCBs were not detected above laboratory detection limites = Total petroleum hydrocarbons (TPH) - Diesel Range Organics analyzed by Ecology Method NWTPH-Dx

MTCA Method A CULs = Ecology Model Toxics Control Act (MTCA) Method A Soil Cleanup Levels for Unrestricted Land Uses, WAC Chapter 173-340-900, Table 740-1

Soil Cleanup Level for gasoline mixtures (GRO) without benzene and the total of toluene, ethylbenzene, and xylenes are less than 1% of the gasoline mixture is 100 mg/kg. For all other gasoline mixtures, the GRO Soil Cleanup Level is 30 mg/kg.

BOLD and highlighted values are greater than their respective MTCA Method A cleanup level

BOLD = Concentration is non-detect, however the reporting limit is greater than the cleanup level

J = The identification of the analyte is acceptable; the reported value is an estimate.

B = The same analyte is found in the associated blank

J3 = The associated batch QC was outside the established quality control range for precision

T8 = Sample(s) received past/too close to holding time expiration.

Abbreviations and Acronyms

DRO = Total petroleum hydrocarbons (TPH) - Diesel Range Organics analyzed by Ecology Method NWTPH-Dx

GRO = TPH - Gasoline Range Organics analyzed by Ecology Method NWTPH-Gx

HO = TPH - Heavy Oil Range Organics analyzed by Ecology Method NWTPH-Dx

BTEX = benzene, toluene, ethylbenzene, and total xylenes - collectively

MTBE = Methyl Tertiary-Butyl Ether

EDB = Ethylene dibromide

EDC = 1,2-Dichloroethane

Depth = Depth of sample in feet below ground surface (bgs)

<= Not detected at or above laboratory method detection limit (MDL) for the given analysis, value shown is MDL

DUP = duplicate

Table 2
Groundwater Gauging Data and Analytical Results
Former Texaco Service Station No. 211577
631 Queen Anne Avenue North, Seattle, WA 98109

Well ID	Date	DTW	NAPL Thickness	GWE	TPH-GRO	TPH-DRO - No Silica Gel	TPH-DRO - with Silica Gel	TPH-HO - No Silica Gel	TPH-HO - with Silica Gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead	Arsenic	Naphthalene Method 8270	Naphthalene Method 8260B
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L					**800/1,000**	**500**	**500**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**15**	**15**	**5**	**160**	**160**
DPE-1/VP-6	07/24/02	12.18	1.58	90.98	NOT SAMPLED DUE TO THE PRESENCE OF NAPL																
DPE-1/VP-6	10/17-18/02	12.00	0.65	90.42	NOT SAMPLED DUE TO THE PRESENCE OF NAPL																
DPE-1/VP-6	01/21/03	12.90	1.63	90.30	NOT SAMPLED DUE TO THE PRESENCE OF NAPL																
DPE-1/VP-6	04/23-24/03	10.90	0.15	91.12	NOT SAMPLED DUE TO THE PRESENCE OF NAPL																
DPE-1/VP-6	06/30-07/01/03	11.54	0.22	90.54	NOT SAMPLED DUE TO THE PRESENCE OF NAPL																
DPE-1/VP-6	10/01-02/03	12.91	0.79	89.62	NOT SAMPLED DUE TO THE PRESENCE OF NAPL																
DPE-1/VP-6	01/21-23/04	--	--	--	NOT MONITORED/SAMPLED DUE TO WELL OBSTRUCTION AT 2.41 FEET																
DPE-1/VP-6	04/29-30/04	11.25	0.05	--	NOT SAMPLED DUE TO THE PRESENCE OF NAPL																
DPE-1/VP-6	07/15-16/04	11.63	0.02	--	NOT SAMPLED DUE TO THE PRESENCE OF NAPL																
DPE-1/VP-6	08/03/04	11.85	--	89.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-1/VP-6	10/28-11/01/04	11.99	--	89.85	**81,000**	--	**180,000**	--	**<20,000**	**7,500**	**9,500**	**1,100**	**9,000**	--	--	--	--	--	--	--	--
DPE-1/VP-6	01/24-31/05	11.37	--	90.47	**19,000**	--	**21,000**	--	**<1,000**	**1,800**	**1,200**	75	**3,300**	--	--	--	--	--	--	--	--
DPE-1/VP-6	04/18-21/05	11.19	--	90.65	**8,000**	--	**280,000**	--	**<11,000**	**190**	240	48	800	--	--	--	--	--	--	--	--
DPE-1/VP-6	07/27-28/05	11.50	--	90.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-1/VP-6	11/08-10/05	11.76	--	90.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-1/VP-6	08/09/05	11.60	0.01	90.25	NOT SAMPLED DUE TO THE PRESENCE OF NAPL																
DPE-1/VP-6	11/08-10/05	11.76	--	90.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-1/VP-6	02/22/06	10.02	--	91.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-1/VP-6	04/17/06	11.25	--	90.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-1/VP-6	08/31/06	13.13	--	88.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-1/VP-6	09/15/06	13.35	0.04	88.52	NOT SAMPLED DUE TO THE PRESENCE OF NAPL																
DPE-1/VP-6	10/17/06	14.68	1.83	88.33	NOT SAMPLED DUE TO THE PRESENCE OF NAPL																
DPE-1/VP-6	04/17-19/07	15.63	--	85.92	650	--	**5,600**	--	**<950**	20	4.1	3.7	13	--	--	--	--	--	--	--	--
DPE-1/VP-6	04/17-19/07	15.63	--	85.92	690	--	**<1,500**	--	**<1,900**	20	4.3	3.9	14	--	--	--	--	--	--	--	--
DPE-1/VP-6	12/04-05/07	20.72	--	80.83	550	--	240	--	<100	**380**	4.7	32	15	--	--	--	--	--	--	--	--
DPE-1/VP-6	04/28-29/08	16.74	--	84.89	260	--	**610**	--	<200	**430**	1	1	2	--	--	--	--	--	--	--	--
DPE-1/VP-6	4/29/2008	16.74	--	84.89	250	--	490	--	<200	**450**	1	1	2	--	--	--	--	--	--	--	--
DPE-1/VP-6	11/03/08	13.50	--	88.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-1/VP-6	04/13-16/09	11.84	--	89.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-1/VP-6	10/12-15/09	12.05	--	89.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-1/VP-6	04/19-22/10	10.26	--	91.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-1/VP-6	01/17-20/11	10.56	--	91.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-1/VP-6	05/10-12/11	9.85	--	91.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-1/VP-6	05/07-08/12	10.00	--	91.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-1/VP-6	11/12-14/12	11.97	--	89.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-1/VP-6	5/20-22/13	9.92	--	91.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-1/VP-6	11/11-13/13	11.61	--	90.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-1/VP-6	8/14/2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-2	04/29-30/04	11.51	0.20	--	NOT SAMPLED DUE TO THE PRESENCE OF NAPL																
DPE-2	07/15-16/04	11.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-2	08/03/04	12.17	--	90.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-2	10/28-11/01/04	12.12	--	90.05	**48,000**	--	**6,200**	--	**<1,000**	**2,500**	**3,000**	**940**	**5,400**	--	--	--	--	--	--	--	--
DPE-2	01/24-31/05	11.51	--	90.66	**2,200**	--	**870**	--	<250	**70**	79	13	140	--	--	--	--	--	--	--	--
DPE-2	04/18-21/05	11.30	--	90.87	**2,000**	--	290	--	<250	**210**	170	42	220	--	--	--	--	--	--	--	--
DPE-2	07/27-28/05	11.64	--	90.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-2	11/08-10/05	12.02	--	90.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-2	02/22/06	10.98	0.92	91.93	NOT SAMPLED DUE TO THE PRESENCE OF NAPL																
DPE-2	02/27/06	11.09	0.89	91.79	NOT SAMPLED DUE TO THE PRESENCE OF NAPL																
DPE-2	04/17/06	11.71	0.46	90.83	NOT SAMPLED DUE TO THE PRESENCE OF NAPL																
DPE-2	07/31/06	12.80	0.04	89.40	NOT SAMPLED DUE TO THE PRESENCE OF NAPL																
DPE-2	08/19/06	13.45	0.12	88.82	NOT SAMPLED DUE TO THE PRESENCE OF NAPL																

Table 2
Groundwater Gauging Data and Analytical Results
Former Texaco Service Station No. 211577
631 Queen Anne Avenue North, Seattle, WA 98109

Well ID	Date	DTW	NAPL Thickness	GWE	TPH-GRO	TPH-DRO - No Silica Gel	TPH-DRO - with Silica Gel	TPH-HO - No Silica Gel	TPH-HO - with Silica Gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead	Arsenic	Naphthalene Method 8270	Naphthalene Method 8260B
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L					**800/1,000**	**500**	**500**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**15**	**15**	**5**	**160**	**160**
DPE-2	09/15/06	13.73	0.04	88.73	NOT SAMPLED DUE TO THE PRESENCE OF NAPL																
DPE-2	09/29/06	13.86	0.03	88.59	NOT SAMPLED DUE TO THE PRESENCE OF NAPL																
DPE-2	10/17/06	13.92	0.01	88.52	NOT SAMPLED DUE TO THE PRESENCE OF NAPL																
DPE-2	10/24/06	14.50	0.30	88.17	NOT SAMPLED DUE TO THE PRESENCE OF NAPL																
DPE-2	04/17/07	15.96	--	86.47	**27,000**	--	**110,000**	--	**<9,500**	<10	2.9	14	**1,100**	--	--	--	--	--	--	--	--
DPE-2	12/04-05/07	21.52	--	80.91	600	--	**5,300**	--	<480	**150**	5.3	8.6	15	--	--	--	--	--	--	--	--
DPE-2	04/28-29/08	17.20	--	85.34	770	--	**8,100**	--	**<2,000**	2	<0.5	<0.5	0.5	--	--	--	--	--	--	--	--
DPE-2	11/04/08	14.06	--	88.48	340	--	**3,000**	--	<130	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
DPE-2	04/13-16/09	12.40	--	90.14	93	--	83	--	<72	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
DPE-2	10/12-15/09	12.77	--	89.77	330	--	230	--	<68	0.8	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
DPE-2	04/19-22/10	10.85	--	91.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-2	01/17-20/11	10.33	--	92.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-2	05/10-12/11	10.45	--	92.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-2	05/07-08/12	10.60	--	91.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-2	11/12-14/12	12.14	--	90.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-2	5/20-22/13	10.57	--	91.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-2	11/11-13/13	12.20	--	90.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-2	8/12/2020	12.53	--	123.14	**1,130**	**2,200**	**1,380**	147 J	<250	2.37	1.63	0.597 J	1.39 J	--	**<0.02**	--	<6.0	<6.0	--	<5.0 J0	--
DPE-3	10/17/06	14.49	--	89.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-3	10/26/06	14.79	--	89.14	<48	--	<80	--	<100	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
DPE-3	04/17-19/07	18.25	--	85.68	87	--	**4,900**	--	**<2,000**	<0.5	<0.5	<0.5	3.9	--	--	--	--	--	--	--	--
DPE-3	12/04/07	18.35	--	85.58	NOT SAMPLED DUE TO INSUFFICIENT WATER																
DPE-3	04/28/08	18.25	--	85.77	NOT SAMPLED DUE TO INSUFFICIENT WATER																
DPE-3	11/03/08	14.39	--	89.63	NOT SAMPLED DUE TO INSUFFICIENT WATER																
DPE-3	04/13-16/09	12.70	--	91.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-3	10/12-15/09	13.23	--	90.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-3	04/19-22/10	11.24	--	92.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-3	01/17-20/11	10.62	--	93.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-3	05/10-12/11	10.77	--	93.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-3	05/07-08/12	11.07	--	92.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-3	11/12-14/12	12.44	--	91.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-3	5/20-22/13	11.09	--	92.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-3	11/11-13/13	12.81	--	91.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-3	8/14/2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-3	8/15/2021	12.25	--	124.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-3	9/27/2023	12.91	--	123.97	86.9 B J	**2,290**	336	438	222 J	0.311	0.195 J	0.0720 J	0.672	--	--	<0.200	**17.7**	<6.00	4.49 J	<0.250	--
DPE-4	10/17/06	14.29	--	87.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-4	10/18/06	14.29	--	87.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-4	10/24/06	14.00	--	88.26	**4,900**	--	**920**	--	**1,400**	**260**	240	39	720	--	--	--	--	--	--	--	--
DPE-4	04/17-19/07	19.17	--	83.09	**12,000**	--	**6,700**	--	<1,900	**2,200**	220	400	**2,000**	--	--	--	--	--	--	--	--
DPE-4	12/04-06/07	19.42	--	82.84	210	--	330	--	<100	**44**	0.9	1	5.5	--	--	--	--	--	--	--	--
DPE-4	04/28-30/08	17.36	--	85.03	410	--	**5,200**	--	<2,500	**51**	3	2	23	--	--	--	--	--	--	--	--
DPE-4	4/30/2008	17.36	--	85.03	390	--	**2,500**	--	<2,000	**51**	3	2	23	--	--	--	--	--	--	--	--
DPE-4	11/03/08	14.14	--	88.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-4	04/13-16/09[15]	12.56	--	89.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-4	10/12-15/09	12.76	--	89.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-4	04/19-22/10	10.95	--	91.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-4	01/17-20/11	10.40	--	91.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-4	05/10-12/11	10.47	--	91.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-4	05/07-08/12	10.74	--	91.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-4	11/12-14/12	11.85	--	90.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 2
Groundwater Gauging Data and Analytical Results
Former Texaco Service Station No. 211577
631 Queen Anne Avenue North, Seattle, WA 98109

Well ID	Date	DTW	NAPL Thickness	GWE	TPH-GRO	TPH-DRO - No Silica Gel	TPH-DRO - with Silica Gel	TPH-HO - No Silica Gel	TPH-HO - with Silica Gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead	Arsenic	Naphthalene Method 8270	Naphthalene Method 8260B
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L					**800/1,000**	**500**	**500**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**15**	**15**	**5**	**160**	**160**
DPE-4	5/20-22/13	10.69	--	91.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-4	11/11-13/13	12.19	--	90.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-4	8/12/20	12.50	--	122.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-4	9/26/2023	12.20	--	122.91	120	**892**	311	301	163 J	<0.0400	0.110 J	0.0400 J	<0.260	--	--	<0.200	<6.00	--	**24.8**	0.565	--
DPE-9	10/17/06	14.92	--	88.46	--		--		--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-9	10/18/06	14.92	--	88.46	--		--		--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-9	10/24/06	13.78	--	89.60	<48		220		<100	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
DPE-9	04/17-18/07	14.13	--	89.25	<50		380		**530**	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
DPE-9	12/04/07	16.23	--	87.15	NOT SAMPLED DUE TO INSUFFICIENT WATER																
DPE-9	04/28/08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-9	11/03/08	15.06	--	88.40	NOT SAMPLED DUE TO INSUFFICIENT WATER																
DPE-9	04/13-16/09	12.30	--	91.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-9	10/12-15/09	13.56	--	89.90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-9	04/19-22/10	11.51	--	91.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-9	01/17-20/11	11.63	--	91.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-9	05/10-212/11	11.10	--	92.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-9	05/07-08/12	11.33	--	92.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-9	11/12-14/12	12.57	--	90.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-9	05/20-22/13	11.28	--	92.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-9	11/11-13/13	12.90	--	90.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-9	8/12/2020	13.38	--	122.79	62.0 BJ	117 J	<200	<250	<250	<1.0	<1.0	<1.0	<3.0	--	**<0.02**	--	<6.0	<6.0	--	<5.0 J0	--
DPE-9	8/12/2020	13.38	--	122.79	36.5 J	106 J	<200	<250	<250	<1.0	<1.0	<1.0	<3.0	--	**<0.02**	--	<6.0	<6.0	--	<5.0 J0	--
DPE-9	9/27/2023	11.93	--	124.24	32.8 B J	126 J	126 J	211 J	211 J	<0.0400	<0.200	<0.100	<0.260	--	--	<0.200	9.57	4.58 J	**16.2**	<0.250	--
MP-1	07/24/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MP-1	10/17-18/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MP-1	08/03/04	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER																
MP-1	04/17/06	4.32	--	100.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MP-1	8/13/2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MP-2	07/24/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MP-2	10/17-18/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MP-2	08/03/04	115.00	--	-17.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MP-2	04/17/06	114.56	--	-17.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MP-2	8/13/2020	116.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2/VP-3	07/07/93	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER																
MW-2/VP-3	07/24/02	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER																
MW-2/VP-3	10/17-18/02	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER																
MW-2/VP-3	01/21/03	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER																
MW-2/VP-3	04/23-24/03	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER																
MW-2/VP-3	06/30-07/01/03	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER																
MW-2/VP-3	10/01-02/03	9.05	--	95.70	NOT SAMPLED DUE TO INSUFFICIENT WATER																
MW-2/VP-3	01/21-23/04	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER																
MW-2/VP-3	04/29-30/04	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER																
MW-2/VP-3	07/15-16/04	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER																
MW-2/VP-3	08/03/04	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER																
MW-2/VP-3	10/28-11/01/04	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER																
MW-2/VP-3	01/24-31/05	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER																
MW-2/VP-3	04/18-21/05	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER																
MW-2/VP-3	07/27-28/05	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER																
MW-2/VP-3	11/08-10/05	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER																
MW-2/VP-3	04/17/06	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER																
MW-2/VP-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 2
Groundwater Gauging Data and Analytical Results
Former Texaco Service Station No. 211577
631 Queen Anne Avenue North, Seattle, WA 98109

Well ID	Date	DTW	NAPL Thickness	GWE	TPH-GRO	TPH-DRO - No Silica Gel	TPH-DRO - with Silica Gel	TPH-HO - No Silica Gel	TPH-HO - with Silica Gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead	Arsenic	Naphthalene Method 8270	Naphthalene Method 8260B
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L					**800/1,000**	**500**	**500**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**15**	**15**	**5**	**160**	**160**
MW-3/VP-7	11/03/86	12.13	--	88.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3/VP-7	09/90	11.48	--	89.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3/VP-7	03/26-28/91	10.36	--	90.12	**3,600**	--	--	--	--	**3,700**	**1,600**	**740**	**3,500**	--	<0.01	**67 J**	--	**74 J**	**92**	--	--
MW-3/VP-7	07/07/93	10.46	--	90.02	**20,000**	--	--	--	--	**4,700**	**2,000**	**910**	**3,600**	--	--	--	--	--	--	--	--
MW-3/VP-7	10/95	--	--	--	**33,000**	--	--	--	--	**11,700**	**2,330**	**1,070**	**4,130**	--	--	--	**5.6 P**	--	--	--	--
MW-3/VP-7	01/97	--	--	--	**51,000**	--	--	--	--	**12,400**	**5,200**	**990**	**5,200**	--	--	--	**9.3**	--	--	--	--
MW-3/VP-7	04/97	--	--	--	**53,000**	--	--	--	--	**11,100**	**4,800**	**1,400**	**6,600**	--	--	--	**3.4**	--	--	--	--
MW-3/VP-7	07/97	--	--	--	**37,000**	--	--	--	--	**11,000**	**3,700**	**1,500**	**7,100**	--	--	--	**4.3 J**	--	--	--	--
MW-3/VP-7	11/97	--	--	--	**34,000**	--	--	--	--	**15,900**	**3,600**	**1,500**	**6,600**	--	--	--	**5.0**	--	--	--	--
MW-3/VP-7	12/14/99	--	--	--	**73,400**	--	**3,310**	--	<500	**16,800**	**9,670**	**1,890**	**10,500**	--	--	--	--	--	--	--	--
MW-3/VP-7	06/14/00	--	--	--	**54,400**	--	**931**	--	**<1,460**	**10,000**	**8,230**	**1,380**	**7,470**	--	--	--	--	--	--	--	--
MW-3/VP-7	07/24/02	9.74	--	90.66	**60,000**	--	**5,800**	--	**580**	**8,200**	**7,000**	**1,500**	**8,300**	--	--	--	**25.0**	--	**97.3**	**420**	--
MW-3/VP-7	10/17-18/02	10.57	--	89.83	**71,600**	--	**5,160**	--	**510**	**11,100**	**5,880**	**1,940**	**10,800**	<10.0	<1.00	<1.00	2.40	--	--	--	--
MW-3/VP-7	01/21/03	10.29	--	90.11	**41,600**	--	**714**	--	<500	**9,440**	**1,470**	**1,360**	**6,190**	--	--	--	<1.00	--	--	--	--
MW-3/VP-7	04/23-24/03	--	--	--	INACCESSIBLE - VEHICLE PARKED OVER WELL																--
MW-3/VP-7	06/30-07/01/03	10.11	0.03	90.31	NOT SAMPLED DUE TO THE PRESENCE OF NAPL																
MW-3/VP-7	10/01-02/03	10.98	--	89.42	**61,000**	--	**3,800**	--	**520**	**10,000**	**4,500**	**2,000**	**10,000**	--	--	--	1.8	--	--	--	--
MW-3/VP-7	01/21-23/04	10.09	--	90.31	**1,700**	--	<250	--	<250	**660**	69	70	350	--	--	--	<1.2	--	--	--	--
MW-3/VP-7	04/29-30/04	9.96	--	90.44	<50	--	**<800**	--	**<1,000**	**28**	1.7	1.8	6.0	--	--	--	<0.99	--	--	--	--
MW-3/VP-7	07/15-16/04	10.38	--	90.02	**36,800**	--	342	--	<500	**9,900**	985	**1,270**	**2,770**	--	--	--	<1.00	--	--	--	--
MW-3/VP-7	08/03/04	10.66	--	89.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3/VP-7	10/28-11/01/04	10.76	--	89.64	100	--	**850**	--	**<1,000**	**250**	<0.5	<0.5	1.6	--	--	--	--	--	--	--	--
MW-3/VP-7	01/24-31/05	10.13	--	90.27	**21,000**	--	390	--	<250	**4,900**	**1,900**	**890**	**3,200**	--	--	--	--	--	--	--	--
MW-3/VP-7	04/18-21/05	9.97	--	90.43	**26,000**	--	**4,000**	--	<580	**5,800**	760	**1,300**	**5,100**	--	--	--	--		--		--
MW-3/VP-7	07/27-28/05	10.28	--	90.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3/VP-7	11/08-10/05	10.57	--	89.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3/VP-7	02/22/06	9.89	--	90.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3/VP-7	04/17/06	9.94	--	90.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3/VP-7	10/17/06	12.31	--	88.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3/VP-7	04/17/07	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER																
MW-3/VP-7	12/04/07	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER																
MW-3/VP-7	04/28/08	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER																
MW-3/VP-7	11/03/08	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER																
MW-3/VP-7	04/13-16/09	10.86	--	89.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3/VP-7	10/12-15/09	11.17	--	89.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3/VP-7	04/19-22/10	9.31	--	91.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3/VP-7	01/17-20/11	8.79	--	91.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3/VP-7	05/10-12/11	8.93	--	91.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3/VP-7	05/07-08/12	9.05	--	91.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3/VP-7	11/12-14/12	10.51	--	89.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3/VP-7	5/20-22/13	8.97	--	91.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3/VP-7	11/11-13/13	10.64	--	89.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3/VP-7	8/10/2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	11/03/86	13.55	--	88.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	09/90	12.87	--	89.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	03/91	11.78	--	90.30	**12,000**	--	--	--	--	**10,000**	**12,000**	**500**	**9,800**	--	--	--	**63**	--	--	--	--
MW-4	07/93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	10/95	--	--	--	**95,000**	--	--	--	--	**19,600E**	**12,000**	**2,070**	**10,800**	--	--	--	**30.6**	--	--	--	--
MW-4	01/97	--	--	--	**88,000**	--	--	--	--	**12,900**	**12,400**	**1,400**	**10,600**	--	--	--	**36.5**	--	--	--	--
MW-4	04/97	--	--	--	**100,000**	--	--	--	--	**14,300**	**14,500**	**1,700**	**11,000**	--	--	--	**20.7**	--	--	--	--
MW-4	07/97	--	--	--	**120,000**	--	--	--	--	**19,600**	**19,700**	**2,100**	**13,100**	--	--	--	**19.5**	--	--	--	--

Table 2
Groundwater Gauging Data and Analytical Results
Former Texaco Service Station No. 211577
631 Queen Anne Avenue North, Seattle, WA 98109

Well ID	Date	DTW	NAPL Thickness	GWE	TPH-GRO	TPH-DRO - No Silica Gel	TPH-DRO - with Silica Gel	TPH-HO - No Silica Gel	TPH-HO - with Silica Gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead	Arsenic	Naphthalene Method 8270	Naphthalene Method 8260B
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L					**800/1,000**	**500**	**500**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**15**	**15**	**5**	**160**	**160**
MW-4	11/97	--	--	--	**89,000**	--	--	--	--	**17,500**	**16,000**	**1,900**	**12,200**	--	--	--	**16.2**	--	--	--	--
MW-4	12/15/99	--	--	--	**73,300**	--	**3,340**	--	<500	**13,700**	**13,500**	**1,830**	**11,000**	--	--	--	**--**	--	--	--	--
MW-4	06/14/00	--	--	--	**74,400**	--	**3,390**	--	**<1,240**	**14,400**	**9,440**	**1,840**	**10,800**	--	--	--	**--**	--	--	--	--
MW-4	07/24/02	11.18	--	90.89	**83,000**	--	**10,000**	--	**680**	**11,000**	**9,900**	**1,800**	**11,000**	--	--	--	**15.5**	--	**31.0**	**500**	**360**
MW-4	10/17-18/02	11.98	--	90.09	**110,000**	--	**9,860**	--	**697**	**14,500**	**11,600**	**2,630**	**15,200**	--	--	--	10.7	--	--	--	--
MW-4	10/17-18/02	--	--	--	**92,400**	--	**7,100**	--	<500	**12,400**	**9,980**	**2,090**	**12,200**	--	--	--	9.61	--	--	--	--
MW-4	01/21/03	11.81	--	90.26	**80,000**	--	**2,540**	--	<500	**10,700**	**10,100**	**1,920**	**11,700**	--	--	--	14.5	--	--	--	--
MW-4	04/23-24/03	11.03	--	91.04	**79,300**	--	**1,680**	--	<500	**8,990**	**7,350**	**1,780**	**10,300**	--	--	--	5.74	--	--	--	--
MW-4	06/30-07/01/03	11.55	--	90.52	**108,000**	--	**3,910**	--	<500	**12,100**	**11,200**	**2,630**	**15,300**	--	--	--	7.85	--	--	--	--
MW-4	10/01-02/03	12.46	--	89.61	**100,000**	--	**3,800**	--	<500	**9,700**	**11,000**	**2,000**	**12,000**	--	--	--	7.1	--	--	--	--
MW-4	01/21-23/04	11.59	--	90.48	**93,000**	--	**62,000**	--	**2,800**	**11,000**	**10,000**	**1,800**	**12,000**	--	--	--	6.7	--	--	--	--
MW-4	04/29-30/04	11.48	--	90.59	**80,000**	--	**13,000**	--	**610**	**8,900**	**8,200**	**1,600**	**11,000**	--	--	--	14.3	--	--	--	--
MW-4	07/15-16/04	11.88	--	90.19	**100,000**	--	**943**	--	<500	**10,300**	**7,600**	**2,090**	**13,300**	--	--	--	9.06	--	--	--	--
MW-4	08/03/04	12.09	--	89.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	10/28-11/01/04	12.26	--	89.81	**71,000**	--	**7,500**	--	**<1,000**	**9,000**	**5,900**	**2,000**	**12,000**	--	--	--	--	--	--	--	--
MW-4	01/24-31/05	11.68	--	90.39	**56,000**	--	**1,500**	--	<250	**8,900**	**5,100**	**1,700**	**9,600**	--	--	--	--	--	--	--	--
MW-4	04/18-21/05	11.47	--	90.60	**64,000**	--	**3,700**	--	<510	**9,200**	**6,800**	**2,000**	**12,000**	--	--	--	--	--	--	--	--
MW-4	07/27-28/05	11.73	--	90.34	**--**	--	**--**	--	**--**	**--**	**--**	**--**	**--**	--	--	--	--	--	--	--	--
MW-4	11/08-10/05	12.12	--	89.95	**--**	--	**--**	--	**--**	**--**	**--**	**--**	**--**	--	--	--	--	--	--	--	--
MW-4	02/22/06	10.38	--	91.69	**--**	--	**--**	--	**--**	**--**	**--**	**--**	**--**	--	--	--	--	--	--	--	--
MW-4	04/17/06	11.59	--	90.48	**--**	--	**--**	--	**--**	**--**	**--**	**--**	**--**	--	--	--	--	--	--	--	--
MW-4	08/08/06	13.37	--	88.70	**23,000**	--	--	--	--	**1,500**	**870**	**750**	**4,400**	--	--	--	--	--	--	--	--
MW-4	08/19/06	13.78	0.06	88.34	NOT SAMPLED DUE TO THE PRESENCE OF NAPL																
MW-4	10/17/06	13.92	--	88.15	**--**	--	**--**	--	**--**	**--**	**--**	**--**	**--**	--	--	--	--	--	--	--	--
MW-4	04/17-18/07	15.65	--	86.42	650	--	210	--	<94	**280**	7.7	66	22	--	--	--	--	--	--	--	--
MW-4	12/04/07	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER																
MW-4	04/28/08	17.21	--	84.74	NOT SAMPLED DUE TO INSUFFICIENT WATER																
MW-4	11/10/08	13.85	--	88.10	150	--	**2,300**	--	67	**9**	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-4	04/13-16/09	12.23	--	89.72	**1,500**	--	**9,700**	--	<340	**22**	0.7	0.6	4	--	--	--	--	--	--	--	--
MW-4	10/12-15/09	12.48	--	89.47	**3,100**	--	**11,000**	--	<720	**25**	2	3	8	--	--	--	--	--	--	--	--
MW-4	04/19-22/10	10.60	--	91.35	**1,400**	--	**7,200**	--	**680**	**550**	3	8	8	--	--	--	--	--	--	--	--
MW-4	01/17-20/11	10.07	--	91.88	**1,600**	--	**4,300**	--	**1,800**	**25**	0.7	2	2	--	--	--	--	--	--	--	--
MW-4	05/10-12/11	10.19	--	91.76	**3,100**	--	**8,100**	--	**1,100**	**52**	2	3	6	--	--	--	--	--	--	--	--
MW-4	05/07-08/12	10.41	--	91.54	**1,900**	**--**	250	--	<68	**25**	0.8	2	3	--	--	--	--	--	--	--	--
MW-4	11/12-14/12	11.65	--	90.30	**2,700**	**--**	290	--	<72	**30**	0.8	2	3	--	--	--	--	--	--	--	--
MW-4	5/20-22/13	10.48	--	91.47	**2,600**	**--**	340	--	<67	**16**	0.6	2	3	--	--	--	--	--	--	--	--
MW-4	11/11-13/13	11.96	--	89.99	**1,400**	**--**	180	--	<71	**16**	0.5	0.6	3	--	--	--	--	--	--	--	--
MW-4	8/12/2020	12.17	--	122.59	550	**2,940**	**906**	**799**	141 J	4.11	0.32 J	<1.0	0.83 J	--	**<0.02**	--	<6.0	<6.0	--	<5.0 J0	--
MW-4	9/26/2023	11.92	--	122.84	58.3 J	**630**	144 B J	358	<250	0.921	0.0700 J	0.0360 J	<0.260	--	--	<0.200	**83.0**	7.98	**55.6**	2.88	--
MW-5/VP-5	11/03/86	15.15	--	88.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5/VP-5	09/90	13.49	--	89.43	**6,600**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5/VP-5	03/26-28/91	12.58	--	90.33	--	--	--	--	--	**5,300**	**1,300**	**900**	**4,600**	--	--	--	**29**	--	--	--	--
MW-5/VP-5	07/07/93	12.29	--	90.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5/VP-5	12/15/99	--	--	--	**23,400**	--	**2,490**	--	<500	**841**	191	**1,480**	**7,720**	--	--	--	--	--	--	--	--
MW-5/VP-5	06/13/00	--	--	--	**25,600**	--	**1,340**	--	**<1,120**	**793**	155	**1,380**	**5,690**	--	--	--	--	--	--	--	--
MW-5/VP-5	07/24/02	--	INACCESSIBLE - VEHICLE PARKED OVER WELL																		
MW-5/VP-5	10/17-18/02	12.31	--	90.32	**15,900**	--	**3,900**	--	<500	**318**	49.3	**880**	**1,870**	--	--	--	2.29	--	--	--	--
MW-5/VP-5	01/21/03	--	--	--	INACCESSIBLE - VEHICLE PARKED OVER WELL																
MW-5/VP-5	04/23-24/03	--	--	--	INACCESSIBLE - VEHICLE PARKED OVER WELL																
MW-5/VP-5	06/30-07/01/03	--	--	--	INACCESSIBLE - VEHICLE PARKED OVER WELL																
MW-5/VP-5	10/01-02/03	12.81	--	89.82	**22,000**	--	**1,500**	--	270	**330**	76	**1,000**	**2,200**	--	--	--	2.4	--	--	--	--

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Groundwater Gauging Data and Analytical Results
Former Texaco Service Station No. 211577
631 Queen Anne Avenue North, Seattle, WA 98109

Well ID	Date	DTW	NAPL Thickness	GWE	TPH-GRO	TPH-DRO - No Silica Gel	TPH-DRO - with Silica Gel	TPH-HO - No Silica Gel	TPH-HO - with Silica Gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead	Arsenic	Naphthalene Method 8270	Naphthalene Method 8260B
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L					**800/1,000**	**500**	**500**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**15**	**15**	**5**	**160**	**160**
MW-5/VP-5	01/21-23/04	11.91	--	90.72	**19,000**	--	**1,500**	--	310	**310**	100	**980**	**1,600**	--	--	--	1.7	--	--	--	--
MW-5/VP-5	04/29-30/04	11.80	--	90.83	**3,500**	--	**1,400**	--	400	**61**	13	190	180	--	--	--	<0.99	--	--	--	--
MW-5/VP-5	07/15-16/04	12.22	--	90.41	**7,900**	--	<250	--	<500	**58.3**	18.4	384	475	--	--	--	<1.00	--	--	--	--
MW-5/VP-5	08/03/04	12.52	--	90.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5/VP-5	10/28-11/01/04	12.57	--	90.06	**19,000**	--	**710**	--	<200	**98**	56	860	**1,600**	--	--	--	--	--	--	--	--
MW-5/VP-5	01/24-31/05	11.96	--	90.67	**16,000**	--	**910**	--	<250	**86**	60	**770**	**1,300**	--	--	--	--	--	--	--	--
MW-5/VP-5	04/18-21/05	11.75	--	90.88	**12,000**	--	**3,100**	--	<250	**39**	42	**710**	**1,200**	--	--	--	--	--	--	--	--
MW-5/VP-5	07/27-28/05	12.05	--	90.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5/VP-5	11/08-10/05	12.42	--	90.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5/VP-5	02/22/06	10.62	--	92.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5/VP-5	04/17/06	11.56	--	91.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5/VP-5	10/17/06	14.03	--	88.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5/VP-5	04/17/07	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER																
MW-5/VP-5	12/04/07	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER																
MW-5/VP-5	04/28/08	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER																
MW-5/VP-5	11/04/08	14.30	--	88.33	110	--	160	--	<66	<0.5	<0.5	<0.5	0.8	--	--	--	--	--	--	--	--
MW-5/VP-5	04/13-16/09	13.56	--	89.07	99	--	**860**	--	130	<0.5	<0.5	0.7	2	--	--	--	--	--	--	--	--
MW-5/VP-5	10/12-15/09	12.92	--	89.71	380	--	**1,900**	--	**2,100**	1	0.6	0.9	2	--	--	--	--	--	--	--	--
MW-5/VP-5	04/19-22/10	11.02	--	91.61	120	--	200	--	<73	0.7	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-5/VP-5	01/17-20/11	10.47	--	92.16	<50	--	140	--	360	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-5/VP-5	05/10-12/11	10.58	--	92.05	80	--	310	--	<67	0.8	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-5/VP-5	05/07-08/12	10.75	--	91.88	<50	--	<30	--	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-5/VP-5	11/12-14/12	12.42	--	90.21	<50	--	33	--	<68	1	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-5/VP-5	5/20-22/13	10.89	--	91.74	<50	--	38	--	<68	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-5/VP-5	11/11-13/13	12.36	--	90.27	94	--	<30	--	<71	0.9	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-5/VP-5	8/12/2020	12.78	--	122.66	174 B	275	132 J	153 J	91.9 J	0.252 J	<1.0	<1.0	<1.0	--	**<0.02**	--	<6.0	<6.0	--	<5.0 J0	--
MW-5/VP-5	9/25/2023	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7/VP-8	11/03/86	14.22	Trace	91.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7/VP-8	09/90	13.30	--	91.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7/VP-8	03/26-28/91	12.02	--	92.86	**7,100**	--	--	--	--	**280**	510	130	**1,100**	--	--	<50	**24**	--	--	--	--
MW-7/VP-8	07/93	12.23	--	92.65	--	--	--	--	--	**220**	210	61	480	--	--	--	--	--	--	--	--
MW-7/VP-8	10/95	--	--	--	**3,100**	--	--	--	--	2.5	1.2	3	16	--	--	--	3.4 P	--	--	--	--
MW-7/VP-8	01/97	--	--	--	**8,000**	--	--	--	--	**816**	824	26	594	--	--	--	**37**	--	--	--	--
MW-7/VP-8	04/97	--	--	--	**18,000**	--	--	--	--	**605**	786	119	**1,774**	--	--	--	**24.6**	--	--	--	--
MW-7/VP-8	07/97	--	--	--	**9,100 J**	--	--	--	--	**96**	246	52	980	--	--	--	**23**	--	--	--	--
MW-7/VP-8	11/97	--	--	--	**830 J**	--	--	--	--	**5.6**	7	11	32.6	--	--	--	**12.7**	--	--	--	--
MW-7/VP-8	12/15/99	--	--	--	**7,640**	--	**2,780**	--	<500	**540**	927	201	**1,430**	--	--	--	--	--	--	--	--
MW-7/VP-8	06/13/00	--	--	--	233	--	**2,280**	--	**<1,100**	1.10	1.81	1.95	7.99	--	--	--	--	--	--	--	--
MW-7/VP-8	07/24/02	11.70	--	93.18	**1,500**	--	**1,800**	--	420	9.4	9.2	34	50	--	--	--	11.4	--	2.1	<5.0	--
MW-7/VP-8	10/17-18/02	12.78	--	92.10	552	--	**1,830**	--	<500	**9.75**	1.45	4.25	5.73	--	--	--	1.93	--	--	--	--
MW-7/VP-8	01/21/03	12.63	--	92.25	**1,910**	--	**1,120**	--	<500	**139**	291	59.1	216	--	--	--	8.33	--	--	--	--
MW-7/VP-8	04/23-24/03	10.72	--	94.16	700	--	**800**	--	<500	**65.6**	35.7	22.9	69.8	--	--	--	3.73	--	--	--	--
MW-7/VP-8	06/30-07/01/03	12.45	--	92.43	379	--	**939**	--	<500	2.68	1.57	3.70	4.69	--	--	--	2.06	--	--	--	--
MW-7/VP-8	10/01-02/03	13.49	--	91.39	290	--	**19,000**	--	**2,100**	3.4	1.2	5.8	11	--	--	--	2.40	--	--	--	--
MW-7/VP-8	01/21-23/04	12.16	--	92.72	89	--	**3,400**	--	**620**	<0.5	<0.5	<0.5	<1.5	--	--	--	3.20	--	--	--	--
MW-7/VP-8	04/29-30/04	11.91	--	92.97	460	--	**620**	--	<250	0.6	<0.5	1.6	<3.0	--	--	--	<0.99	--	--	--	--
MW-7/VP-8	07/15-16/04	12.76	--	92.12	430	--	**528**	--	<500	0.985	<0.500	1.50	2.40	--	--	--	<1.00	--	--	--	--
MW-7/VP-8	08/03/04	12.94	--	91.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7/VP-8	10/28-11/01/04	13.09	--	91.79	210	--	**130,000**	--	**<20,000**	2.7	0.7	2.6	9.9	--	--	--	--	--	--	--	--
MW-7/VP-8	01/24-31/05	12.49	--	92.39	450	--	<250	--	<250	**5.1**	9.9	3.2	21	--	--	--	--	--	--	--	--
MW-7/VP-8	04/18-21/05	12.30	--	92.58	240	--	<250	--	<250	0.9	<0.5	6.2	4.7	--	--	--	--	--	--	--	--

Table 2
Groundwater Gauging Data and Analytical Results
Former Texaco Service Station No. 211577
631 Queen Anne Avenue North, Seattle, WA 98109

Well ID	Date	DTW	NAPL Thickness	GWE	TPH-GRO	TPH-DRO - No Silica Gel	TPH-DRO - with Silica Gel	TPH-HO - No Silica Gel	TPH-HO - with Silica Gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead	Arsenic	Naphthalene Method 8270	Naphthalene Method 8260B
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L					**800/1,000**	**500**	**500**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**15**	**15**	**5**	**160**	**160**
MW-7/VP-8	07/27-28/05	12.59	--	92.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7/VP-8	11/08-10/05	13.12	--	91.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7/VP-8	02/22/06	11.05	--	93.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7/VP-8	04/17/06	12.40	--	92.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7/VP-8	08/08/06	14.00	--	90.88	380		--		--	<2.0	0.9	2.8	6.5				--		--		--
MW-7/VP-8	04/17-18/07	15.21	--	89.67	270		--		--	1.8	0.8	1.1	2.9				--		--		--
MW-7/VP-8	12/04/07	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER																
MW-7/VP-8	04/28-29/08	15.23	--	89.65	390		<76		<95	<0.5	<0.5	<0.5	<0.5				--		--		--
MW-7/VP-8	12/11/2008	13.98	--	90.90	370		71		<74	<0.5	<0.5	<0.5	<0.5				--		--		--
MW-7/VP-8	04/13-16/09	12.45	--	92.43	**1,100**		180		<71	<0.5	<0.5	<0.5	<0.5				--		--		--
MW-7/VP-8	10/12-15/09	13.10	--	91.78	200		89		<70	<0.5	<0.5	<0.5	<0.5				--		--		--
MW-7/VP-8	04/19-22/10	11.15	--	93.73	190		**970**		210	<0.5	<0.5	<0.5	<0.5				--		--		--
MW-7/VP-8	01/17-20/11	10.28	--	94.60	<50		460		**660**	<0.5	<0.5	<0.5	<0.5				--		--		--
MW-7/VP-8	05/10-12/11	10.71	--	94.17	220		140		<69	<0.5	<0.5	<0.5	<0.5				--		--		--
MW-7/VP-8	05/07-08/12	11.03	--	93.85	<50	--	76	--	<72	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-7/VP-8	11/12-14/12	12.38	--	92.50	84	--	**770**	**--**	150	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-7/VP-8	5/20-22/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7/VP-8	11/11-13/13	12.97	--	91.91	<50	--	330	--	190	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-7/VP-8	8/12/2020	14.34	--	123.39	267 B	226	148 J	86.1 J	112 J	0.159 J	<1.0	<1.0	<3.0	--	**<0.02**	--	<6.0	<6.0	--	<5.0 J0	--
MW-7/VP-8	9/26/2023	12.99	--	124.74	135	<200	<200	85.2 J	85.2 J	0.307	<0.200	<0.100	<0.260	--	--	0.607	<6.00	--	**<10.0**	<0.250	--
MW-10	03/26-28/91	13.14	--	102.61	--	--	--	--	--	<5	<5	<5	<5	--	--	--	--	12 J	**21**	--	--
MW-10	7/7/93	13.81	--	101.94	380	--	--	--	--	**13**	<5.0	11	24	--	--	--	--	--	--	--	--
MW-10	10/1/95	--	--	--	780	--	--	--	--	1.8	2.9	0.82 J	5.6	--	--	--	--	--	--	--	--
MW-10	1/1/97	--	--	--	180	--	--	--	--	1.5	<1	<1	<2	--	--	--	--	--	--	--	--
MW-10	4/1/97	--	--	--	420	--	--	--	--	**5.1**	1	<1	2.0 J	--	--	--	--	--	--	--	--
MW-10	7/1/97	--	--	--	**1,100**	--	--	--	--	**10**	2.1	2.4	4.34 J	--	--	--	--	--	--	--	--
MW-10	11/1/97	--	--	--	**1,000**	--	--	--	--	4.2	2	4.8	2.2 J	--	--	--	--	--	--	--	--
MW-10	12/15/99	--	--	--	618	353	--	<500	--	**7.02**	<0.910	<0.850	<4.22	--	--	--	--	<1.00	--	--	--
MW-10	6/14/00	--	--	--	99.2	<250	--	<500	--	1.56	ND	ND	ND	--	--	--	--	--	--	--	--
MW-10	07/24/02	13.14	--	135.02	240	320	--	**600**	--	2.5	<0.500	<1.0	<1.5	--	--	--	--	1.30	4.1	--	--
MW-10	10/17-18/02	13.59	--	134.57	490	**667**	--	<500	--	3.42	<0.500	1.34	5.00	--	--	--	--	<1.00	--	--	--
MW-10	1/21/03	12.46	--	135.70	416	<250	--	<500	--	3.44	0.55	0.519	3.24	--	--	--	--	<1.00	--	--	--
MW-10	04/23-24/03	11.76	--	136.40	<50	--	--	--	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	<1.00	--	--	--
MW-10	06/30-07/01/03	12.91	--	135.25	255	<250	--	<500	--	2.01	<0.5	0.535	2.53	--	--	--	--	<1.00	--	--	--
MW-10	10/01-02/03	13.68	--	134.48	190	<250	--	<250	--	2.6	<0.5	0.5	<3.0	--	--	--	--	<1.2	--	--	--
MW-10	01/21-23/04	11.99	--	136.17	<50	<250	--	<250	--	<0.5	<0.5	<0.5	<1.5	--	--	--	--	<1.2	--	--	--
MW-10	04/29-30/04	13.23	--	134.93	<50	<250	--	<250	--	1.5	<0.5	<0.5	<1.5	--	--	--	--	<0.99	--	--	--
MW-10	07/15-16/04	13.44	--	134.72	362	<250	--	<500	--	2.75	<0.50	0.549	3.45	--	--	--	--	<1.00	--	--	--
MW-10	10/21-11/01/04	13.31	--	134.85	210	<82	--	<500	--	4.1	<0.5	1.2	2.1	--	--	--	--	--	--	--	--
MW-10	01/24-31/05	12.36	--	135.80	<50	<250	--	<250	--	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-10	04/17-19/07	13.05	--	135.11	100	<75	--	<94	--	1.4	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-10	12/04-05/07	14.33	--	133.83	150	<78	--	<98	--	2.0	<2.0	0.9	<5.0	--	--	--	--	--	--	--	--
MW-10	04/28-05/01/08	12.71	--	135.45	<50	<77	--	<97	--	0.8	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-10	11/10/08	12.66	--	135.50	<50	<30	--	<69	--	0.7	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-10	04/13-16/09	12.11	--	136.05	<50	<29	--	<67	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-10	10/12-15/09	12.23	--	135.93	<50	<29	--	<67	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-10	04/19-22/10	11.93	--	136.23	<50	<31	--	<73	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-10	01/17-20/11	10.62	--	137.54	<50	<59	--	250	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-10	05/10-12/11	12.02	--	136.14	<50	<30	--	<69	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-10	05/07-08/12	11.92	--	136.24	<50	<30	--	<70	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-10	11/12-14/12	12.28	--	135.88	180	<30	--	230	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-10	05/20-22/13	12.35	--	135.81	<50	<29	--	<68	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-10	11/11-13/13	12.54	--	135.62	<50	<31	--	<73	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-10	4/6/17	11.43	--	136.73	<100	--	--	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--
MW-10	11/13/18	13.33	--	134.83	<100	<50	--	<250	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--

Table 2
Groundwater Gauging Data and Analytical Results
Former Texaco Service Station No. 211577
631 Queen Anne Avenue North, Seattle, WA 98109

Well ID	Date	DTW	NAPL Thickness	GWE	TPH-GRO	TPH-DRO - No Silica Gel	TPH-DRO - with Silica Gel	TPH-HO - No Silica Gel	TPH-HO - with Silica Gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead	Arsenic	Naphthalene Method 8270	Naphthalene Method 8260B
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L					**800/1,000**	**500**	**500**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**15**	**15**	**5**	**160**	**160**
MW-10	11/11-13/13	12.54	--	102.74	<50	<31	--	<73	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-10	5/20-22/13	12.35	--	102.93	<50	<29	--	<68	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-10	11/12-14/12	12.28	--	103.00	180	<30	--	230	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-10	5/7-8/12	11.92	--	103.36	<50	<30	--	<70	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-10	8/13/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	6/18/21	12.80	--	102.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	9/28/2023	14.20	--	101.08	35.2 B J	131 J	131 J	174 J	174 J	<0.0400	0.143 J	0.0580 J	0.351	--	--	<0.200	<6.00	--	**<10.0**	<0.250	--
MW-10 (DUP)	--	--	--	--	34.7 B J	<200	<200	113 J	113 J	<0.0400	0.119 J	0.0530 J	0.271			<0.200	<6.00	--	<10.0	<0.250	--
MW-11	03/26-28/91	11.70	--	85.62	**<1,000**	--	--	--	--	<5	<5	<5	<5	--	--	--	11 J	--	--	--	--
MW-11	07/24/02	11.16	--	--	<50	--	<250	--	<250	<0.50	<0.50	<0.50	<1.5	--	--	--	--	<1.2	--	<5.0	<2.0
MW-11	10/17-18/02	11.43	--	--	<50.0	--	<250	--	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	--	<1.00	--	--	--
MW-11	01/21/03	11.29	--	--	<50.0	--	<250	--	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	--	<1.00	--	--	--
MW-11	04/23-24/03	11.09	--	--	<50.0	--	<250	--	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	--	<1.00	--	--	--
MW-11	06/30-07/01/03	11.39	--	--	<50.0	--	<250	--	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	--	<1.00	--	--	--
MW-11	10/01-02/03	12.10	--	--	<50	--	<250	--	<250	<0.5	<0.5	<0.5	<1.5	--	--	--	--	<1.2	--	--	--
MW-11	01/21-23/04	11.69	--	--	<50	--	<250	--	<250	<0.5	<0.5	<0.5	<1.5	--	--	--	--	<1.2	--	--	--
MW-11	04/29-30/04	11.41	--	--	<50	--	<250	--	<250	<0.5	<0.5	<0.5	<1.5	--	--	--	--	<0.99	--	--	--
MW-11	07/15-16/04	11.58	--	--	<50.0	--	<250	--	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	--	<1.00	--	--	--
MW-11	08/03/04	11.65	--	85.67	--	--	NOT			--	--	--	--	--	--	--	--	--	--	--	--
MW-11	10/28-11/01/04	11.73	--	85.59	<50	--	<78		<98	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-11	01/24-31/05	11.35	--	85.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	04/18-21/05	11.41	--	85.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	07/27-28/05	11.44	--	85.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	11/08-10/05	11.52	--	85.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	04/17/06	11.29	--	86.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	08/08/06	11.26	--	86.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	10/17/06	11.39	--	85.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	04/17/07	11.29	--	86.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	12/04/07	--	--	--	NOT SAMPLED, OBSTRUCTION IN WELL AT 10.98 FEET BGS																
MW-11	04/28/08	--	--	--	NOT SAMPLED, OBSTRUCTION IN WELL AT 11.01 FEET BGS																
MW-11	11/03/08	--	--	--	NOT SAMPLED, OBSTRUCTION IN WELL AT 11 FEET BGS																
MW-11	04/13-16/09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	10/12-15/09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	04/19-22/10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	01/17-20/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	05/10-12/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	05/07-08/12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	11/12-14/12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	5/20-22/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	11/11-13/13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	8/14/2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	10/17-18/02	12.22	--	101.14	<50.0	--	<250	--	<500	0.516	0.869	<0.500	<1.00	--	--	--	--	--	--	<10.0	<1.0
MW-12	01/21/03	11.72	--	101.64	<50.0	--	<250	--	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	--	<1.00	--	--	--
MW-12	04/23-24/03	11.04	--	102.32	<50.0	--	<250	--	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	--	<1.00	--	--	--
MW-12	06/30-07/01/03	11.32	--	102.04	**1,040**	--	**1,690**	--	<500	2.91	1.05	10.0	26.5	--	--	--	--	<1.00	--	--	--
MW-12	10/01-02/03	12.12	--	101.24	69	--	470	--	<250	1.2	<0.5	<0.5	<1.5	--	--	--	--	<1.2	--	--	--
MW-12	01/21-23/04	10.02	--	103.34	<50	--	**1,500**	--	**5,700**	<0.5	<0.5	<0.5	<1.5	--	--	--	--	<1.2	--	--	--
MW-12	04/29-30/04	10.59	--	102.77	<50	--	260	--	440	<0.5	<0.5	<0.5	<1.5	--	--	--	--	<0.99	--	--	--
MW-12	07/15-16/04	11.44	--	101.92	<50.0	--	<250	--	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	--	<1.00	--	--	--
MW-12	08/03/04	12.55	--	100.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	10/28-11/01/04	12.03	--	101.33	<50		<250		<250	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-12	01/24-31/05	12.22	--	101.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 2
Groundwater Gauging Data and Analytical Results
Former Texaco Service Station No. 211577
631 Queen Anne Avenue North, Seattle, WA 98109

Well ID	Date	DTW	NAPL Thickness	GWE	TPH-GRO	TPH-DRO - No Silica Gel	TPH-DRO - with Silica Gel	TPH-HO - No Silica Gel	TPH-HO - with Silica Gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead	Arsenic	Naphthalene Method 8270	Naphthalene Method 8260B
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L					**800/1,000**	**500**	**500**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**15**	**15**	**5**	**160**	**160**
MW-12	04/18-21/05	12.27	--	101.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	07/27-28/05	12.31	--	101.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	11/08-10/05	12.29	--	101.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	02/22/06	10.70	--	102.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	04/17/06	11.53	--	101.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	10/17/06	12.60	--	100.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	04/17/07	12.14	--	101.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	12/04/07	12.38	--	100.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	04/28/08	12.05	--	101.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	11/03/08	12.16	--	101.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	04/13-16/09	11.71	--	101.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	10/12-15/09	11.99	--	101.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	04/19-22/10	11.28	--	102.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	01/17-20/11	11.02	--	102.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	05/10-12/11	11.43	--	101.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	05/07-08/12	10.90	--	102.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	11/12-14/12	11.10	--	102.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	5/20-22/13	11.24	--	102.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	11/11-13/13	11.29	--	102.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	8/14/2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	10/17-18/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	11/14/02	11.88	--	89.76	**43,100**	--	**4,710**	--	<500	**9,900**	**4,930**	**1,540**	**6,020**	--	--	--	--	1.82	**17**	**242**	--
MW-14	01/21/03	--	--	--	INACCESSIBLE - VEHICLE PARKED OVER WELL																
MW-14	04/23-24/03	--	--	--	INACCESSIBLE - VEHICLE PARKED OVER WELL																
MW-14	06/30-07/01/03	--	--	--	INACCESSIBLE - VEHICLE PARKED OVER WELL																
MW-14	10/01-02/03	--	--	--	INACCESSIBLE - VEHICLE PARKED OVER WELL																
MW-14	10/14/03	--	--	--	**69,000**	--	**2,100**	--	130	**12,000**	**9,900**	**1,600**	**7,900**	--	--	--	--	--	--	--	--
MW-14	01/21-23/04	--	--	--	INACCESSIBLE - VEHICLE PARKED OVER WELL																
MW-14	04/29-30/04	11.12	--	90.52	**27,000**	--	**1,500**	--	<250	**4,800**	**2,500**	**910**	**3,300**	--	--	--	--	<0.99	--	--	--
MW-14	07/15-16/04	11.46	--	90.18	**61,800**	--	**836**	--	<500	**10,400**	**5,550**	**1,350**	**5,890**	--	--	--	--	<1.00	--	--	--
MW-14	10/26-27/04	--	--	--	**57,000**	--	<800	--	**<1,000**	**13,000**	11,000	1,500	**8,300**	--	--	--	--	--	--	--	--
MW-14	10/28-11/01/04	11.94	--	89.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	01/24-31/05	11.37	--	90.27	**24,000**	--	470	--	<250	**4,400**	**2,300**	**760**	**3,300**	--	--	--	--	--	--	--	--
MW-14	04/18-21/05	11.19	--	90.45	**23,000**	--	**1,500**	--	<250	**5,000**	**2,500**	**860**	**3,700**	--	--	--	--	--	--	--	--
MW-14	07/27-28/05	11.36	--	90.28	**24,000**	--	**2,300**	--	<250	**5,000**	**2,200**	**760**	**3,300**	--	--	--	--	--	--	--	--
MW-14	11/08-10/05	11.82	--	89.82	**37,000**	--	**2,600**	--	<520	**8,900**	**4,600**	**1,100**	**4,900**	--	--	--	--	--	--	--	--
MW-14	04/17/06	11.26	--	90.30	**40,000**	--	**1,900**	--	<100	**4,400**	**3,300**	**1,300**	**7,200**	--	--	--	--	--	--	--	--
MW-14	08/08/06	13.10	--	88.46	**52,000**	--	**6,800**	--	**<1,000**	**4,200**	**3,900**	**1,500**	**8,600**	--	--	--	--	--	--	--	--
MW-14	10/17/06	13.65	--	87.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	04/17/07	15.54	--	86.02	**11,000**	--	**1,600**	--	<100	**920**	120	590	**1,300**	--	--	--	--	--	--	--	--
MW-14	12/04/07	17.99	--	83.57	**3,300**	--	**3,400**	--	<470	**48**	5.6	200	16	--	--	--	--	--	--	--	--
MW-14	04/28/08	16.92	--	84.64	**1,200**	--	**1,400**	--	<99	**61**	4	140	21	--	--	--	--	--	--	--	--
MW-14	11/04/08	13.66	--	87.90	**8,400**	--	**2,900**	--	<130	**38**	3	44	6	--	--	--	--	--	--	--	--
MW-14	04/13-16/09	12.03	--	89.53	**6,200**	--	**8,800**	--	<660	**15**	3	11	4	--	--	--	--	--	--	--	--
MW-14	10/12-15/09	12.21	--	89.35	**4,000**	--	**5,200**	--	<700	**13**	2	8	3	--	--	--	--	--	--	--	--
MW-14	04/19-22/10	10.41	--	91.15	**1,600**	--	**3,200**	--	350	**16**	2	7	2	--	--	--	--	--	--	--	--
MW-14	01/17-20/11	9.94	--	91.62	**3,000**	--	**3,300**	--	**840**	**12**	2	3	2	--	--	--	--	--	--	--	--
MW-14	05/10-12/11	9.87	--	91.69	**3,400**	--	**2,500**	--	350	**11**	3	3	8	--	--	--	--	--	--	--	--
MW-14	05/07-08/12	10.17	--	91.39	**6,600**	--	**550**	--	<67	**14**	5	25	120	--	--	--	--	--	--	--	--
MW-14	11/12-14/12	11.41	--	90.15	**4,500**	--	**500**	--	<70	**13**	5	18	110	--	--	--	--	--	--	--	--

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Former Texaco Service Station No. 211577
631 Queen Anne Avenue North, Seattle, WA 98109

Well ID	Date	DTW	NAPL Thickness	GWE	TPH-GRO	TPH-DRO - No Silica Gel	TPH-DRO - with Silica Gel	TPH-HO - No Silica Gel	TPH-HO - with Silica Gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead	Arsenic	Naphthalene Method 8270	Naphthalene Method 8260B
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L					**800/1,000**	**500**	**500**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**15**	**15**	**5**	**160**	**160**
MW-14	5/20-22/13	10.16	--	91.40	**6,900**	--	320	--	<69	**15**	4	20	91	--	--	--	--	--	--	--	--
MW-14	11/11-13/13	11.69	--	89.87	**5,800**	--	280	--	<71	**10**	4	12	57	--	--	--	--	--	--	--	--
MW-14	8/14/2020	11.55	--	90.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	9/26/2023	11.62	--	89.94	448 B	**977**	305	354	99.7 J	0.949	0.898	0.147	1.31	--	--	<0.200	<6.00	--	**34.8**	1.87	--
MW-15	10/17-18/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	11/14/02	9.44	--	89.59	**3,280**	--	**780**	--	<500	**1,640**	5.23	5.06	<10.0	--	--	--	--	1.04	1.33	<10.0	--
MW-15	01/21/03	9.29	--	89.74	<50.0	--	<250	--	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	--	<1.00	--	--	--
MW-15	04/23-24/03	--	--	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	06/30-07/01/03	--	--	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	10/01-02/03	9.72	--	89.31	**810**	--	410	--	<250	**1,700**	60	48	110	--	--	--	--	<1.2	--	--	--
MW-15	01/21-23/04	8.94	--	90.09	<50	--	<250	--	<250	<0.5	<0.5	<0.5	<1.5	--	--	--	--	<1.2	--	--	--
MW-15	04/29-30/04	8.19	--	90.84	<50	--	**700**	--	390	<0.5	<0.5	<0.5	<1.5	--	--	--	--	<0.99	--	--	--
MW-15	07/15-16/04	--	--	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	08/03/04	13.82	--	85.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	10/26-27/04	--	--	--	**1,700**	--	**<800**	--	**<1,000**	**230**	99	99	260	--	--	--	--	--	--	--	--
MW-15	10/28-11/01/04	9.65	--	89.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	01/24-31/05	9.00	--	90.03	<50	--	<250	--	<250	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-15	04/18-21/05	8.98	--	90.05	<50	--	<250	--	<250	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-15	07/27-28/05	9.31	--	89.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	11/08-10/05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	02/22/06	8.21	--	90.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	04/17/06	8.67	--	90.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	10/18/06	11.12	--	87.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	04/17/07	13.81	--	85.22	<50	--	<82	--	<100	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-15	12/04/07	16.46	--	82.57	<50	--	<76	--	<95	0.9	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-15	04/28/08	14.68	--	84.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	12/11/08[17]	11.35	--	87.68	<50	--	<28	--	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-15	04/13-16/09	9.79	--	89.24	<50	--	<28	--	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-15	10/12-15/09	10.11	--	88.92	<50	--	**980**	--	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-15	04/19-22/10	8.85	--	90.18	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-15	01/17-20/11	8.02	--	91.01	<50	--	100	--	370	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-15	05/10-12/11	7.76	--	91.27	<50	--	<32	--	<75	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-15	05/07-08/12	8.00	--	91.03	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-15	11/12-14/12	9.10	--	89.93	<50	--	<30	--	<70	2	<0.5	<0.5	0.6	--	--	--	--	--	--	--	--
MW-15	5/20-22/13	7.99	--	91.04	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-15	11/11-13/13	9.52	--	89.51	<50	--	<31	--	<72	0.6	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-15	8/14/2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	6/18/2021	8.46	--	90.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	9/27/2023	8.81	--	90.22	121 B	411	86.9 J	362	155 J	0.983	0.197 J	0.0710 J	0.441	--	--	<0.200	<6.00	--	**<10.0**	<0.250	--
MW-16	10/17-18/02	--	--	--	--		--		--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	11/14/02	12.36	--	89.47	<50.0		<250		<500	<0.500	<0.500	<0.500	<1.00	--	--	--	--	<1.00	--	--	--
MW-16	01/21/03	11.88	--	89.95	<50.0		<250		<500	<0.500	<0.500	<0.500	<1.00	--	--	--	--	<1.00	--	--	--
MW-16	04/23-24/03	--	--	--	INACCESSIBLE - VEHICLE PARKED OVER WELL																
MW-16	06/30-07/01/03	--	--	--	INACCESSIBLE - VEHICLE PARKED OVER WELL																
MW-16	10/01-02/03	--	--	--	INACCESSIBLE - VEHICLE PARKED OVER WELL																
MW-16	10/14/03	--	--	--	740	--	<160	--	<200	**26**	1.0	3.8	3.6	--	--	--	--	--	--	--	--
MW-16	01/21-23/04	--	--	--	INACCESSIBLE - VEHICLE PARKED OVER WELL																
MW-16	04/29-30/04	--	--	--	INACCESSIBLE - VEHICLE PARKED OVER WELL																
MW-16	05/03/04	--	--	--	150	--	<75	--	<94	2.1	<0.5	1.7	<1.5	--	--	--	--	--	--	--	--
MW-16	07/15-16/04	11.89	--	89.94	<50.0	--	<250	--	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	--	<1.00	--	--	--
MW-16	08/03/04	12.03	--	89.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Well ID	Date	DTW	NAPL Thickness	GWE	TPH-GRO	TPH-DRO - No Silica Gel	TPH-DRO - with Silica Gel	TPH-HO - No Silica Gel	TPH-HO - with Silica Gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead	Arsenic	Naphthalene Method 8270	Naphthalene Method 8260B
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L					**800/1,000**	**500**	**500**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**15**	**15**	**5**	**160**	**160**
MW-16	10/26-27/04	--	--	--	220	--	<800	--	<1,000	9.1	1.1	5.7	2.3	--	--	--	--	--	--	--	--
MW-16	10/28-11/01/04	12.42	--	89.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	01/24-31/05	11.91	--	89.92	210	--	<250	--	<250	8.4	1	6.0	3.2	--	--	--	--	--	--	--	--
MW-16	04/18-21/05	11.69	--	90.14	<50	--	<250	--	<250	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-16	07/27-28/05	11.81	--	90.02	<50	--	<250	--	<250	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-16	11/08-10/05	12.36	--	89.47	<48	--	<79	--	<99	0.9	<0.5	0.7	<1.5	--	--	--	--	--	--	--	--
MW-16	04/17/06	11.59	--	90.16	<48	--	<81	--	100	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-16	08/08/06	13.33	--	88.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	10/17/06	14.08	--	87.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	04/17/07	16.24	--	85.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	12/04/07	18.33	--	83.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	04/28-05/02/08	17.49	--	84.26	<50	--	<79	--	<99	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-16	11/06/08	14.13	--	87.62	<50	--	<28	--	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-16	04/13-16/09	12.48	--	89.27	<50	--	<31	--	<72	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-16	10/12-15/09	12.65	--	89.10	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-16	04/19-22/10	10.85	--	90.90	<50	--	<31	--	<73	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-16	01/17-20/11	10.25	--	91.50	<50	--	53	--	290	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-16	05/10-12/11	10.24	--	91.51	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-16	05/07-08/12	10.55	--	91.20	<50	--	<30	--	<71	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-16	11/12-14/12	11.80	--	89.95	<50	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-16	5/20-22/13	10.63	--	91.12	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-16	11/11-13/13	12.12	--	89.63	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-16	08/09/19	12.11	--	122.47	<31.6	<66.7	--	<83.3	--	<0.0896	<0.412	--	--	--	--	--	--	--	**<6.5**	--	--
MW-16	8/12/2020	12.03	--	122.55	52.5 B J	<200	<200	<250	<250	<1.0	<1.0	<1.0	<3.0	--	**<0.02**	--	<6.0	<6.0	--	<5.0 J0	--
MW-16	9/27/2023	12.01	--	122.57	33.8 B J	<200	<200	133 J	133 J	<0.0400	0.198 J	0.0710 J	0.431	--	--	<0.200	<6.00	--	**<10.0**	<0.250	--
MW-17	10/17-18/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	11/14/02	10.00	--	89.29	**2,780**	--	<250	--	<500	**569**	31.0	91.1	250	--	--	--	--	<1.00	--	--	--
MW-17	01/21/03	9.62	--	89.67	<50.0	--	<250	--	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	--	<1.00	--	--	--
MW-17	04/23-24/03	--	--	--	INACCESSIBLE - VEHICLE PARKED OVER WELL																
MW-17	06/30-07/01/03	--	--	--	INACCESSIBLE - VEHICLE PARKED OVER WELL																
MW-17	10/01-02/03	10.30	--	88.99	**1,100**	--	<250	--	<250	**420**	69	38	130	--	--	--	--	<1.2	--	--	--
MW-17	01/21-23/04	9.48	--	89.81	<50	--	<250	--	<250	1.6	<0.5	<0.5	<1.5	--	--	--	--	<1.2	--	--	--
MW-17	04/29-30/04	--	--	--	INACCESSIBLE - VEHICLE PARKED OVER WELL																
MW-17	05/03/04	--	--	--	**2,300**	--	190	--	<95	**370**	20	89	100	--	--	--	--	--	--	--	--
MW-17	07/15-16/04	9.81	--	89.48	**1,310**	--	<250	--	<500	**171**	8.98	43.1	83.5	--	--	--	--	**23.7**	--	--	--
MW-17	08/03/04	9.90	--	89.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	10/28-11/01/04	10.11	--	89.18	**5,600**	--	<400	--	<500	**1,900**	280	230	700	--	--	--	--	--	--	--	--
MW-17	01/24-31/05	9.42	--	89.87	310	--	<250	--	<250	**160**	4.9	17	27	--	--	--	--	--	--	--	--
MW-17	02/17/05	9.37	--	89.92	**1,000**	--	<76	--	<95	**320**	12	41	52	--	--	--	--	--	--	--	--
MW-17	04/18-21/05	9.32	--	89.97	<50	--	<250	--	**750**	**18**	0.6	<0.5	<3.0	--	--	--	--	--	--	--	--
MW-17	07/27-28/05	9.64	--	89.65	730	--	<250	--	<250	**230**	9.3	17	26	--	--	--	--	--	--	--	--
MW-17	11/08-10/05	9.98	--	89.31	110	--	<76	--	<95	**65**	2.0	1.5	4.9	--	--	--	--	--	--	--	--
MW-17	04/17-19/06	9.26	--	90.03	<48	--	<79	--	<98	0.7	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-17	08/08/06	10.98	--	88.31	**1,200**	--	--	--	--	**400**	41	39	130	--	--	--	--	--	--	--	--
MW-17	10/17/06	11.65	--	87.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	04/17/07	14.21	--	85.08	**4,500**	--	490	--	<100	**1,100**	26	300	350	--	--	--	--	--	--	--	--
MW-17	12/04/07	17.02	--	82.27	690	--	95	--	<96	**42**	2.4	58	55	--	--	--	--	--	--	--	--
MW-17	04/28-05/01/08	15.2416	--	84.05	190	--	<82	--	<100	**32**	<0.5	19	0.6	--	--	--	--	--	--	--	--
MW-17	11/06/08	11.73	--	87.56	67	--	160	--	<70	**22**	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-17	11/6/2008	11.73	--	87.56	110	--	150	--	<66	**30**	0.6	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-17	04/13-16/09	10.15	--	89.14	<50	--	150	--	<77	5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--

Table 2
Groundwater Gauging Data and Analytical Results
Former Texaco Service Station No. 211577
631 Queen Anne Avenue North, Seattle, WA 98109

Well ID	Date	DTW	NAPL Thickness	GWE	TPH-GRO	TPH-DRO - No Silica Gel	TPH-DRO - with Silica Gel	TPH-HO - No Silica Gel	TPH-HO - with Silica Gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead	Arsenic	Naphthalene Method 8270	Naphthalene Method 8260B
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L					**800/1,000**	**500**	**500**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**15**	**15**	**5**	**160**	**160**
MW-17	04/13-16/09	10.15	--	89.14	<50	--	--	--	--	3	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-17	10/12-15/09	10.43	--	88.86	81	--	290	--	<68	3	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-17	10/12-15/09	10.43	--	88.86	89	--	--	--	--	3	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-17	04/19-22/10	8.81	--	90.48	<50	--	<31	--	<71	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-17	04/19-22/10	8.81	--	90.48	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-17	01/17-20/11	8.13	--	91.16	<50	--	<30	--	<71	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-17	01/17-20/11	8.13	--	91.16	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-17	05/10-12/11	8.24	--	91.05	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-17	05/10-12/11	8.24	--	91.05	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-17	05/07-08/12	8.40	--	90.89	<50	--	<28	--	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-17	05/07-08/12	8.40	--	90.89	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-17	11/12-14/12	9.52	--	89.77	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-17	11/12-14/12	9.52	--	89.77	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-17	5/20-22/13	8.33	--	90.96	230	--	<29	--	<67	3	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-17	5/20-22/13	8.33	--	90.96	240	--	--	--	--	3	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-17	11/11-13/13	9.87	--	89.42	91	--	<29	--	<67	0.8	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-17	11/11-13/13	9.87	--	89.42	76	--	--	--	--	0.8	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-17	08/09/19	9.99	--	122.71	<31.6	209	--	<83.3	--	<0.0896	<0.412	--	--	--	--	--	--	--	**<6.5**	--	--
MW-17	8/11/2020	9.81	--	--	39.8 J	157 J	157 J	235 J	235 J	<1.0	<1.0	<1.0	<3.0	--	**<0.02**	--	<6.0	<6.0	--	<5.0 J0	--
MW-17	8/11/2020	9.81	--	--	<100	114 J	114 J	175 J	175 J	<1.0	<1.0	<1.0	<3.0	--	**<0.02**	--	2.96 J	<6.0	--	<5.0	--
MW-17	9/27/2023	9.84	--	--	32.5 B J	255	83.7 J	338	180 J	<0.0400	0.115 J	0.0410 J	0.241 J	--	--	<0.200	<6.00	--	**7.06 J**	<0.250	--
MW-18	04/29-30/04	10.95	--	--	**76,000**	--	**1,700**	--	<250	**9,200**	**11,000**	**1,400**	**8,400**	--	--	--	--	<0.99	--	--	--
MW-18	08/03/04	11.66	--	89.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	10/28-11/01/04	11.72	--	89.80	**42,000**	--	230	--	<97	**4,700**	**5,400**	**860**	**4,300**	--	--	--	--	--	--	--	--
MW-18	01/24-31/05	11.10	--	90.42	**24,000**	--	270	--	<250	**2,800**	**3,400**	600	**3,100**	--	--	--	--	--	--	--	--
MW-18	04/18-21/05	10.91	--	90.61	**20,000**	--	**1,500**	--	<250	**2,500**	**3,200**	540	**2,900**	--	--	--	--	--	--	--	--
MW-18	07/27-28/05	11.22	--	90.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	11/08-10/05	11.53	--	89.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	02/22/06	9.83	--	91.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	04/17/06	10.93	--	90.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	08/08/06	12.65	--	88.87	**1,100**	--	--	--	--	**210**	74	43	130	--	--	--	--	--	--	--	--
MW-18	10/17/06	13.29	--	88.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	04/17/07	15.51	--	86.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	12/04/07	20.30	--	81.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	04/28-29/08	16.76	--	84.76	200	--	190	--	<98	**140**	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-18	12/11/2008	13.45	--	88.07	790	--	**1,900**	--	<67	**32**	0.9	1	1	--	--	--	--	--	--	--	--
MW-18	04/13-16/09	11.81	--	89.71	530	--	**7,600**	--	<390	4	0.5	<0.5	1	--	--	--	--	--	--	--	--
MW-18	10/12-15/09	12.13	--	89.39	310	--	**590**	--	<66	8	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-18	04/19-22/10	10.25	--	91.27	91	--	**1,000**	--	<75	3	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-18	01/17-20/11	9.73	--	91.79	<50	--	270	--	270	0.6	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-18	05/10-12/11	9.83	--	91.69	220	--	280	--	<71	11	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-18	05/07-08/12	10.00	--	91.52	<50	--	<30	--	<69	1	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-18	11/12-14/12	11.25	--	90.27	**1,500**	**--**	37	--	<71	**48**	<5	<5	<5	--	--	--	--	--	--	--	--
MW-18	5/20-22/13	10.05	--	91.47	500	--	<30	--	<69	**10**	<5	0.6	0.7	--	--	--	--	--	--	--	--
MW-18	11/11-13/13	11.58	--	89.94	610	--	<30	--	<70	**13**	<5	0.8	1.0	--	--	--	--	--	--	--	--
MW-18	8/11/2020	11.81	--	122.55	**1,750**	**1,030**	**659**	316	<250	**8.5**	2.02	0.750 J	1.69 J	--	**<0.02**	--	4.89 J	<6.0	--	< 5.0 J0	--
MW-18	9/25/2023	11.16	--	123.20	364	148 J	148 J	<250	<250	2.78	0.317	0.116	0.662	--	--	0.149 J	<6.00	--	**10.1**	0.236 J	--
MW-19	04/29-30/04	10.63	--	--	**18,000**	--	**680**	--	<250	**1,700**	**1,700**	470	**2,400**	--	--	--	--	<0.99	--	--	--
MW-19	07/15-16/04	11.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	08/03/04	11.31	--	89.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	10/28-11/01/04	11.41	--	89.77	**21,000**	--	270	--	<100	**1,900**	**1,400**	**880**	**3,500**	--	--	--	--	--	--	--	--

Table 2
Groundwater Gauging Data and Analytical Results
Former Texaco Service Station No. 211577
631 Queen Anne Avenue North, Seattle, WA 98109

Well ID	Date	DTW	NAPL Thickness	GWE	TPH-GRO	TPH-DRO - No Silica Gel	TPH-DRO - with Silica Gel	TPH-HO - No Silica Gel	TPH-HO - with Silica Gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead	Arsenic	Naphthalene Method 8270	Naphthalene Method 8260B
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L					**800/1,000**	**500**	**500**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**15**	**15**	**5**	**160**	**160**
MW-19	01/24-31/05	10.78	--	90.40	**25,000**	--	280	--	<250	**1,700**	**1,500**	**940**	**3,700**	--	--	--	--	--	--	--	--
MW-19	04/18-21/05	10.61	--	90.57	**23,000**	--	**1,200**	--	<250	**1,900**	**1,400**	**1,000**	**3,800**	--	--	--	--	--	--	--	--
MW-19	07/27-28/05	10.92	--	90.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	11/08-10/05	11.25	--	89.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	02/22/06	9.55	--	91.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	04/17/06	10.61	--	90.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	10/17/06	12.93	--	88.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	04/17/07	15.27	--	85.91	130	--	<75	--	<94	3.2	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-19	12/04/07	19.80	--	81.38	<50	--	<78	--	<98	3.0	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-19	04/28-29/08	16.4516	--	84.73	90	--	<78	--	<98	2	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-19	11/03/08	13.14	--	88.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	04/13-16/09	11.50	--	89.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	10/12-15/09	11.83	--	89.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	04/19-22/10	10.06	--	91.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	01/17-20/11	9.45	--	91.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	05/10-12/11	9.56	--	91.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	05/07-08/12	9.70	--	91.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	11/12-14/12	10.92	--	90.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	5/20-22/13	9.78	--	91.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	11/11-13/13	11.27	--	89.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	8/12/20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	10/28-11/01/04	8.91	--	96.73	<50	--	<80	--	220	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-20	01/24-31/05	5.94	--	99.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	04/18-21/05	6.39	--	99.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	07/27-28/05	7.88	--	97.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	11/08-10/05	8.08	--	97.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	02/22/06	6.56	--	99.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	04/17/06	6.64	--	99.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	08/08/06	8.00	--	97.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	10/17/06	8.32	--	97.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	04/17/07	6.93	--	98.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	12/04/07	5.46	--	100.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	04/28/08	7.07	--	98.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	11/03/08	8.10	--	97.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	04/13-16/09	6.51	--	99.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	10/12-15/09	8.13	--	97.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	04/19-22/10	7.10	--	98.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	01/17-20/11	5.39	--	100.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	05/10-12/11	6.98	--	98.66		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	05/07-08/12	6.52	--	99.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	11/12-14/12	7.92	--	97.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	5/20-22/13	7.50	--	98.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	11/11-13/13	7.94	--	97.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	8/12/2020	8.10	--	130.34	58.3 BJ	<200	<200	<250	<250	<1.0	<1.0	<1.0	<3.0	--	**<0.02**	--	<6.0	<6.0	--	<5.0 J0	--
MW-20	9/27/2023	8.29	--	130.15	32.5 B J	152 J	152 J	184 J	184 J	<0.0400	0.166 J	0.0430 J	0.334	--	--	<0.200	<6.00	--	**<10.0**	<0.250	<5.0 J0
MW-21	08/03/04	25.89	--	68.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-21	08/12/04	25.89	--	68.87	120	--	140	--	160	**360**	<0.5	<0.5	3.1	--	--	--	--	<10	--	--	--
MW-21	10/28-11/01/04	25.95	--	68.81	**31,000**	--	**<800**	--	**<1,000**	**5,200**	730	**1,300**	**4,500**	--	--	--	--	--	--	--	--
MW-21	01/24-31/05	25.85	--	68.91	130	--	<250	--	<250	**230**	0.6	<0.5	4.3	--	--	--	--	--	--	--	--
MW-21	02/17/05	25.82	--	68.94	130	--	<85	--	<110	**280**	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-21	04/18-21/05	25.94	--	68.82	110	--	<250	--	<250	**230**	<0.5	<0.5	3.9	--	--	--	--	--	--	--	--

Table 2
Groundwater Gauging Data and Analytical Results
Former Texaco Service Station No. 211577
631 Queen Anne Avenue North, Seattle, WA 98109

Well ID	Date	DTW	NAPL Thickness	GWE	TPH-GRO	TPH-DRO - No Silica Gel	TPH-DRO - with Silica Gel	TPH-HO - No Silica Gel	TPH-HO - with Silica Gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead	Arsenic	Naphthalene Method 8270	Naphthalene Method 8260B
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L					**800/1,000**	**500**	**500**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**15**	**15**	**5**	**160**	**160**
MW-21	07/27-28/05	25.75	--	69.01	79	--	<250	--	<250	**220**	<0.5	<0.5	<3.0	--	--	--	--	--	--	--	--
MW-21	11/08-10/05	25.96	--	68.80	110	--	<78	--	<97	**250**	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-21	02/22/06	25.58	--	69.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-21	04/17/06	25.62	--	69.14	<48	--	<79	--	<99	**84**	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-21	08/09/06	25.38	--	69.38	130	--	--	--	--	**170**	<0.5	<0.5	1.6	--	--	--	--	--	--	--	--
MW-21	10/17/06	25.81	--	68.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-21	04/17-18/07	25.34	--	69.42	57	--	<81	--	<100	**130**	0.6	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-21	12/04-05/07	26.36	--	68.40	61	--	<76	--	<96	**140**	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-21	04/28-05/01/08	26.42	--	68.34	83	--	<78	--	<97	**160**	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-21	11/06/08	26.23	--	68.53	79	--	<30	--	<70	**120**	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-21	04/13-16/09	26.11	--	68.65	89	--	36	--	<78	**120**	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-21	10/12-15/09	25.95	--	68.81	<50	--	<29	--	<68	**88**	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-21	04/19-22/10	25.65	--	69.11	67	--	38	--	<70	**88**	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-21	01/17-20/11	25.60	--	69.16	60	--	140	--	**630**	**100**	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-21	05/10-12/11	25.40	--	69.36	58	--	89	--	<70	**82**	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-21	05/07-08/12	25.65	--	69.11	<50	--	<30	--	<70	**70**	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-21	11/12-14/12	25.76	--	69.00	<50	--	<29	--	69	**43**	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-21	5/20-22/13	25.43	--	69.33	64	--	<29	--	<68	**69**	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-21	11/11-13/13	25.69	--	69.07	63	--	<28	--	<66	**51**	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-21	8/13/2020	25.75	--	101.83	454	94.8 J	90.5 J	<250	<250	**34**	<1.0	<1.0	<3.0	--	**<0.02**	--	<6.0	<6.0	--	<5.0	--
MW-21	9/25/2023	25.55	--	102.03	422	164 J	164 J	94.2 J	94.2 J	**21.4**	0.237	0.0820 J	0.560	--	--	0.348	<6.00	--	4.56 J	<0.250	--
MW-22/DPE-8	10/26-27/04	--	--	--	**54,000**	--	**5,000**	--	**<1,000**	--	--	--	--	--	--	--	--	--	--	--	--
MW-22/DPE-8	10/28-11/01/04	14.11	--	90.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22/DPE-8	01/24-31/05	13.62	--	91.21	**55,000**	--	**980**	--	<250	**5,200**	**6,300**	**1,500**	**8,800**	--	--	--	--	--	--	--	--
MW-22/DPE-8	04/18-21/05	13.72	--	91.11	**40,000**	--	**2,000**	--	<250	**4,600**	**4,300**	**1,200**	**6,800**	--	--	--	--	--	--	--	--
MW-22/DPE-8	07/27-28/05	13.53	--	91.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22/DPE-8	11/08-10/05	14.14	--	90.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22/DPE-8	02/22/06	12.34	--	92.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22/DPE-8	04/17/06	14.60	--	90.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22/DPE-8	08/08/06	16.56	0.01	88.28	**41,000**	--	**2,000**	--	<210	**3,100**	**3,500**	**1,200**	**6,400**	--	--	--	--	--	--	--	--
MW-22/DPE-8	08/19/06	15.65	0.35	89.46	NOT SAMPLED DUE TO THE PRESENCE OF NAPL																
MW-22/DPE-8	08/31/06	16.33	1.12	89.40	NOT SAMPLED DUE TO THE PRESENCE OF NAPL																
MW-22/DPE-8	09/15/06	16.55	1.08	89.14	NOT SAMPLED DUE TO THE PRESENCE OF NAPL																
MW-22/DPE-8	10/17/06	17.12	1.37	88.33	NOT SAMPLED DUE TO THE PRESENCE OF NAPL																
MW-22/DPE-8	10/24/06	16.59	--	87.76	**67,000**	--	**5,200**		**880**	**3,100**	**4,900**	**1,800**	**11,000**	--	--	--	--	--	--	--	--
MW-22/DPE-8	04/17/07	20.28	--	84.07	**9,300**	--	**1,900,000**		**510,000**	**84**	34	35	**1,100**	--	--	--	--	--	--	--	--
MW-22/DPE-8	12/04-05/07	20.23	--	84.12	**4,900**	--	**120,000**		**32,000**	2.6	1.0	3.5	49	--	--	--	--	--	--	--	--
MW-22/DPE-8	04/28-29/08	18.63	--	85.86	**4,500**	--	**38,000**		**8,900**	**14**	5	11	29	--	--	--	--	--	--	--	--
MW-22/DPE-8	04/30/08	--	--	--	--	--	**820,000**		**190,000**	--	--	--	--	--	--	--	--	--	--	--	--
MW-22/DPE-8	04/30/08	--	--	--	--	--	**3,900**		<420	--	--	--	--	--	--	--	--	--	--	--	--
MW-22/DPE-8	11/06/08	15.51	--	88.98	**3,500**	--	**18,000**		**<3,300**	**35**	16	19	140	--	--	--	--	--	--	--	--
MW-22/DPE-8	04/13-16/09	13.87	--	90.62	**2,000**	--	**12,000**		**590**	**7**	1	3	6	--	--	--	--	--	--	--	--
MW-22/DPE-8	10/12-15/09	13.90	--	90.59	**940**	--	**3,900**		**<680**	**6**	1	0.6	3	--	--	--	--	--	--	--	--
MW-22/DPE-8	04/19-22/10	12.08	--	92.41	88	--	**2,000**		**510**	2	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-22/DPE-8	01/17-20/11	11.60	--	92.89	<50	--	**1,400**		**1,100**	0.6	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-22/DPE-8	05/10-12/11	11.50	--	92.99	120	--	**990**		450	1	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-22/DPE-8	05/07-08/12	11.85	--	92.64	<50	--	130	--	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-22/DPE-8	11/12-14/12	13.19	--	91.30	170	--	120	--	<70	2	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-22/DPE-8	05/20-22/13	11.88	--	92.61	72	--	50	--	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-22/DPE-8	11/11-13/13	13.41	--	91.08	130	--	**3,300**	--	**1,000**	1	<0.5	0.5	<0.5	--	--	--	--	--	--	--	--
MW-22/DPE-8	8/14/2020	14.11	--	123.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 2
Groundwater Gauging Data and Analytical Results
Former Texaco Service Station No. 211577
631 Queen Anne Avenue North, Seattle, WA 98109

Well ID	Date	DTW	NAPL Thickness	GWE	TPH-GRO	TPH-DRO - No Silica Gel	TPH-DRO - with Silica Gel	TPH-HO - No Silica Gel	TPH-HO - with Silica Gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead	Arsenic	Naphthalene Method 8270	Naphthalene Method 8260B
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L					**800/1,000**	**500**	**500**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**15**	**15**	**5**	**160**	**160**
MW-22/DPE-8	9/28/2023	13.57	--	123.68	73.4 B J	524	158 J	408	<250	0.544	0.142 J	0.0630 J	0.399	--	--	<0.200	<6.00	--	**5.45 J**	0.694	--
MW-23	10/26-27/04	--	--	--	**57,000**	--	**42,000**	--	**<5,000**	--	--	--	--	--	--	--	--	--	--	--	--
MW-23	10/28/04	9.64	--	98.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-23	10/28-11/01/04	13.50	--	94.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-23	01/24-31/05	5.32	--	102.50	**19,000**	--	**13,000**	--	**<4,100**	**190**	210	**710**	**3,600**	--	--	--	--	--	--	--	--
MW-23	04/18-21/05	8.78	--	99.04	**54,000**	--	**2,400**	--	<250	**630**	**7,000**	**1,700**	**9,200**	--	--	--	--	--	--	--	--
MW-23	07/27-28/05	9.71	--	98.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-23	11/08-10/05	9.69	--	98.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-23	04/17/06	9.91	--	97.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-23	04/18/07	9.17	--	98.65	**3,500**	--	**7,100**	--	**<530**	**27**	30	31	310	--	--	--	--	--	--	--	--
MW-23	12/06/07	7.85	--	99.97	310	--	**7,200**	--	**<940**	<0.5	0.6	16	46	--	--	--	--	--	--	--	--
MW-23	04/29/08	8.90	--	98.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-23	11/03/08	9.44	--	98.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-23	04/13-16/09	7.93	--	99.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-23	10/12-15/09	9.14	--	98.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-23	04/19-22/10	8.02	--	99.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-23	01/17-20/11	6.82	--	101.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-23	05/10-12/11	6.63	--	101.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-23	05/07-08/12	7.20	--	100.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-23	11/12-14/12	9.09	--	98.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-23	5/20-22/13	7.02	--	100.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-23	11/11-13/13	8.14	--	99.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-23	8/10/2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-23	8/16/2021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24	10/26-27/04	--	--	--	500	--	**<800**	--	**<1,000**	--	--	--	--	--	--	--	--	--	--	--	--
MW-24	10/28/04	6.41	--	101.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24	10/28-11/01/04	14.20	--	93.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24	01/24-31/05	5.58	--	102.37	<50	--	<250	--	<250	<0.5	0.6	<0.5	1.6	--	--	--	--	--	--	--	--
MW-24	04/18-21/05	4.76	--	103.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24	07/27-28/05	6.68	--	101.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24	11/08-10/05	4.84	--	103.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24	02/22/06	5.81	--	102.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24	04/17/06	5.55	--	102.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24	04/17/07	5.63	--	102.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24	12/04/07	4.61	--	103.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24	04/28/08	4.96	--	102.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24	11/03/08	4.65	--	103.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24	04/13-16/09	4.65	--	103.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24	10/12-15/09	5.82	--	102.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24	04/19-22/10	5.40	--	102.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24	01/17-20/11	4.62	--	103.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24	05/10-12/11	5.65	--	102.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24	05/07-08/12	4.85	--	103.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24	11/12-14/12	4.82	--	103.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24	05/20-22/13	5.84	--	102.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24	11/11-13/13	5.35	--	102.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24	8/14/2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	10/26-27/04	--	--	--	**11,000**	--	260	--	<99	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	10/28-11/01/04	12.36	--	90.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	01/24-31/05	11.81	--	91.15	**7,400**	--	440	--	<250	**6.8**	42	160	**1,100**	--	--	--	--	--	--	--	--
MW-25	04/18-21/05	11.63	--	91.33	**22,000**	--	**2,800**	--	<250	**17**	300	750	**3,900**	--	--	--	--	--	--	--	--

Table 2
Groundwater Gauging Data and Analytical Results
Former Texaco Service Station No. 211577
631 Queen Anne Avenue North, Seattle, WA 98109

Well ID	Date	DTW	NAPL Thickness	GWE	TPH-GRO	TPH-DRO - No Silica Gel	TPH-DRO - with Silica Gel	TPH-HO - No Silica Gel	TPH-HO - with Silica Gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead	Arsenic	Naphthalene Method 8270	Naphthalene Method 8260B
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L					**800/1,000**	**500**	**500**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**15**	**15**	**5**	**160**	**160**
MW-25	07/27-28/05	11.73	--	91.23	**22,000**	--	**2,400**	--	<250	**<20**	210	630	**3,100**	--	--	--	--	--	--	--	--
MW-25	11/08-10/05	12.23	--	90.73	**14,000**	--	**870**	--	<100	**<20**	59	450	**1,600**	--	--	--	--	--	--	--	--
MW-25	02/22/06	10.50	--	92.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	04/17/06	11.65	--	91.31	780	--	**520**	--	<100	<2.0	2.9	14	49	--	--	--	--	--	--	--	--
MW-25	08/08/06	13.39	--	89.57	**6,300**	--	**1,100**	--	210	**19**	31	240	650	--	--	--	--	--	--	--	--
MW-25	10/17/06	14.06	--	88.90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	04/17/07	16.00	--	86.96	**1,900**	--	**1,200**	--	<110	**7**	13	55	97	--	--	--	--	--	--	--	--
MW-25	12/04/07	18.05	--	84.91	**2,400**	--	**2,000**	--	<100	**10**	2.9	73	47	--	--	--	--	--	--	--	--
MW-25	04/28/08	17.34	--	85.62	250	--	120	--	<96	1	0.7	11	0.9	--	--	--	--	--	--	--	--
MW-25	11/04/08	14.08	--	88.88	150	--	33	--	<72	2	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-25	04/13-16/09	12.44	--	90.52	190	--	340	--	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-25	10/12-15/09	12.62	--	90.34	570	--	440	--	<70	<0.5	<0.5	3	0.7	--	--	--	--	--	--	--	--
MW-25	04/19-22/10	10.80	--	92.16	<50	--	**540**	--	93	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-25	01/17-20/11	10.28	--	92.68	<50	--	**670**	--	180	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-25	05/10-12/11	10.20	--	92.76	<50	--	**560**	--	180	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-25	05/07-08/12	10.54	--	92.42	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-25	11/12-14/12	11.80	--	91.16	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-25	05/20-22/13	10.53	--	92.43	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-25	11/11-13/13	12.10	--	90.86	<50	--	<31	--	<71	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-25	8/12/2020	11.90	--	122.90	54.3 BJ	374	88.9 J	377	93.6 J	<1.0	<1.0	<1.0	<3.0	--	**<0.02**	--	<6.0	<6.0	--	<5.0 J0	--
MW-25	9/26/2023	12.14	--	122.66	37.1 B J	487	129 J	**1,500**	**639**	<0.0400	0.0760 J	<0.100	<0.260	--	--	<0.200	**31.1**	<6.00	**<10.0**	<0.250	--
MW-25 (DUP)	9/26/2023	--	--	--	86.0 B J	495	175 J	**1,680**	**749**	<0.0400	0.100 J	<0.100	<0.260	--	--	<0.200	**27.2**	<6.00	**<10.0**	<0.250	--
MW-26	10/28-11/01/04	11.18	--	89.29	**57,000**	--	**760**	--	<200	**8,300**	**4,300**	**1,600**	**8,700**	--	--	--	--	--	--	--	--
MW-26	01/24-31/05	10.59	--	89.88	**3,100**	--	<250	--	<250	**310**	190	54	510	--	--	--	--	--	--	--	--
MW-26	02/17/05	10.56	--	89.91	**27,000**	--	310	--	<95	**6,800**	**1,900**	**990**	**4,800**	--	--	--	--	--	--	--	--
MW-26	04/18-21/05	10.39	--	90.08	**3,500**	--	<250	--	<250	**730**	320	100	660	--	--	--	--	--	--	--	--
MW-26	07/27-28/05	10.55	--	89.92	**5,100**	--	270	--	<250	**1,200**	370	130	880	--	--	--	--	--	--	--	--
MW-26	11/08-10/05	11.02	--	89.45	**15,000**	--	**1,200**	--	<94	**5,700**	850	590	**2,400**	--	--	--	--	--	--	--	--
MW-26	02/22/06	9.32	--	91.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-26	04/17/06	10.35	--	90.12	<48	--	<80	--	<100	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-26	08/08/06	12.11	--	88.36	**4,900**	--	240	--	150	**1,200**	310	160	750	--	--	--	--	--	--	--	--
MW-26	10/17/06	12.80	--	87.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-26	04/17-18/07	15.09	--	85.38	**4,500**	--	440	--	<100	**730**	63	230	660	--	--	--	--	--	--	--	--
MW-26	12/04-05/07	18.05	--	82.42	**3,400**	--	400	--	<130	**1,000**	43	200	420	--	--	--	--	--	--	--	--
MW-26	04/28-05/01/08	16.31	--	84.16	130	--	280	--	<95	**9**	<0.5	4	<0.5	--	--	--	--	--	--	--	--
MW-26	5/1/2008	16.31	--	84.16	140	--	**630**	--	<99	**10**	<0.5	5	<0.5	--	--	--	--	--	--	--	--
MW-26	11/06/08	12.82	--	87.65	**1,100**	--	**2,500**	--	<66	**450**	1	110	3	--	--	--	--	--	--	--	--
MW-26	04/13-16/09	11.23	--	89.24	<50	--	460	--	<66	**26**	<0.5	11	<0.5	--	--	--	--	--	--	--	--
MW-26	10/12-15/09	11.41	--	89.06	<50	--	**1,200**	--	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-26	04/19-22/10	9.64	--	90.83	<50	--	41	--	<74	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-26	01/17-20/11	9.08	--	91.39	<50	--	40	--	<71	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-26	05/10-12/11	9.08	--	91.39	<50	--	57	--	<68	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-26	05/07-08/12	9.35	--	91.12	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-26	11/12-14/12	10.59	--	89.88	63	--	<28	--	<66	0.6	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-26	5/20-22/13	9.43	--	91.04	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-26	11/11-13/13	10.91	--	89.56	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-26	08/09/19	10.96	--	122.32	<31.6	<66.7	--	<83.3	--	<0.0896	<0.412	--	--	--	--	--	--	--	**<6.5**	--	--
MW-26	8/12/2020	10.94	--	122.34	58.5 BJ	<200	<200	<250	<250	<1.0	<1.0	<1.0	<3.0	--	**<0.02**	--	<6.0	<6.0	--	--	--
MW-26	9/27/2023	10.95	--	122.33	34.7 B J J3	170 J	170 J	165 J	165 J	0.0270 J	0.134 J	0.0450 J	0.326	--	--	<0.200	<6.00	--	**<10.0**	<0.250	--
MW-27	01/24-31/05	29.81	--	67.45	<50	--	<250	--	<250	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-27	04/18-21/05	29.85	--	67.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 2
Groundwater Gauging Data and Analytical Results
Former Texaco Service Station No. 211577
631 Queen Anne Avenue North, Seattle, WA 98109

Well ID	Date	DTW	NAPL Thickness	GWE	TPH-GRO	TPH-DRO - No Silica Gel	TPH-DRO - with Silica Gel	TPH-HO - No Silica Gel	TPH-HO - with Silica Gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead	Arsenic	Naphthalene Method 8270	Naphthalene Method 8260B
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L					**800/1,000**	**500**	**500**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**15**	**15**	**5**	**160**	**160**
MW-27	07/27-28/05	29.86	--	67.40	<50	--	<250	--	<250	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-27	11/08-10/05	29.91	--	67.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	11/08-10/05	29.91	--	67.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	04/17/06	29.69	--	67.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	10/18/06	29.90	--	67.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	8/11/2020	29.94	--	100.09	<100.0	<200	<200	138 J	138 J	<1.0	<1.0	<1.0	<3.0	--	**<0.02**	--	3.08 J	<6.0	--	<5.0 J0	--
MW-27	9/29/2023	29.80	--	100.23	34.0 B J	74.8 J	74.8 J	227 J	227 J	0.0300 J	0.428	0.163	0.896	--	--	<0.200	<6.00	--	**13.2 B**	<0.250	--
MW-28	01/24-31/05	21.18	--	66.60	<50	--	<250	--	<250	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-28	02/10/05	21.17	--	66.61	<48	--	<79	--	<98	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-28	04/18-21/05	21.22	--	66.56	<50	--	<250	--	<250	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-28	07/27-28/05	21.26	--	66.52	<50	--	<250	--	<250	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-28	11/08-10/05	21.32	--	66.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-28	04/17/06	21.19	--	66.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-28	10/18/06	21.28	--	66.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-28	8/11/2020	21.18	--	99.40	<100	<200	<200	111 J	111 J	<1.0	<1.0	<1.0	<3.0	--	**<0.02**	--	<6.0	<6.0	--	<5.0 J0	--
MW-28	9/29/2023	21.04	--	99.54	<100	<200	<200	95.7 J	95.7 J	<0.0400	<0.200	<0.100	<0.260	--	--	<0.200	<6.00	--	**<10.0**	<0.250	--
MW-29	01/24-31/05	15.14	--	65.74	<50	--	<250	--	<250	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-29	04/18-21/05	14.31	--	66.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-29	07/27-28/05	14.79	--	66.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-29	11/08-10/05	14.70	--	66.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-29	04/17/06	14.60	--	66.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-29	10/18/06	15.16	--	65.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-29	8/11/2020	14.35	--	99.38	<100	<200	<200	134 J	134 J	<1.0	<1.0	<1.0	<3.0	--	**<0.02**	--	5.72 J	4.01 J	--	<5.0 J0	--
MW-29	9/29/2023	15.00	--	98.73	<100	<200	<200	83.5 J	83.5 J	<0.0400	0.101 J	0.0280 J	<0.260	--	--	<0.200	<6.00	--	**34.0 B**	<0.250	--
MW-30	02/10/05	24.70	--	67.11	<48	--	<77	--	<96	4.1	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-30	04/18-21/05	24.76	--	67.05	<50	--	<250	--	<250	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-30	07/27-28/05	24.72	--	67.09	<50	--	<250	--	<250	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-30	11/08-10/05	24.82	--	66.99	<48	--	<83	--	<100	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-30	04/17/06	24.68	--	67.13	<50	--	<80	--	<100	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-30	10/17/06	24.80	--	67.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-30	04/17-18/07	24.72	--	67.09	<50	--	<76	--	<94	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-30	12/04-05/07	24.84	--	66.97	<50	--	<75	--	<94	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-30	04/28-30/08	24.81	--	67.00	<50	--	<77	--	<97	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-30	11/06/08	24.85	--	66.96	<50	--	<30	--	<71	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-30	11/6/2008	24.85	--	66.96	<50	--	<31	--	<71	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-30	04/13-16/09	24.81	--	67.00	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-30	04/13-16/09	24.81	--	67.00	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-30	10/12-15/09	24.77	--	67.04	<50	--	<29	--	<68	<0.5	0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-30	10/12-15/09	24.77	--	67.04	<50	--	--	--	--	<0.5	0.6	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-30	04/19-22/10	24.67	--	67.14	<50	--	<30	--	<71	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-30	04/19-22/10	24.67	--	67.14	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-30	01/17-20/11	24.68	--	67.13	<50	--	67	--	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-30	01/17-20/11	24.68	--	67.13	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-30	05/10-12/11	24.60	--	67.21	<50	--	51	--	<71	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-30	05/10-12/11	24.60	--	67.21	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-30	05/7-8/12	24.65	--	67.16	<50	--	<31	--	<72	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-30	05/7-8/12	24.65	--	67.16	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-30	11/12-14/12	24.76	--	67.05	<50	--	<30	--	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-30	11/12-14/12	24.76	--	67.05	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-30	5/20-22/13	24.64	--	67.17	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-30	5/20-22/13	24.64	--	67.17	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--

Table 2
Groundwater Gauging Data and Analytical Results
Former Texaco Service Station No. 211577
631 Queen Anne Avenue North, Seattle, WA 98109

Well ID	Date	DTW	NAPL Thickness	GWE	TPH-GRO	TPH-DRO - No Silica Gel	TPH-DRO - with Silica Gel	TPH-HO - No Silica Gel	TPH-HO - with Silica Gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead	Arsenic	Naphthalene Method 8270	Naphthalene Method 8260B
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L					**800/1,000**	**500**	**500**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**15**	**15**	**5**	**160**	**160**
MW-30	11/11-13/13	24.74	--	67.07	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-30	11/11-13/13	24.74	--	67.07	<50	--	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-30	8/11/2020	24.76	--	99.85	<100	74.3 J	74.3 J	136 J	136 J	<1.0	<1.0	<1.0	<3.0	--	**<0.02**	--	<6.0	<6.0	--	<5.0 J0	--
MW-30	9/29/2023	24.61	--	100.00	32.1 B J	84.9 J	84.9 J	128 J	128 J	<0.0400	0.147 J	0.0560 J	0.393	--	--	<0.200	<6.00	--	**8.38 BJ**	<0.250	--
MW-31	02/10/05	19.89	--	67.33	<48	--	<77	--	<96	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-31	04/18-21/05	20.02	--	67.20	<50	--	<800	--	<1,000	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-31	07/27-28/05	19.89	--	67.33	<50	--	<250	--	<250	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-31	11/08-10/05	20.12	--	67.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-31	04/17/06	19.94	--	67.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-31	10/17/06	20.14	--	67.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-31	04/17-18/07	19.78	--	67.44	<50	--	<75	--	<94	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-31	12/04-05/07	20.14	--	67.08	<50	--	<75	--	<94	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-31	04/28-30/08	20.06	--	67.16	<50	--	<81	--	<100	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-31	11/04/08	20.11	--	67.11	<50	--	<29	--	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-31	04/13-16/09	20.04	--	67.18	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-31	10/12-15/09	19.99	--	67.23	<50	--	<29	--	<68	<0.5	1	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-31	04/19-22/10	19.80	--	67.42	<50	--	<28	--	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-31	01/17-20/11	19.79	--	67.43	<50	--	32	--	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-31	05/10-12/11	19.70	--	67.52	<50	--	<31	--	<72	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-31	05/07-08/12	19.80	--	67.42	<50	--	<28	--	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-31	11/12-14/12	20.00	--	67.22	<50	--	<28	--	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-31	5/20-22/13	19.73	--	67.49	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-31	11/11-13/13	19.93	--	67.29	<50	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-31	8/11/2020	19.98	--	100.09	<100	<200	<200	108 J	108 J	<1.0	<1.0	<1.0	<3.0	--	**<0.02**	--	3.93 J	<6.0	--	<5.0	--
MW-31	9/29/2023	19.91	--	100.16	<100	<200	<200	<250	<250	<0.0400	<0.200	<0.100	<0.260	--	--	<0.200	<6.00	--	**<10.0**	<0.250	--
MW-32	07/27-28/05	11.43	--	89.66	**17,000**	--	**1,200**	--	<250	**2,300**	540	630	**2,600**	--	--	--	--	--	--	--	--
MW-32	11/08-10/05	11.81	--	89.28	580	--	<80	--	<100	**200**	29	5.4	130	--	--	--	--	--	--	--	--
MW-32	02/22/06	10.15	--	90.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-32	04/17/06	11.12	--	89.97	70	--	<81	--	<100	**47**	1.9	4.0	8.7	--	--	--	--	--	--	--	--
MW-32	08/08/06	12.86	--	88.23	**4,000**	--	400	--	140	**1,500**	130	210	730	--	--	--	--	--	--	--	--
MW-32	04/17-18/07	15.97	--	85.12	**17,000**	--	**2,600**	--	<940	**2,400**	170	830	**2,400**	--	--	--	--	--	--	--	--
MW-32	12/04-05/07	18.42	--	82.67	670	--	<79	--	<98	**310**	6.6	57	73	--	--	--	--	--	--	--	--
MW-32	04/29/08	17.0916	--	84.00	95	--	<79	--	<98	**77**	<0.5	9	2	--	--	--	--	--	--	--	--
MW-32	11/04/08	13.56	--	87.53	130	--	41	--	<71	**36**	<0.5	2	<0.5	--	--	--	--	--	--	--	--
MW-32	04/13-16/09	12.00	--	89.09	<50	--	330	--	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-32	10/12-15/09	12.21	--	88.88	<50	--	74	--	<67	<0.5	0.7	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-32	04/19-22/10	10.44	--	90.65	<50	--	<31	--	<71	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-32	01/17-20/11	9.82	--	91.27	<50	--	34	--	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-32	05/10-12/11	9.93	--	91.16	<50	--	34	--	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-32	05/07-08/12	10.20	--	90.89	<50	--	<29	--	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-32	11/12-14/12	11.38	--	89.71	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-32	5/20-22/13	10.25	--	90.84	<50	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-32	11/11-13/13	19.90	--	81.19	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-32	08/09/19	11.82	--	122.09	<83.3	274	--	<83.3	--	<0.0896	<0.412	--	--	--	--	--	--	--	**<6.5**	--	--
MW-32	8/12/2020	11.70	--	122.21	<100	<200	<250	<200	<250	<1.0	<1.0	<1.0	<3.0	--	**<0.02**	--	<6.0	<6.0	--	<5.0	--
MW-32	9/27/2023	11.80	--	122.11	32.2 B J	110 J	110 J	211 J	211 J	<0.0400	<0.200	<0.100	<0.260	--	--	<0.200	<6.00	--	**<10.0**	<0.250	--
MW-33	07/27-28/05	28.33	--	71.98	**2,200**	--	**630**	--	<250	**2,500**	200	93	170	--	--	--	--	--	--	--	--
MW-33	11/08-10/05	28.50	--	71.81	**1,900**	--	340	--	<100	**4,800**	180	110	170	--	--	--	--	--	--	--	--
MW-33	04/17/06	27.95	--	72.41	**1,900**	--	250	--	<110	**4,000**	140	93	170	--	--	--	--	--	--	--	--
MW-33	08/09/06	28.65	--	71.71	**3,000**	--	490	--	<98	**4,100**	220	180	290	--	--	--	--	--	--	--	--
MW-33	10/17/06	28.96	--	71.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Groundwater Gauging Data and Analytical Results
Former Texaco Service Station No. 211577
631 Queen Anne Avenue North, Seattle, WA 98109

Well ID	Date	DTW	NAPL Thickness	GWE	TPH-GRO	TPH-DRO - No Silica Gel	TPH-DRO - with Silica Gel	TPH-HO - No Silica Gel	TPH-HO - with Silica Gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead	Arsenic	Naphthalene Method 8270	Naphthalene Method 8260B
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L					**800/1,000**	**500**	**500**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**15**	**15**	**5**	**160**	**160**
MW-33	04/17-18/07	29.65	--	70.71	**1,600**	--	400	--	<100	**3,700**	130	110	130	--	--	--	--	--	--	--	--
MW-33	12/04-05/07	30.46	--	69.90	**1,200**	--	400	--	<94	**3,300**	110	76	86	--	--	--	--	--	--	--	--
MW-33	04/28/08	30.4616	--	69.90	**1,300**	--	370	--	<100	**2,400**	86	75	76	--	--	--	--	--	--	--	--
MW-33	11/04/08	29.62	--	70.74	**1,200**	--	270	--	<69	**2,700**	97	95	85	--	--	--	--	--	--	--	--
MW-33	04/13-16/09	28.95	--	71.41	**1,800**	--	330	--	<68	**2,500**	73	110	76	--	--	--	--	--	--	--	--
MW-33	10/12-15/09	28.63	--	71.73	**1,200**	--	210	--	<68	**1,300**	37	78	40	--	--	--	--	--	--	--	--
MW-33	04/19-22/10	27.91	--	72.45	790	--	270	--	<72	**830**	17	44	20	--	--	--	--	--	--	--	--
MW-33	01/17-20/11	27.75	--	72.61	750	--	**680**	--	370	**620**	10	64	27	--	--	--	--	--	--	--	--
MW-33	05/10-12/11	27.40	--	72.96	530	--	480	--	100	**460**	7	56	20	--	--	--	--	--	--	--	--
MW-33	05/07-08/12	28.80	--	71.56	290	--	<30	--	<70	**270**	1	22	7	--	--	--	--	--	--	--	--
MW-33	11/12-14/12	28.10	--	72.26	200	--	<30	--	<69	**190**	0.7	23	5	--	--	--	--	--	--	--	--
MW-33	5/20-22/13	27.80	--	72.56	280	--	<29	--	<68	**160**	0.5	18	4	--	--	--	--	--	--	--	--
MW-33	11/11-13/13	29.13	--	71.23	180	--	<30	--	<69	**140**	0.5	10	4	--	--	--	--	--	--	--	--
MW-33	08/09/19	28.16	--	104.96	<31.6	**840**	--	257	--	<0.0896	<0.412	--	--	--	--	--	--	--	**<6.5**	--	--
MW-33	8/12/2020	27.98	--	105.14	81.5 BJ	**674**	80.6 J	114 J	<250	<1.0	<1.0	<1.0	<3.0	--	**<0.02**	--	<6.0	<6.0	--	<5.0 J0	--
MW-33	9/29/2023	27.92	--	105.20	43.8 B J	**531**	<200	408	<250	0.187	0.434	0.105	0.526	--	--	<0.200	<6.00	--	**<10.0**	<0.250	--
MW-33 (DUP)	9/29/2023	--	--	--	40.3 B J	**565**	<200	397	<250	0.198	0.452	0.0990 J	0.498	--	--	<0.200	<6.00	--	**5.17 B J**	<0.250	--
MW-34	11/28/05	--	--	--	<48	--	<84	--	<110	--	--	--	--	<0.5	--	<0.5	--	--	--	--	--
MW-34	04/17/06	26.97	--	67.38	<48	--	<80	--	<100	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-34	10/17/06	27.13	--	67.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-34	04/17-18/07	27.06	--	67.29	<50	--	<81	--	<100	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-34	12/04-05/07	27.22	--	67.13	60	--	<78	--	<98	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-34	04/28-30/08	27.15	--	67.20	<50	--	<80	--	<100	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-34	11/06/08	27.19	--	67.16	<50	--	<31	--	<73	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-34	04/13-16/09	27.15	--	67.20	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-34	10/12-15/09	27.10	--	67.25	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-34	04/19-22/10	26.96	--	67.39	<50	--	<30	--	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-34	01/17-20/11	27.00	--	67.35	<50	--	39	--	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-34	05/10-12/11	26.90	--	67.45	<50	--	<60	--	<140	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-34	05/07-08/12	27.00	--	67.35	<50	--	<28	--	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-34	11/12-14/12	27.09	--	67.26	<50	--	<28	--	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-34	5/20-22/13	26.99	--	67.36	<50	--	<29	--	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-34	11/11-13/13	27.08	--	67.27	<50	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-34	8/11/2020	27.07	--	100.05	<100	<200	<200	139 J	139 J	<1.0	<1.0	<1.0	<3.0	--	**<0.02**	--	5.08 J	2.96 J	--	<5.0	--
MW-34	9/29/2023	26.99	--	100.13	32.6 B J	<200	<200	106 J	106 J	<0.0400	0.149 J	0.0610 J	0.405	--	--	<0.200	<6.00	--	**5.44 B J**	<0.250	--
MW-35	11/28/05	--	--	--	250	--	280	--	180	--	--	--	--	<0.5	--	<0.5	--	--	--	--	--
MW-35	02/22/06	30.32	--	70.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-35	04/17/06	30.41	--	70.11	370	--	270	--	<100	**100**	1.3	1.0	3.9	--	--	--	--	--	--	--	--
MW-35	08/09/06	30.75	--	69.77	780	--	300	--	230	**150**	3.1	1.9	5.8	--	--	--	--	--	--	--	--
MW-35	10/18/06	30.94	--	69.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-35	04/17/07	31.19	--	69.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-35	12/04/07	31.89	--	68.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-35	04/28-05/01/08	31.78	--	68.74	110	--	180	--	<100	**45**	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-35	11/05/08	31.48	--	69.04	180	--	110	--	<67	**150**	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-35	04/13-16/09	31.22	--	69.30	83	--	120	--	<68	**100**	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-35	10/12-15/09	30.98	--	69.54	<50	--	50	--	<68	**58**	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-35	04/19-22/10	30.45	--	70.07	<50	--	59	--	<71	**66**	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-35	01/17-20/11	30.43	--	70.09	<50	--	170	--	220	5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-35	05/10-12/11	30.00	--	70.52	<50	--	60	--	<70	4	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-35	05/07-08/12	30.30	--	70.22	<50	--	<30	--	<70	0.6	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-35	11/12-14/12	30.52	--	70.00	<50	--	<29	--	<67	1	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--

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Well ID	Date	DTW	NAPL Thickness	GWE	TPH-GRO	TPH-DRO - No Silica Gel	TPH-DRO - with Silica Gel	TPH-HO - No Silica Gel	TPH-HO - with Silica Gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead	Arsenic	Naphthalene Method 8270	Naphthalene Method 8260B
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L					**800/1,000**	**500**	**500**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**15**	**15**	**5**	**160**	**160**
MW-35	5/20-22/13	30.06	--	70.46	<50	--	<29	--	<68	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-35	11/11-13/13	30.49	--	70.03	<50	--	<28	--	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
MW-35	08/09/19	30.51	--	102.82	<31.6	<66.7	--	<83.3	--	<0.0896	<0.412	--	--	--	--	--	--	--	**40.4****	--	--
MW-35	8/11/2020	30.50	--	102.83	<100	<200	<200	133 J	133 J	<1.0	<1.0	<1.0	<3.0	--	**<0.02**	--	3.58 J	4.76 J	--	<5.0	--
MW-35	9/29/2023	30.25	--	103.08	33.1 B J	327	<200	298	<250	0.065	0.407	0.0910 J	0.465	--	--	<0.200	<6.00	--	**21.8 B**	<0.250	--
MW-36	9/26/2023	15.62	--	--	<100	313	124 B J	242 J	273 B	0.133	0.178 J	0.0710 J	0.384	--	--	<0.200	<6.00	--	**<10.0**	<0.250	--
MW-37	9/26/2023	15.13	--	--	565	**890**	425 B	291	106 B J	0.098	0.211	<0.100	2.51	--	--	<0.200	8.04	6.1	**15.1**	0.236 J	--
MW-38	9/26/2023	14.30	--	--	245	**1,020**	338 B	445	<250	**17.6**	0.47	0.102	0.563	--	--	<0.200	<6.00	--	**8.90 J**	0.688	--
MW-46	9/25/2023	11.45	--	--	286	243	346 B	131 J	**561 B**	1.01	0.161 J	<0.100	0.401	--	--	0.273	<6.00	--	**<10.0**	0.129 J	--
MW-342	9/28/2023	15.45	--	--	38.4 B J	<200	<200	145 J	145 J	<0.0400	0.0600 J	<0.100	<0.260	--	--	<0.200	<6.00	--	**<10.0**	<0.250	--
MW-343	9/28/2023	12.96	--	--	35.6 B J	<200	<200	128 J	128 J	<0.0400	0.0790 J	<0.100	<0.260	--	--	<0.200	<6.00	--	**<10.0**	<0.250	--
OTBMW-1	08/09/19	12.50	--	122.43	<31.6	<66.7	--	<83.3	--	<0.0896	<0.412	--	--	--	--	--	--	--	**<6.5**	--	--
OTBMW-1	9/29/2023	12.40	--	122.53	<100	<200	<200	110 J	110 J	<0.0400	0.131 J	0.0510 J	0.298	--	--	<0.200	<6.00	--	**<10.0**	<0.250	--
OTBMW-2	08/09/19	12.39	--	122.33	<31.6	330	--	<83.3	--	<0.0896	<0.412	--	--	--	--	--	--	--	**<6.5**	--	--
OTBMW-2	9/27/2023	12.28	--	122.44	41.5 B J	236	<200	145 J	102 J	<0.0400	0.117 J	<0.100	0.271	--	--	<0.200	<6.00	--	**5.88 J**	<0.250	--
OTBMW-2 (DUP)	9/27/2023	--	--	--	40.3 B J	250	80.4 J	254	135 J	<0.0400	0.115 J	0.0400 J	0.271	--	--	<0.200	<6.00	--	**<10.0**	<0.250	--
QAAMW-1	08/09/19	24.78	--	104.15	586	<66.7	--	278	--	<0.0896	<0.412	--	--	--	--	--	--	--	**<6.5**	--	--
QAAMW-1	9/25/2023	24.50	--	104.43	196	164 J	164 J	105 J	105 J	0.225	0.217	0.0690 J	0.471	--	--	0.603	<6.00	--	**<10.0**	0.124 J	--
PESMW-1	9/25/2023	21.20	--	--	<100	266	342 B	185 J	**761 B**	<0.0400	0.183 J	0.0620 J	0.367	--	--	<0.200	<6.00	--	**9.32 J**	<0.250	
RW-2	09/90	12.68	0.04	91.89	NOT SAMPLED DUE TO THE PRESENCE OF NAPL																
RW-2	03/91	10.13	0.08	94.47	**4,100,000**	--	--	--	--	**19,000**	**46,000**	**2,500**	**120,000**	--	--	--	**250**	--	--	--	--
RW-2	07/93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-2	10/95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-2	01/97	--	--	--	390	--	--	--	--	**31**	14	6	49	--	--	--	11	--	--	--	--
RW-2	04/97	--	--	--	**11,000**	--	--	--	--	**189**	243	99	743	--	--	--	**18.2**	--	--	--	--
RW-2	07/97	--	--	--	**24,000**	--	--	--	--	**4,230**	**2,490**	398	**2,732**	--	--	--	**47.5**	--	--	--	--
RW-2	11/97	--	--	--	**4,400**	--	--	--	--	**3,140**	**1,200**	338	**2,265**	--	--	--	**15.4**	--	--	--	--
RW-2	07/24/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-2	10/17-18/02	14.44	--	92.19	**1,380**	--	**988**	--	<500	**90.5**	8.05	29.2	31.5	--	--	--	2.23	--	--	--	--
RW-2	01/21/03	10.61	--	96.02	126	--	<250	--	<500	**33.5**	0.859	1.28	4.11	--	--	--	<1.00	--	--	--	--
RW-2	04/23-24/03	10.30	--	96.33	55.7	--	<250	--	<500	<0.500	<0.500	0.642	2.64	--	--	--	<1.00	--	--	--	--
RW-2	06/30-07/01/03	13.72	--	92.91	**2,380**	--	**505**	--	<500	**53.5**	8.72	39.8	43.2	--	--	--	1.43	--	--	--	--
RW-2	10/01-02/03	15.05	--	91.58	**2,300**	--	**1,400**	--	<250	**75**	7.3	29	33	--	--	--	4.9	--	--	--	--
RW-2	01/21-23/04	10.22	--	96.41	53	--	<250	--	<250	1.2	0.7	1.3	8.9	--	--	--	<1.2	--	--	--	--
RW-2	04/29-30/04	13.31	--	93.32	81	--	270	--	<250	**11**	0.9	2.0	1.9	--	--	--	<0.99	--	--	--	--
RW-2	07/15-16/04	14.41	--	92.22	634	--	<250	--	<500	**25.7**	2.39	6.18	3.55	--	--	--	<1.00	--	--	--	--
RW-2	08/03/04	14.90	--	91.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-2	10/28-11/01/04	14.68	--	91.95	**26,000**	--	**280,000**	--	**<40,000**	**410**	63	470	950	--	--	--	--	--	--	--	--
RW-2	01/24-31/05	11.57	--	95.06	94	--	<250	--	<250	<0.5	<0.5	<2.0	2.5	--	--	--	--	--	--	--	--
RW-2	04/18-21/05	9.18	--	97.45	130	--	260	--	<250	0.8	<0.5	2.3	6.1	--	--	--	--	--	--	--	--
RW-2	07/27-28/05	14.16	--	92.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-2	11/08-10/05	9.99	--	96.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-2	04/17/06	10.80	--	95.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-2	10/18/06	17.96	--	88.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-2	04/17-18/07	17.12	--	89.51	650	--	**15,000**	--	**<1,900**	**54**	12	10	35	--	--	--	--	--	--	--	--
RW-2	12/04-06/07	15.21	--	91.42	<50	--	400	--	<100	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
RW-2	04/28-29/08	15.84	--	90.79	190	--	**890**	--	<95	**12**	1	0.9	2	--	--	--	--	--	--	--	--
RW-2	11/04/08	15.66	--	90.97	**890**	--	**1,000**	--	<66	**82**	9	14	6	--	--	--	--	--	--	--	--

Table 2
Groundwater Gauging Data and Analytical Results
Former Texaco Service Station No. 211577
631 Queen Anne Avenue North, Seattle, WA 98109

Well ID	Date	DTW	NAPL Thickness	GWE	TPH-GRO	TPH-DRO - No Silica Gel	TPH-DRO - with Silica Gel	TPH-HO - No Silica Gel	TPH-HO - with Silica Gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead	Arsenic	Naphthalene Method 8270	Naphthalene Method 8260B
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L					**800/1,000**	**500**	**500**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**15**	**15**	**5**	**160**	**160**
RW-2	04/13-16/09	13.80	--	92.83	340	--	**840**	--	<65	**21**	0.9	0.5	0.8	--	--	--	--	--	--	--	--
RW-2	10/12-15/09	14.75	--	91.88	**1,100**	--	**4,300**	--	**<680**	**35**	4	7	11	--	--	--	--	--	--	--	--
RW-2	04/19-22/10	12.56	--	94.07	160	--	430	--	240	**9**	0.7	<0.5	<0.5	--	--	--	--	--	--	--	--
RW-2	01/17-20/11	9.70	--	96.93	150	--	270	--	190	<0.5	<0.5	8	16	--	--	--	--	--	--	--	--
RW-2	05/10-12/11	11.96	--	94.67	<50	--	230	--	91	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
RW-2	05/07-08/12	11.40	--	95.23	<50	--	<30	--	<69	<0.5	<0.5	2	3	--	--	--	--	--	--	--	--
RW-2	11/12-14/12	13.50	--	93.13	87	--	<29	--	<67	5	<0.5	<0.5	0.9	--	--	--	--	--	--	--	--
RW-2	5/20-22/13	12.57	--	94.06	<50	--	<30	--	<69	1	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
RW-2	11/11-13/13	14.36	--	92.27	<50	--	<31	--	<73	2	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
RW-2	8/13/2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-2	6/18/2021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-3	07/07/93	16.14	--	84.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-3	07/24/02	--	--	--	UNABLE TO LOCATE																
RW-3	10/17-18/02	--	--	--	UNABLE TO LOCATE																
RW-3	01/21/03	--	--	--	UNABLE TO LOCATE																
RW-3	04/23-24/03	--	--	--	UNABLE TO LOCATE																
RW-3	06/30-07/01/03	--	--	--	UNABLE TO LOCATE																
RW-3	10/01-02/03	--	--	--	UNABLE TO LOCATE																
RW-3	01/21-23/04	10.32	--	90.38	**9,100**	--	**3,000**	--	270	**4,400**	360	520	**1,300**	--	--	--	--	12.0	--	--	--
RW-3	04/29-30/04	10.19	--	90.51	**11,000**	--	**5,200**	--	<250	**5,000**	750	550	**1,600**	--	--	--	--	10.6	--	--	--
RW-3	07/15-16/04	10.59	--	90.11	**18,900**	--	**1,300**	--	**1,330**	**5,350**	341	554	**1,350**	--	--	--	--	2.32	--	--	--
RW-3	10/28-11/01/04	10.98	--	89.72	**10,000**	--	**680**	--	<250	**4,800**	120	680	**1,100**	--	--	--	--	--	--	--	--
RW-3	01/24-31/05	10.49	--	90.21	**6,600**	--	**770**	--	<250	**3,000**	170	460	940	--	--	--	--	--	--	--	--
RW-3	04/18-21/05	10.17	--	90.53	**8,200**	--	**3,700**	--	<250	**3,900**	380	550	**1,300**	--	--	--	--	--	--	--	--
RW-3	07/27-28/05	10.45	--	90.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-3	11/08-10/05	10.57	--	90.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-3	04/17/06	10.72	--	89.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-3	10/18/06	12.55	--	88.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-3	8/13/2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-3	6/18/2021	9.74	--	90.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-3	9/26/2023	11.05	--	89.65	76.3 J	**655**	107 B J	293	<250	**5.44**	0.144 J	<0.100	0.200 J	--	--	<0.200	<6.00	--	**10.4**	1.66	--
RW-5	07/07/93	12.34	--	91.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-5	07/24/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-5	10/17-18/02	12.63	--	91.59	**3,370**	--	**84,900**	--	**3,650**	--	67.2	63.0	408	--	--	--	--	3.91	--	--	--
RW-5	01/21/03	11.81	--	92.41	493	--	**1,860**	--	<500	**17.1**	4.43	1.37	52.9	--	--	--	--	13.3	--	--	--
RW-5	04/23-24/03	11.31	--	92.91	**2,490**	--	**2,050**	--	<500	**9.73**	13.4	<5.00	870	--	--	--	--	7.31	--	--	--
RW-5	06/30-07/01/03	11.91	--	92.31	**2,170**	--	**8,010**	--	<500	**34.6**	20.3	8.10	**1,050**	--	--	--	--	1.98	--	--	--
RW-5	10/01-02/03	13.29	--	90.93	NOT SAMPLED DUE TO INSUFFICIENT WATER																
RW-5	01/21-23/04	11.52	--	92.70	470	--	**1,800**	--	<250	**64**	12	2.5	65	--	--	--	--	1.6	--	--	--
RW-5	04/29-30/04	11.88	--	92.34	NOT SAMPLED DUE TO INSUFFICIENT WATER/OBSTRUCTION																
RW-5	07/15-16/04	13.32	--	90.90	NOT SAMPLED DUE TO INSUFFICIENT WATER/OBSTRUCTION																
RW-5	10/28-11/01/04	12.98	--	91.24	**890**	--	**36,000**	--	**<10,000**	**120**	12	11	58	--	--	--	--	--	--	--	--
RW-5	01/24-31/05	11.31	--	92.91	**880**	--	**3,200**	--	360	**45**	13	6.6	190	--	--	--	--	--	--	--	--
RW-5	04/18-21/05	11.40	--	92.82	150	--	**1,900**	--	400	1.3	<0.5	0.8	9.4	--	--	--	--	--	--	--	--
RW-5	07/27-28/05	12.16	--	92.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-5	11/08-10/05	--	--	--	INACCESIBLE - UNABLE TO MONITOR DUE TO CONSTRUCTION																
RW-5	04/17/06	12.41	--	91.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-5	10/18/06	14.38	--	89.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-5	8/13/2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-5	6/18/2021	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SS1-W1	12/6/2017	10.75	--	138.08	<100	<200	--	<400	--	<1.0	<2.0	<1.0	<3.0	--	--	--	--	--	--	--	--

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Well ID	Date	DTW	NAPL Thickness	GWE	TPH-GRO	TPH-DRO - No Silica Gel	TPH-DRO - with Silica Gel	TPH-HO - No Silica Gel	TPH-HO - with Silica Gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead	Arsenic	Naphthalene Method 8270	Naphthalene Method 8260B
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L					**800/1,000**	**500**	**500**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**15**	**15**	**5**	**160**	**160**
SS1-W1	11/13/2018	11.92	--	136.91	<100	<50	--	<250	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--
SS1-W1	8/13/2020	12.45	--	136.34	<100	<200	<200	<250	<250	<1.0	<1.0	<1.0	<3.0	--	**<0.02**	--	<6.0	<6.0	--	<5.0	--
SS1-W1	9/28/2023	11.65	--	137.14	38.1 B J	<200	<200	<250	<250	0.0330 J	0.100 J	0.0380 J	0.243 J	--	--	<0.200	<6.00	--	**5.42 J**	<0.250	--
SS1-W1 (DUP)	9/28/2023	--	--	--	31.6 J	<200	<200	86.1 J	86.1 J	0.0350 J	0.129 J	0.0500 J	0.305	--	--	<0.200	<6.00	--	**<10.0**	<0.250	--
SS1-W2	12/6/2017	13.65	--	133.28	<100	<200	--	<400	--	<1.0	<2.0	<1.0	<3.0	--	--	--	--	--	--	--	--
SS1-W2	11/13/2018	14.54	--	132.39	<100	<50	--	<250	--	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--	--	--
SS1-W2	8/13/2020	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SS1-W2	8/16/2021	15.47	--	131.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VP-1	6/14/2000	--	--	--	**5,000**	--	**75,600**	--	**<12,500**	**21.6**	14.4	32.8	435	--	--	--	--	--	--	--	--
VP-1	7/24/2002	11.59	--	91.44	**35,000**	--	**18,000**	--	**1,500**	**120**	820	280	**4,600**	--	--	--	--	**22.9**	--	160	--
VP-1	10/17-18/02	12.70	--	90.33	**27,300**	--	**7,500**	--	**598**	**170**	756	334	**4,820**	--	--	--	--	**18.0**	--	--	--
VP-1	1/21/2003	12.70	--	90.33	**36,700**	--	**14,200**	--	**807**	**90.5**	801	500	**6,630**	--	--	--	--	**47.1**	--	--	--
VP-1	04/23-24/03	11.63	--	91.40	**24,200**	--	**2,830**	--	<500	**110**	136	225	**2,780**	--	--	--	--	**36.4**	--	--	--
VP-1	06/30-07/01/03	12.21	--	90.82	**8,000**	--	**20,200**	--	**1,750**	**36.8**	49.2	47.1	618	--	--	--	--	13.2	--	--	--
VP-1	10/01-02/03	13.11	--	89.92	**7,600**	--	**40,000**	--	**6,300**	**56**	47	22	690	--	--	--	--	**31.2**	--	--	--
VP-1	01/21-23/04	12.21	--	90.82	**4,500**	--	**17,000**	--	**3,200**	**11**	6.2	<20	85	--	--	--	--	4.2	--	--	--
VP-1	04/29-30/04	11.87	--	91.16	**4,200**	--	**3,600**	--	**1,100**	**24**	3.6	9.8	85	--	--	--	--	2.6	--	--	--
VP-1	07/15-16/04	13.41	--	89.62	**1,880**	--	**1,050**	--	<500	**21.7**	2.77	6.92	50.7	--	--	--	--	2.5	--	--	--
VP-1	8/3/2004	12.71	--	90.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VP-1	10/28-11/01/04	12.84	--	90.19	**2,100**	--	**35,000**	--	**18,000**	**25**	5.5	7.6	97	--	--	--	--	--	--	--	--
VP-1	01/24-31/05	12.38	--	90.65	670	--	**3,600**	--	**1,300**	**5.2**	0.8	1.4	13	--	--	--	--	--	--	--	--
VP-1	04/18-21/05	12.09	--	90.94	340	--	**5,500**	--	**2,200**	<1.0	<0.5	0.7	5.2	--	--	--	--	--	--	--	--
VP-1	07/27-28/05	12.38	--	90.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VP-1	11/08-10/05	13.48	--	89.55	NOT SAMPLED DUE TO INSUFFICIENT WATER																
VP-1	2/22/06	10.89	--	92.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VP-1	4/17/06	12.10	--	90.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VP-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VP-2	12/15/99	--	--	--	**5,980**	--	**29,900**	--	**<2,500**	**935**	345	43.8	305	--	--	--	--	--	--	--	--
VP-2	06/14/00	--	--	--	**2,030**	**2,810**	**2,810**	--	**<1,000**	**45.9**	16.2	<3.00	196	--	--	--	--	--	--	--	--
VP-2	07/24/02	--	--	--	UNABLE TO LOCATE																
VP-2	10/17-18/02	13.60	--	91.12	NOT SAMPLED DUE TO INSUFFICIENT WATER																
VP-2	01/21/03	13.63	--	91.09	NOT SAMPLED DUE TO INSUFFICIENT WATER																
VP-2	04/23-24/03	12.15	--	92.57	**6,230**	--	**12,100**	--	<250	**549**	42.6	106	**1,120**	--	--	--	--	1.52	--	--	--
VP-2	06/30-07/01/03	12.51	--	92.21	**3,330**	--	**35,900**	--	**1,380**	**180**	58.8	32.4	510	--	--	--	--	3.97	--	--	--
VP-2	10/01-02/03	14.12	--	90.60	NOT SAMPLED DUE TO INSUFFICIENT WATER																
VP-2	01/21-23/04	13.06	--	91.66	**1,700**	--	**480,000**	--	**<56,000**	**69**	16	<10	210	--	--	--	--	5.3	--	--	--
VP-2	04/29-30/04	10.53	--	94.19	**6,400**	--	**850**	--	**2,200**	**1,500**	94	68	760	--	--	--	--	2.1	--	--	--
VP-2	07/15-16/04	13.52	--	91.20	NOT SAMPLED DUE TO INSUFFICIENT WATER																
VP-2	08/03/04	13.66	--	91.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VP-2	10/28-11/01/04	14.18	--	90.93	NOT SAMPLED DUE TO INSUFFICIENT WATER																
VP-2	01/24-31/05	13.51	--	91.60	640	--	**24,000**	--	**1,600**	**23**	3.6	5.3	57	--	--	--	--	--	--	--	--
VP-2	04/18-21/05	13.20	--	91.91	<50	--	**120,000**	--	**8,700**	2.1	<0.5	<0.5	3.6	--	--	--	--	--	--	--	--
VP-2	07/27-28/05	13.75	--	91.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VP-2	11/08-10/05	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER																
VP-2	02/22/06	12.02	--	93.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VP-2	04/17/06	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER																
VP-2	10/17/06	14.66	--	90.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VP-2	04/17/07	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER																
VP-2	12/04/07	14.70	--	90.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VP-2	04/28/08	14.65	--	90.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 2
Groundwater Gauging Data and Analytical Results
Former Texaco Service Station No. 211577
631 Queen Anne Avenue North, Seattle, WA 98109

Well ID	Date	DTW	NAPL Thickness	GWE	TPH-GRO	TPH-DRO - No Silica Gel	TPH-DRO - with Silica Gel	TPH-HO - No Silica Gel	TPH-HO - with Silica Gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead	Arsenic	Naphthalene Method 8270	Naphthalene Method 8260B
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L					**800/1,000**	**500**	**500**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**15**	**15**	**5**	**160**	**160**
VP-2	11/03/08	14.76	--	90.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VP-2	04/13-16/09	13.88	--	91.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VP-2	10/12-15/09	14.47	--	90.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VP-2	04/19-22/10	12.25	--	92.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VP-2	01/17-20/11	11.58	--	93.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VP-2	05/10-12/11	11.97	--	93.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VP-2	05/07-08/12	12.12	--	92.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VP-2	11/12-14/12	13.48	--	91.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VP-2	5/20-22/13	12.15	--	92.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VP-2	11/11-13/13	13.88	--	91.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VP-2	8/13/2020	14.78	--	123.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VP-4	06/13/00	--	--	--	**26,400**	--	**1,850**	--	<552	**1,020**	**3,270**	809	**6,160**	--	--	--	--	--	--	--	--
VP-4	07/24/02	11.89	--	91.46	**89,000**	--	**78,000**	--	<9,700	**7,300**	**7,500**	**1,900**	**13,000**	--	--	--	--	**28.0**	--	--	--

Table 2
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Well ID	Date	DTW	NAPL Thickness	GWE	TPH-GRO	TPH-DRO - No Silica Gel	TPH-DRO - with Silica Gel	TPH-HO - No Silica Gel	TPH-HO - with Silica Gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead	Arsenic	Naphthalene Method 8270	Naphthalene Method 8260B
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L					**800/1,000**	**500**	**500**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**15**	**15**	**5**	**160**	**160**
VP-4	10/17-18/02	12.78	0.03	90.59	NOT SAMPLED DUE TO THE PRESENCE OF NAPL																
VP-4	01/21/03	12.71	0.10	90.72	NOT SAMPLED DUE TO THE PRESENCE OF NAPL																
VP-4	04/23-24/03	11.75	0.03	91.62	NOT SAMPLED DUE TO THE PRESENCE OF NAPL																
VP-4	06/30-07/01/03	12.34	0.03	91.03	NOT SAMPLED DUE TO THE PRESENCE OF NAPL																
VP-4	10/01-02/03	13.29	0.03	90.08	NOT SAMPLED DUE TO THE PRESENCE OF NAPL																
VP-4	01/21-23/04	12.37	0.03	91.00	NOT SAMPLED DUE TO THE PRESENCE OF NAPL																
VP-4	04/29-30/04	12.21	--	91.14	150	--	**28,000**	--	<2,300	1.7	2.6	1	20	--	--	--	--	4.0	--	--	--
VP-4	07/15-16/04	12.62	--	90.73	**32,200**	--	**18,600**	--	**789**	**2,230**	746	212	**3,710**	--	--	--	--	8.9	--	--	--
VP-4	08/03/04	12.91	--	90.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VP-4	10/28-11/01/04	12.98	--	90.37	**48,000**	--	**330,000**	--	<100,000	**2,500**	**1,400**	560	**5,400**	--	--	--	--	--	--	--	--
VP-4	01/24-31/05	12.38	--	90.97	**19,000**	--	**110,000**	--	<9,500	**360**	750	89	**2,000**	--	--	--	--	--	--	--	--
VP-4	04/18-21/05	12.14	--	91.21	**2,800**	--	**46,000**	--	<10,000	**23**	30	6.8	270	--	--	--	--	--	--	--	--
VP-4	07/27-28/05	12.51	--	90.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VP-4	11/08-10/05	12.91	--	90.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VP-4	02/22/06	11.03	--	92.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VP-4	04/17/06	12.12	--	91.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VP-4	10/17/06	14.10	--	89.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VP-4	04/17/07	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER																
VP-4	12/04/07	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER																
VP-4	04/28/08	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER																
VP-4	11/03/08	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER																
VP-4	04/13-16/09	12.89	--	90.46	NOT SAMPLED DUE TO INSUFFICIENT WATER																
VP-4	10/12-15/09	13.30	--	90.05	NOT SAMPLED DUE TO INSUFFICIENT WATER																
VP-4	04/19-22/10	11.32	--	92.03	640	--	**13,000**	--	**2,600**	2	0.7	0.8	6	--	--	--	--	--	--	--	--
VP-4	01/17-20/11	10.92	--	92.43	350	--	**8,500**	--	**2,300**	0.7	<0.5	<0.5	3	--	--	--	--	--	--	--	--
VP-4	05/10-12/11	10.91	--	92.44	280	--	**2,200**	--	**510**	1	<0.5	0.6	7	--	--	--	--	--	--	--	--
VP-4	05/07-08/12	11.15	--	92.20	430	--	**19,000**	--	**3,200**	1	0.6	1	2	--	--	--	--	--	--	--	--
VP-4	11/12-14/12	12.42	--	90.93	350	--	**26,000**	--	**3,300**	1	0.6	0.5	2	--	--	--	--	--	--	--	--
VP-4	5/20-22/13	11.21	--	92.14	**1,100**	--	**2,800**	--	430	2	1.0	2	5	--	--	--	--	--	--	--	--
VP-4	11/11-13/13	12.78	--	90.57	560	--	**8,400**	--	**1,500**	0.8	0.6	<0.5	1	--	--	--	--	--	--	--	--
VP-4	8/12/2020	13.12	--	123.01	**918**	**829**	208	179 J	<250	0.652 J	1.14	1.21	10.9	--	**<0.02**	--	<6.0	<6.0	--	5.79 J0	--
MW-3A	9/26/2023	10.90	--	--	363	**711**	312 B	160 J	<250	0.802	0.438	0.147	0.603	--	--	<0.200	<6.00	--	**22.7**	<0.250	--
MW-11A	9/27/2023	12.40	--	117.79	74.9 B J	114 J	114 J	162 J	162 J	0.049	0.200 J	0.0630 J	0.463	--	--	<0.200	<6.00	--	**47.1**	<0.250	--
MW-7U	9/28/2023	13.77	--	123.96	**2,050**	**1,050**	478 B	<250	201 B J	**12.4**	8.26	19.4	19.1	--	--	<0.200	8.04	3.84 J	**19.7**	1.26	--
MW-8U	9/28/2023	--	--	--	**819**	**1,680**	87.9 J	88.2 J	<250	1.06	1.01	0.753	0.543	--	--	<0.200	**18.3**	11.8	**<10.0**	0.38	--
MW-10U	9/28/2023	14.33	--	100.95	**4,220**	400	486 B	<250	**508 B**	1.35	1.75	50.5	6.86	--	--	<0.200	6.53	6.33	**16.5**	35.3	--
MW-11U	9/28/2023	9.00	--	121.19	**1,940**	**503**	178 J	<250	96.7 J	1.06	2.07	3.46	1.12	--	--	<0.200	6.62	6.61	**<10.0**	1.02	--

Notes:

Results reported in micrograms per liter (µg/L).

1. A filtered sample was also analyzed for dissolved arsenic; which is below the method reporting limit.

Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs)

800/1,000 = GRO MTCA Method A CUL with benzene present is 800 µg/L and without is 1,000 µg/L

BOLD and highlighted values are greater than their respective MTCA Method A CUL.

BOLD values are non-detect below the laboratory reporting limit (RL), but the RL is greater than the MTCA Method A CUL.

Methods:

GRO, DRO, HO analyzed by Ecology Northwest Methods

Benzene, toluene, ethylbenzene, and total xylenes (BTEX), naphthalene, MTBE, and EDC analyzed by United States Environmental Protection Agency (USEPA) Metho

Naphthalene also analyzed by United States Environmental Protection Agency (USEPA) Method 8270

Lead by USEPA Method 6010C

EDB by USEPA Method 8011

Abbreviations:

DTW = Depth to water; DTW in feet below TOC

NAPL = Non-aqueous phase liquid; NAPL thickness in feet

GWE = Groundwater elevation; GWE in feet based on Washington State Plane, North Zone, NAD 83 (2011)

GRO = Gasoline Range Organics analyzed by Ecology Method NWTPH-Gx

DRO = Diesel Range Organics analyzed by Ecology Method NWTPH-Dx

HO = Heavy Oil Range Organics analyzed by Ecology Method NWTPH-Dx

MTBE = Methyl tertiary-butyl ether

EDB = Ethylene dibromide

EDC = 1,2-Dichloroethane

-- = Not analyzed/not applicable

< = Analytical result is less than reporting limit shown

DUP = Duplicate sample

TOC = Top of casing; TOC elevation surveyed in feet on 8/12 - 8/13/2020 based on Washington State Plane, North Zone, NAD 83 (2011).

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Groundwater Gauging Data and Analytical Results
Former Texaco Service Station No. 211577
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Well ID	Date	DTW	NAPL Thickness	GWE	TPH-GRO	TPH-DRO - No Silica Gel	TPH-DRO - with Silica Gel	TPH-HO - No Silica Gel	TPH-HO - with Silica Gel	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead	Arsenic	Naphthalene Method 8270	Naphthalene Method 8260B
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L					**800/1,000**	**500**	**500**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**15**	**15**	**5**	**160**	**160**

Prior to 2020, the TOC elevation was based on an arbitrary benchmark. (Leidos. 2013. Second Annual GWM Report)

Laboratory qualifiers:

J = estimated value – The result is greater than or equal to the Method Detection Limit (MDL) and less than the Limit of Quantitation (LOQ)

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

Table 3
Groundwater Gauging Data and Analytical Results - Chlorinated VOCs
Former Texaco Service Station No. 211577
631 Queen Anne Avenue North, Seattle, WA 98109

Well ID	Date	TOC	DTW	NAPL	GWE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	PCE	TCE	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene
Model Toxics Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L						**16**	**--**	**0.2**	**5**	**5**	**--**	**--**
DPE-1/VP-6	8/14/2020	--	--	--	--	--	--	--	--	--	--	--
DPE-2	8/12/2020	135.67	12.53	--	123.14	**17.6**	--	--	0.542 J	1.54	0.561 J	0.926 J
DPE-3	8/14/2020	136.88	--	--	--	--	--	--	--	--	--	--
DPE-3	9/27/2023	136.88	12.91	--	123.97	6.77	<0.200	0.156	1.57	1.31	0.236	0.102 J
DPE-4	8/14/2020	135.11	12.50	--	122.61	--	--	--	--	--	--	--
DPE-4	9/26/2023	135.11	12.20	--	122.91	<0.100	<0.200	<0.100	<0.100	<0.0400	0.0690 J	<0.200
DPE-9	9/27/2023	136.17	11.93	--	124.24	<0.100	<0.200	<0.100	0.0410 J	<0.0400	<0.200	<0.200
MP-1	8/13/2020	--	--	--	--	--	--	--	--	--	--	--
MP-2	8/13/2020	--	116.45	--	--	--	--	--	--	--	--	--
MW-2/VP-3	--	--	--	--	--	--	--	--	--	--	--	--
MW-3/VP-7	3/26-28/91	--	--	--	--	--	--	--	**29 J**	**67 J**	--	--
MW-3/VP-7	07/93	--	--	--	--	--	--	--	--	--	--	--
MW-3/VP-7	8/10/2020	133.22	10.82	--	122.40	--	--	--	--	--	--	--
MW-4	07/93	--	--	--	--	--	--	--	--	--	--	--
MW-4	7/24/2002	--	--	--	--	<8.0	--	--	<8.0	<10	1,800	500
MW-4	8/12/2020	134.76	12.17	--	122.59	<1.0	--	--	<1.0	<1.0	<1.0	<1.0
MW-4	9/26/2023	134.76	11.92	--	122.84	<0.100	<0.200	<0.100	<0.100	<0.0400	<0.200	<0.200
MW-5/VP-5	8/12/2020	135.44	12.78	--	122.66	**124**	--	--	**11**	**35.3**	<1.0	<1.0
MW-7/VP-8	3/26-28/91	--	--	--	--	--	--	--	**140**	**170**	--	--
MW-7/VP-8	07/93	--	--	--	--	--	--	--	--	--	--	--
MW-7/VP-8	10/95	--	--	--	--	**26**	--	--	**167**	**69**	19	6.2
MW-7/VP-8	01/97	--	--	--	--	<10	--	--	**<10**	**<10**	109	111
MW-7/VP-8	04/97	--	--	--	--	5.1	--	--	**<10**	**<10**	290	170
MW-7/VP-8	07/97	--	--	--	--	**483**	--	--	**53**	**80**	282	143
MW-7/VP-8	11/97	--	--	--	--	**135**	--	--	**120**	**106**	27	15
MW-7/VP-8	8/12/2020	137.73	14.34	--	123.39	**185**	--	--	**13.1**	**39**	<1.0	<1.0
MW-7/VP-8	9/26/2023	137.73	12.99	--	124.74	**69.6**	<0.200	<0.100	**69.6**	**25.9**	<0.200	<0.200
MW-10	9/28/2023	115.28	14.20	--	101.08	0.0450 J	<0.200	<0.100	<0.100	<0.0400	<0.200	<0.200
MW-10 (DUP)	9/28/2023	--	--	--	--	<0.100	<0.200	<0.100	<0.100	<0.0400	<0.200	<0.200
MW-11	7/24/2002	--	--	--	--	<1	--	--	<1	<1	<1	<1
MW-11	8/14/2020	130.19	--	--	--	--	--	--	--	--	--	--
MW-12	10/17-18/02	130.19	--	--	--	9.07	--	--	**9.58**	2.75	<1.00	<1.00
MW-12	8/14/2020	--	--	--	--	--	--	--	--	--	--	--
MW-14	8/14/2020	--	--	--	--	--	--	--	--	--	--	--
MW-14	9/26/2023	101.56	11.62	--	89.94	<0.100	<0.200	<0.100	<0.100	<0.0400	0.376	0.151 J
MW-15	8/14/2020	--	--	--	--	--	--	--	--	--	--	--
MW-15	9/27/2023	99.03	8.81	--	90.22	5.91	<0.200	0.0520 J	0.194	0.528	0.0790 J	<0.200
MW-16	8/9/2019	134.58	12.11	--	122.47	<0.0933	<0.152	<0.118	<0.199	<0.153	--	--

Table 3
Groundwater Gauging Data and Analytical Results - Chlorinated VOCs
Former Texaco Service Station No. 211577
631 Queen Anne Avenue North, Seattle, WA 98109

Well ID	Date	TOC	DTW	NAPL	GWE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	PCE	TCE	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene
MW-16	8/12/2020	134.58	12.03	--	122.55	<1.0	--	--	<1.0	<1.0	<1.0	<1.0
MW-16	9/27/2023	134.58	12.01	--	122.57	<0.100	<0.200	<0.100	<0.100	<0.0400	<0.200	<0.200
MW-17	8/9/2019	132.70	9.99	--	122.71	<0.0933	<0.152	<0.118	<0.199	<0.153	--	--
MW-17	8/11/2020	--	9.81	--	--	<1.0	--	--	<1.0	<1.0	<1.0	<1.0
MW-17	8/11/2020	--	9.81	--	--	<1.0	--	--	<1.0	<1.0	<1.0	<1.0
MW-17	9/27/2023	--	9.84	--	--	<0.100	<0.200	<0.100	0.0510 J	<0.0400	<0.200	<0.200
MW-18	8/11/2020	134.36	11.81	--	122.55	**24.7**	--	--	<1.0	<1.0	1.7	0.194 J
MW-18	9/25/2023	134.36	11.16	--	123.20	**19.3**	0.149 J	0.101	**60.1**	**56.5**	0.0820 J	<0.200
MW-19	8/12/2020	134.02	--	--	--	--	--	--	--	--	--	--
MW-20	10/28-11/01/04	--	--	--	--	<0.8	--	--	<0.8	<1	--	--
MW-20	8/12/2020	138.44	8.10	--	130.34	<1.0	--	--	<1.0	<1.0	<1.0	<1.0
MW-20	9/27/2023	138.44	8.29	--	130.15	<0.100	<0.200	<0.100	<0.100	<0.0400	<0.200	<0.200
MW-21	8/13/2020	127.58	25.75	--	101.83	**87.5**	--	--	**13.5**	**31.9**	<1.0	<1.0
MW-21	9/25/2023	127.58	25.55	--	102.03	**63.1**	0.348	**0.795**	**10.1**	**19.7**	<0.200	<0.200
MW-22/DPE-8	10/26-27/04	--	--	--	--	8	--	--	4	**9**	--	--
MW-22/DPE-8	8/14/2020	137.25	14.11	--	123.14	--	--	--	--	--	--	--
MW-22/DPE-8	9/28/2023	137.25	13.57	--	123.68	<0.100	<0.200	<0.100	<0.100	<0.0400	<0.200	<0.200
MW-23	10/26-27/04	--	--	--	--	<8	--	--	<8	<10	--	--
MW-23	8/10/2020	--	--	--	--	--	--	--	--	--	--	--
MW-24	10/26-27/04	--	--	--	--	<0.8	--	--	<0.8	<1	--	--
MW-24	8/14/2020	--	--	--	--	--	--	--	--	--	--	--
MW-25	10/26-27/04	--	--	--	--	<4	--	--	<4	<5	--	--
MW-25	8/12/2020	134.80	11.90	--	122.90	<1.0	--	--	<1.0	<1.0	<1.0	<1.0
MW-25	9/26/2023	134.80	12.14	--	122.66	<0.100	<0.200	<0.100	<0.100	<0.0400	<0.200	<0.200
MW-25 (DUP)	9/26/2023	--	--	--	--	<0.100	<0.200	<0.100	<0.100	<0.0400	<0.200	<0.200
MW-26	10/28-11/01/04	--	--	--	--	<4	--	--	<4	<5	--	--
MW-26	8/9/2019	133.28	10.96	--	122.32	<0.0933	<0.152	<0.118	<0.199	<0.153	--	--
MW-26	8/12/2020	133.28	10.94	--	122.34	<1.0	--	--	<1.0	<1.0	<1.0	<1.0
MW-26	9/27/2023	133.28	10.95	--	122.33	<0.100	<0.200	<0.100	<0.100	<0.0400	<0.200	<0.200
MW-27	8/11/2020	130.03	29.94	--	100.09	<1.0	--	--	<1.0	<1.0	<1.0	<1.0
MW-27	9/29/2023	130.03	29.80	--	100.23	<0.100	<0.200	<0.100	<0.100	<0.0400	0.0660 J	<0.200
MW-28	8/11/2020	120.58	21.18	--	99.40	<1.0	--	--	<1.0	<1.0	<1.0	<1.0
MW-28	9/29/2023	120.58	21.04	--	99.54	<0.100	<0.200	<0.100	0.259	0.044	<0.200	<0.200
MW-29	8/11/2020	113.73	14.35	--	99.38	<1.0	--	--	<1.0	<1.0	<1.0	<1.0
MW-29	9/29/2023	113.73	15.00	--	98.73	0.154	<0.200	<0.100	<0.100	<0.0400	<0.200	<0.200
MW-30	8/11/2020	124.61	24.76	--	99.85	0.510 J	--	--	**8.85**	**5.28**	<1.0	<1.0
MW-30	9/29/2023	124.61	24.61	--	100.00	0.263	<0.200	<0.100	5.00	3.32	<0.200	<0.200
MW-31	8/11/2020	120.07	19.98	--	100.09	<1.0	--	--	<1.0	<1.0	<1.0	<1.0
MW-31	9/29/2023	120.07	19.91	--	100.16	<0.100	<0.200	<0.100	<0.100	<0.0400	<0.200	<0.200
MW-32	07/27-28/05	--	--	--	--	<3	--	--	<3	<4	--	--
MW-32	8/9/2019	133.91	11.82	--	122.09	<0.0933	<0.152	<0.118	<0.199	<0.153	--	--
MW-32	8/13/2020	133.91	11.70	--	122.21	<1.0	--	--	<1.0	<1.0	<1.0	<1.0

Table 3
Groundwater Gauging Data and Analytical Results - Chlorinated VOCs
Former Texaco Service Station No. 211577
631 Queen Anne Avenue North, Seattle, WA 98109

Well ID	Date	TOC	DTW	NAPL	GWE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	PCE	TCE	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene
MW-32	9/27/2023	133.91	11.80	--	122.11	<0.100	<0.200	<0.100	<0.100	<0.0400	<0.200	<0.200
MW-33	07/27-28/05	--	--	--	--	<3	--	--	<3	<4	--	--
MW-33	8/9/2019	133.12	28.16	--	104.96	<0.0933	<0.152	<0.118	<0.199	<0.153	--	--
MW-33	8/12/2020	133.12	27.98	--	105.14	<1.0	--	--	<1.0	<1.0	<1.0	<1.0
MW-33	9/29/2023	133.12	27.92	--	105.20	<0.100	<0.200	<0.100	<0.100	<0.0400	<0.200	<0.200
MW-33 (DUP)	9/29/2023	133.12	--	--	--	<0.100	<0.200	<0.100	<0.100	<0.0400	<0.200	<0.200
MW-34	11/28/2005	--	--	--	--	<0.8	--	--	1	<1	--	--
MW-34	8/11/2020	127.12	27.07	--	100.05	<1.0	--	--	3.03	0.360 J	<1.0	<1.0
MW-34	9/29/2023	127.12	26.99	--	100.13	<0.100	<0.200	<0.100	0.804	0.0340 J	<0.200	<0.200
MW-35	11/28/2005	--	--	--	--	<0.8	--	--	<0.8	<1	--	--
MW-35	8/9/2019	133.33	30.51	--	102.82	<0.0933	<0.152	<0.118	<0.199	<0.153	--	--
MW-35	8/11/2020	133.33	30.50	--	102.83	<1.0	--	--	<1.0	<1.0	<1.0	<1.0
MW-35	9/29/2023	133.33	30.25	--	103.08	<0.100	<0.200	<0.100	<0.100	<0.0400	<0.200	<0.200
MW-36	9/26/2023	--	15.62	--	--	<0.100	<0.200	<0.100	<0.100	<0.0400	<0.200	<0.200
MW-37	9/26/2023	--	15.13	--	--	<0.100	<0.200	<0.100	<0.100	<0.0400	2.84	6.77
MW-38	9/26/2023	--	14.30	--	--	<0.100	<0.200	<0.100	<0.100	<0.0400	0.295	<0.200
MW-46	9/25/2023	--	11.45	--	--	**48.5**	0.273	**0.322**	**12.1**	**9.54**	<0.200	<0.200
MW-342	9/28/2023	--	15.45	--	--	<0.100	<0.200	<0.100	<0.100	<0.0400	<0.200	<0.200
MW-343	9/28/2023	--	12.96	--	--	<0.100	<0.200	<0.100	<0.100	<0.0400	<0.200	<0.200
OTBMW-1	8/9/2019	134.93	12.50	--	122.43	<0.0933	<0.152	<0.118	<0.199	<0.153	--	--
OTBMW-1	9/29/2023	134.93	12.40	--	122.53	<0.100	<0.200	<0.100	<0.100	<0.0400	<0.200	<0.200
OTBMW-2	8/9/2019	134.72	12.39	--	122.33	<0.0933	<0.152	<0.118	<0.199	<0.153	--	--
OTBMW-2	9/27/2023	134.72	12.28	--	122.44	<0.100	<0.200	<0.100	<0.100	<0.0400	<0.200	<0.200
OTBMW-2 (DUP)	9/27/2023	134.72		--	134.72	<0.100	<0.200	<0.100	<0.100	<0.0400	<0.200	<0.200
QAAMW-1	8/9/2019	128.93	24.78	--	104.15	**93.7**	0.872	<0.118	**51.2**	**33.9**	--	--
QAAMW-1	9/25/2023	128.93	24.50	--	104.43	**59.5**	0.603	0.121	**38.1**	**24.4**	<0.200	<0.200
PESMW-1	9/25/2023	--	21.20	--	--	<0.100	<0.200	<0.100	<0.100	<0.0400	<0.200	<0.200
RW-2	09/1990	104.55	12.72	0.04	91.86	Not sampled due to presence of LNAPL						
RW-2	3/26-28/91	104.55	10.21	0.08	94.40	--	--	--	--	--	--	--
RW-2	01/97	--	--	--	--	<1	--	--	<1	<1	7.6	17
RW-2	04/97	--	--	--	--	<1	--	--	<1	<1	364	150
RW-2	07/97	--	--	--	--	**<50**	--	--	<25	<25	681	255
RW-2	11/97	--	--	--	--	<1	--	--	<1	<1	371	246
RW-2	10/17-18/02	106.64	14.44	--	92.20	--	--	--	--	--	--	--
RW-2	1/21/2003	106.64	10.61	--	96.03	--	--	--	--	--	--	--
RW-2	04/23-24/03	106.64	10.30	--	96.34	--	--	--	--	--	--	--
RW-2	06/30-07/01/03	106.64	13.72	--	92.92	--	--	--	--	--	--	--
RW-2	10/01-02/03	106.64	15.05	--	91.59	--	--	--	--	--	--	--
RW-2	01/21-23/04	106.64	10.22	--	96.42	--	--	--	--	--	--	--
RW-2	04/29-30/04	106.64	13.31	--	93.33	--	--	--	--	--	--	--
RW-2	07/15-16/04	106.64	14.41	--	92.23	--	--	--	--	--	--	--
RW-2	10/28-11/01/04	106.64	14.68	--	91.96	--	--	--	--	--	--	--
RW-2	01/24-31/05	106.64	11.57	--	95.07	--	--	--	--	--	--	--

Table 3
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Former Texaco Service Station No. 211577
631 Queen Anne Avenue North, Seattle, WA 98109

Well ID	Date	TOC	DTW	NAPL	GWE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	PCE	TCE	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene
RW-2	04/18-21/05	106.64	9.18	--	97.46	--	--	--	--	--	--	--
RW-2	04/17-18/07	106.64	17.12	--	89.52	--	--	--	--	--	--	--
RW-2	12/04-06/07	106.64	15.21	--	91.43	--	--	--	--	--	--	--
RW-2	04/28-29/08	106.64	15.84	--	90.80	--	--	--	--	--	--	--
RW-2	11/4/2008	106.64	15.66	--	90.98	--	--	--	--	--	--	--
RW-2	4/13-16/09	106.64	13.80	--	92.84	--	--	--	--	--	--	--
RW-2	10/12-15/09	106.64	14.75	--	91.89	--	--	--	--	--	--	--
RW-2	04/19-22/10	106.64	12.56	--	94.08	--	--	--	--	--	--	--
RW-2	01/17-20/11	106.64	9.70	--	96.94	--	--	--	--	--	--	--
RW-2	05/10-12/11	106.64	11.96	--	94.68	--	--	--	--	--	--	--
RW-2	05/07-08/12	106.64	11.40	--	95.24	--	--	--	--	--	--	--
RW-2	11/12-14/12	106.64	13.50	--	93.14	--	--	--	--	--	--	--
RW-2	5/20-22/13	106.64	12.57	--	94.07	--	--	--	--	--	--	--
RW-2	11/11-13/13	106.64	14.36	--	92.28	--	--	--	--	--	--	--
RW-3	9/26/2023	--	11.05	--	--	<0.100	<0.200	<0.100	<0.100	<0.0400	<0.200	<0.200
RW-5	8/13/2020	--	--	--	--	--	--	--	--	--	--	--
SS1-W1	8/13/2020	148.79	12.45	--	136.34	<1.0	--	--	<1.0	<1.0	<1.0	<1.0
SS1-W1	9/28/2023	148.79	11.65	--	137.14	0.0730 J	<0.200	<0.100	<0.100	<0.0400	<0.200	<0.200
SS1-W1 (DUP)	9/28/2023	148.79	--	--	--	0.0800 J	<0.200	<0.100	<0.100	<0.0400	<0.200	<0.200
SS1-W2	--	146.85	--	--	--	--	--	--	--	--	--	--
VP-1	--					--	--	--	--	--	--	--
VP-2	8/13/2020	137.97	14.78	--	123.19	--	--	--	--	--	--	--
VP-4	8/12/2020	136.13	13.12	--	123.01	7.54	--	--	<1.0	0.225 J	49	53.9
MW-3A	9/26/2023	--	10.90	--	--	1.12	<0.200	<0.100	<0.100	0.06	0.170 J	<0.200
MW-11A	9/27/2023	--	12.40	--	--	**40.5**	0.0550 J	0.0990 J	2.13	4.22	<0.200	<0.200
MW-7U	9/28/2023	--	13.77	--	--	<0.100	<0.200	<0.100	0.0320 J	<0.0400	4.09	9.42
MW-8U	9/28/2023	--	--	--	--	1.44	<0.200	<0.100	0.0940 J	0.489	0.163 J	<0.200
MW-10U	9/28/2023	--	14.33	--	--	<0.100	<0.200	<0.100	<0.100	0.07	0.674	3.94
MW-11U	9/28/2023	--	9.00	--	--	4.23	<0.200	<0.100	0.146	0.644	<0.200	2.64
GROUNDWATER GRAB SAMPLE												
SB-4	8/7/2019	--	--	--	--	**23.2**	0.15	**9.06**	<0.119	0.52	--	--

Table 3
Groundwater Gauging Data and Analytical Results - Chlorinated VOCs
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631 Queen Anne Avenue North, Seattle, WA 98109

Well ID	Date	TOC	DTW	NAPL	GWE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	PCE	TCE	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene

Notes:

Results reported in micrograms per liter (µg/L)

BOLD and highlighted values are greater than their respective MTCA Method A CUL.

BOLD values are non-detect below the laboratory reporting limit (RL), but the RL is greater than the MTCA Method A CUL.

DTW = Depth to water in feet below TOC

NAPL = Non-aqueous phase liquid thickness in feet

GWE = Groundwater elevation

J = estimated value – The result is greater than or equal to the Method Detection Limit (MDL) and less than the Limit of Quantitation (LOQ)

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

TOC = Top of casing; TOC elevation surveyed in feet on 8/12 - 8/13/2020 based on Washington State Plane, North Zone, NAD 83 (2011). Prior to 2020 the TOC elevation was based on an arbitrary benchmark. (Leidos. 2013. Second Annual GWM Report)

MTBE = Methyl tertiary-butyl ether

EDB = Ethylene dibromide

EDC = 1,2-Dichloroethane

GRO = Gasoline Range Organics analyzed by Ecology Method NWTPH-Gx

DRO = Diesel Range Organics analyzed by Ecology Method NWTPH-Dx

HO = Heavy Oil Range Organics analyzed by Ecology Method NWTPH-Dx

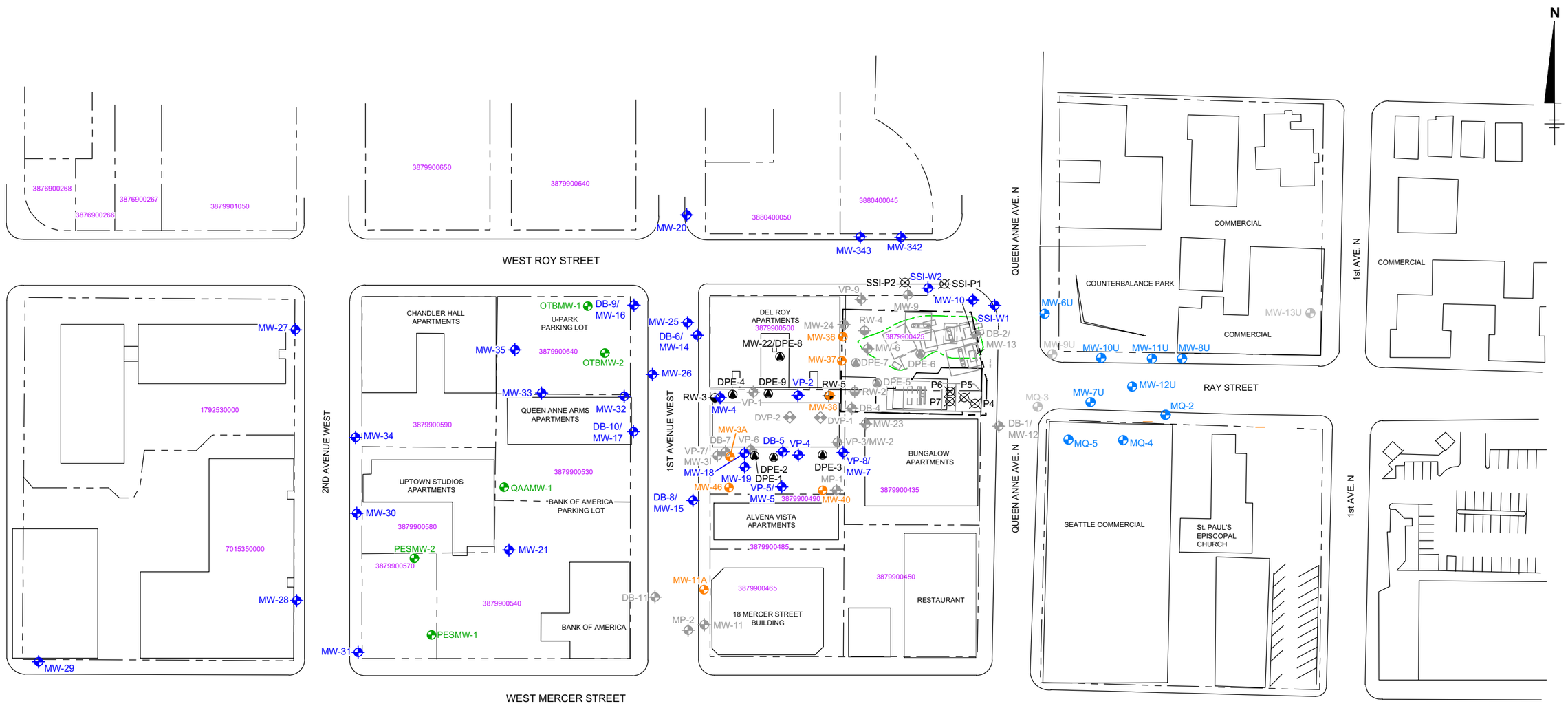
800/1,000 = GRO MTCA Method A CUL with benzene present is 800 µg/L and without is 1,000 µg/l

-- = Not analyzed/not applicable

< = Analytical result is less than reporting limit shown

DUP = Duplicate sample

FIGURES



LEGEND:

- APPROXIMATE PROPERTY BOUNDARY
- APPROXIMATE LOCATION OF 1993 UST EXCAVATION BOUNDARY
- PARCEL LINE
- 3880400045 PARCEL ID
- CHEVRON 211577 MONITORING WELL
- UNOCAL 306566 MONITORING WELL
- PES MONITORING WELL
- MONITORING WELL INSTALLED APRIL 2023
- EXTRACTION WELL
- RECOVERY WELL
- RGI TEST PROBE LOCATION (SEE NOTE 1)
- ABANDONED OR INACCESSIBLE MONITORING WELL/ EXTRACTION WELL/ RECOVERY WELL/ VAPOR PROBE
- UNABLE TO LOCATE

NOTE:

1. RGI TEST PROBE LOCATIONS REPRESENT GRAB GROUNDWATER SAMPLES.

0 100' 200'

APPROXIMATE SCALE : 1 in. = 100 ft.

SOURCE: BASEMAP TRACED FROM RILEYGROUP HISTORICAL PROPERTY FEATURES FIGURE

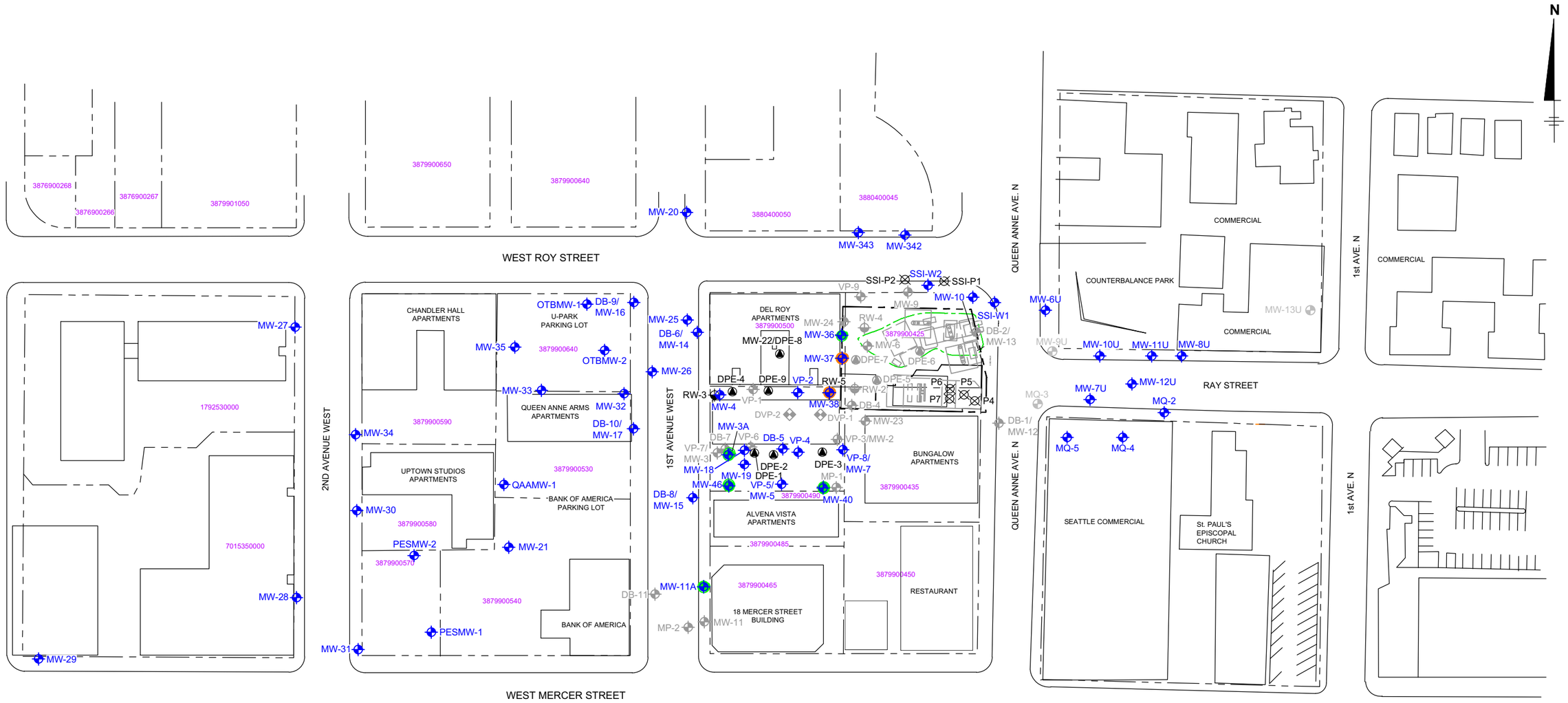
FORMER CHEVRON FACILITY #211577
631 QUEEN ANNE AVENUE NORTH
SEATTLE, WASHINGTON

SITE PLAN

ARCADIS

FIGURE 1

CITY:EMERYVILLE, CA DIV/GROUP:ENVCAD DB:A.REYES
C:\Users\jlharris\DCACCDocs\Arcadis\AUS-CHEVRON-211577-SEATTLE Washington\Project Files\2023\01-In Progress\01-DWG\GEN-F01-SP.dwg LAYOUT: 1
BY: HARRIS, JESS
XREFS:
IMAGES:
Arcadis Logo.PNG
LAYOUT: 1 SAVED: 8/31/2023 5:05 PM ACADVER: 24.2S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 8/31/2023 5:35 PM



LEGEND:

- APPROXIMATE PROPERTY BOUNDARY
- APPROXIMATE LOCATION OF 1993 UST EXCAVATION BOUNDARY
- PARCEL LINE
- 3880400045 PARCEL ID
- MONITORING WELL
- EXTRACTION WELL
- RECOVERY WELL
- RGI TEST PROBE LOCATION (SEE NOTE 1)
- ABANDONED OR INACCESSIBLE MONITORING WELL/ EXTRACTION WELL/ RECOVERY WELL/ VAPOR PROBE
- UNABLE TO LOCATE
- CONSTITUENTS ANALYZED DOES NOT EXCEED MTCA METHOD A CULs
- ONE OR MORE CONSTITUENTS ANALYZED EXCEED MTCA METHOD A CULs

0 100' 200'

APPROXIMATE SCALE : 1 in. = 100 ft.

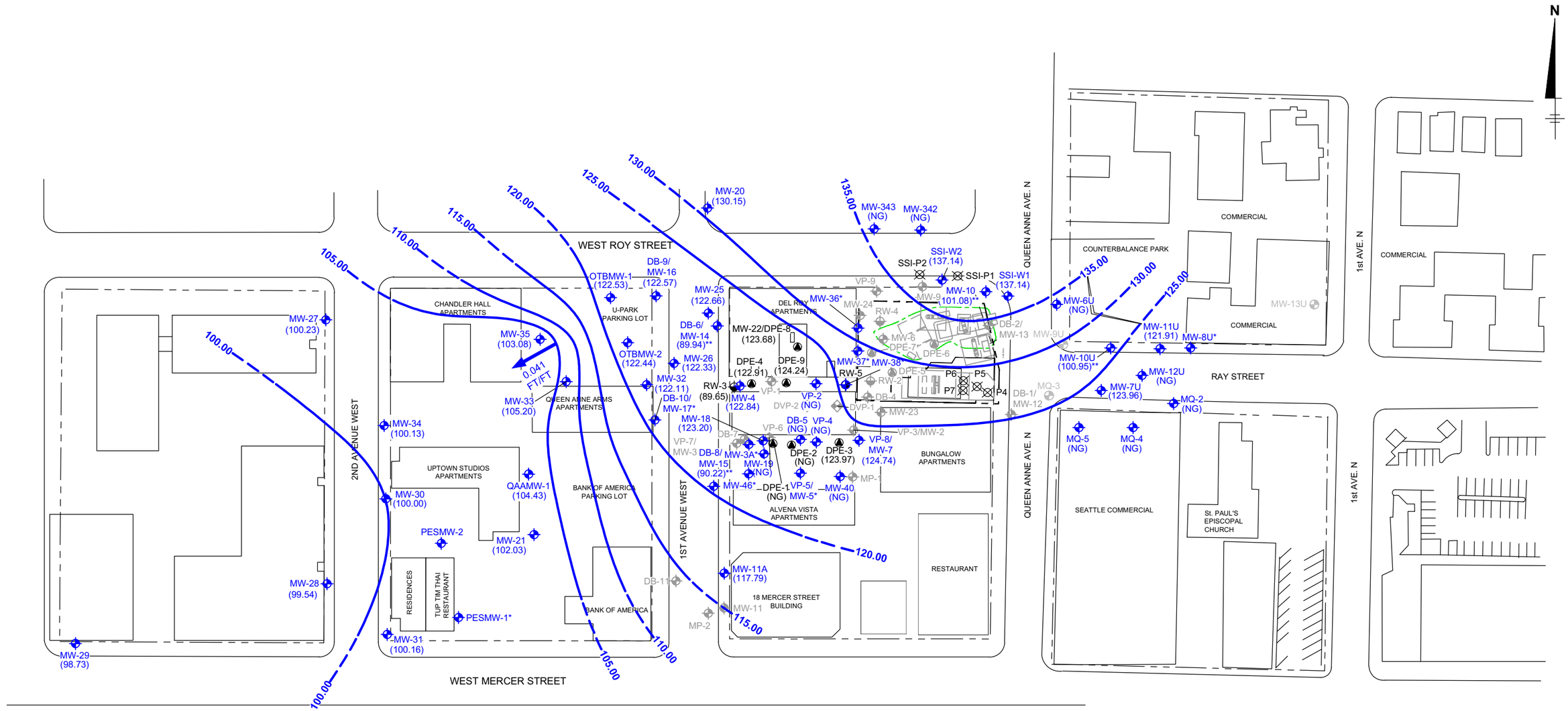
SOURCE: BASEMAP TRACED FROM RILEYGROUP HISTORICAL PROPERTY FEATURES FIGURE

FORMER CHEVRON FACILITY #211577
631 QUEEN ANNE AVENUE NORTH
SEATTLE, WASHINGTON

SOIL ANALYTICAL RESULTS

ARCADIS

FIGURE 2



LEGEND:

- APPROXIMATE PROPERTY BOUNDARY
- APPROXIMATE LOCATION OF 1993 UST EXCAVATION BOUNDARY
- PARCEL LINE
- MONITORING WELL
- EXTRACTION WELL
- RECOVERY WELL
- RGI TEST PROBE LOCATION (SEE NOTE 1)
- ABANDONED OR INACCESSIBLE MONITORING WELL/ EXTRACTION WELL/ RECOVERY WELL/ VAPOR PROBE
- UNABLE TO LOCATE
- (137.14) GROUNDWATER ELEVATION (RELATIVE TO FEET NAV 88)
- 135.00 GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- APPROXIMATE DIRECTION OF GROUNDWATER FLOW
- 0.041 ft/ft APPROXIMATE HYDRAULIC GRADIENT (FEET/FOOT)
- (NG) NOT GAUGED
- * SURVEY DATA NOT AVAILABLE
- ** WELL NOT USED IN GROUNDWATER ELEVATION CONTOUR

NOTE:

1. RGI TEST PROBE LOCATIONS REPRESENT GRAB GROUNDWATER SAMPLES.

0 100' 200'

APPROXIMATE SCALE : 1 in. = 100 ft.

SOURCE: BASEMAP TRACED FROM RILEYGROUP HISTORICAL PROPERTY FEATURES FIGURE

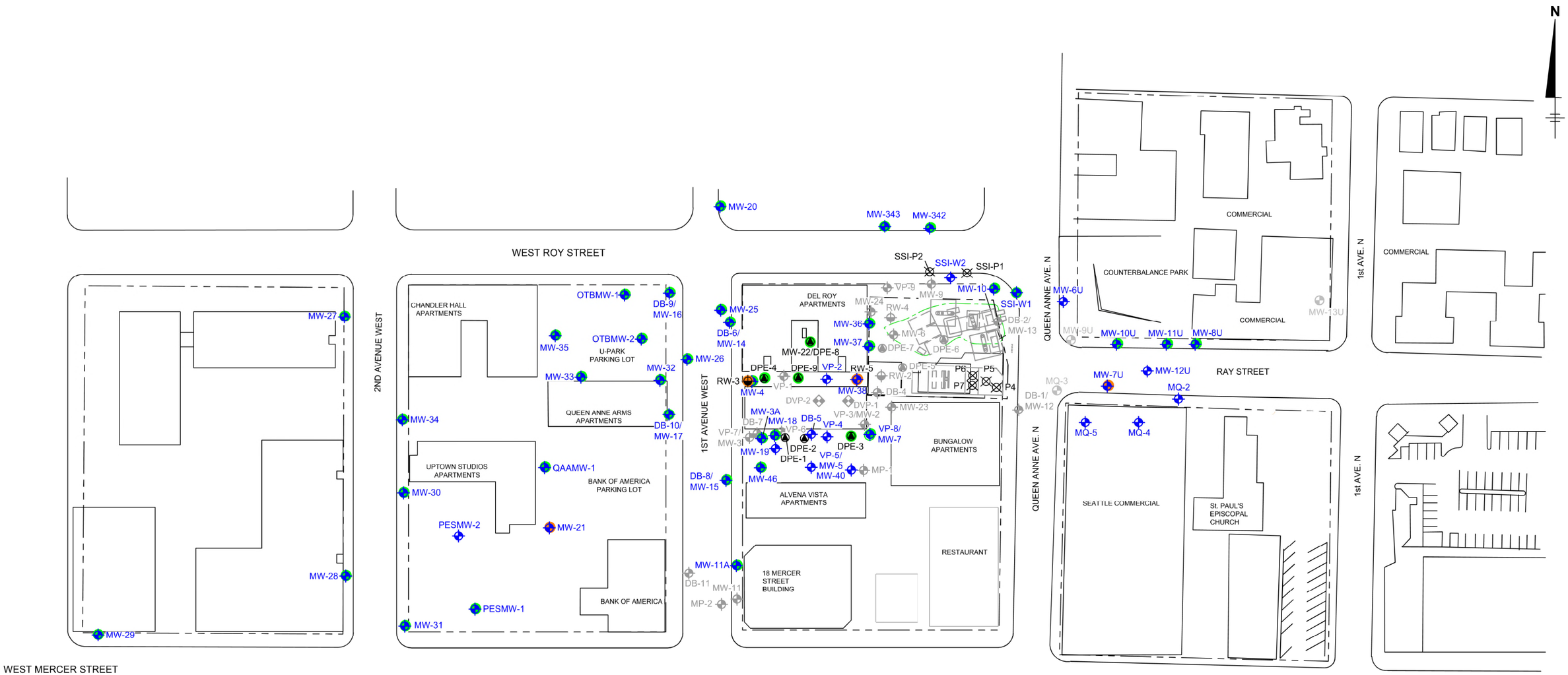
FORMER CHEVRON FACILITY #211577
631 QUEEN ANNE AVENUE NORTH
SEATTLE, WASHINGTON

GROUNDWATER ELEVATION CONTOUR MAP SEPTEMBER 25 THROUGH 29, 2023

ARCADIS

FIGURE 3

CITY:EMERYVILLE, CA DIV/GROUP:ENVCAD DB:A.REYES
C:\Users\shankarv4688\DC\ACCDocs\Arcadis ACC US\AUS-99999999-CHEV_211577_SEATTLE_WA\Project Files\10_WIP\10T_ARC_ENV\2024\01-DWG\GWM-2023Q3-F02-GWE.dwg LAYOUT: 2 SAVED: 2/23/2024 12:53 PM ACADVER: 24.1S (LMS TECH) PAGESETUP: --- PLOTSTYLETABLE:
PLTFULL.CTB PLOTTED: 2/23/2024 12:53 PM BY: SHANKARAPPA, VASANTH KUMAR
XREFS: IMAGES:
Arcadis Logo.PNG



LEGEND:

- APPROXIMATE PROPERTY BOUNDARY
- APPROXIMATE LOCATION OF 1993 UST EXCAVATION BOUNDARY
- PARCEL LINE
- MONITORING WELL
- EXTRACTION WELL
- RECOVERY WELL
- RGI TEST PROBE LOCATION (SEE NOTE 1)
- ABANDONED OR INACCESSIBLE MONITORING WELL/ EXTRACTION WELL/ RECOVERY WELL/ VAPOR PROBE
- UNABLE TO LOCATE
- CONSTITUENTS ANALYZED DOES NOT EXCEED MTCA METHOD A CULs
- ONE OR MORE CONSTITUENTS ANALYZED EXCEED MTCA METHOD A CULs

NOTE:

1. RGI TEST PROBE LOCATIONS REPRESENT GRAB GROUNDWATER SAMPLES.

ACRONYMS AND ABBREVIATIONS:

B	BENZENE
T	TOLUENE
E	ETHYLBENZENE
X	TOTAL XYLENES
CULs	CLEANUP LEVELS
MTCA	MODEL TOXICS CONTROL ACT

0 100' 200'

APPROXIMATE SCALE : 1 in. = 100 ft.

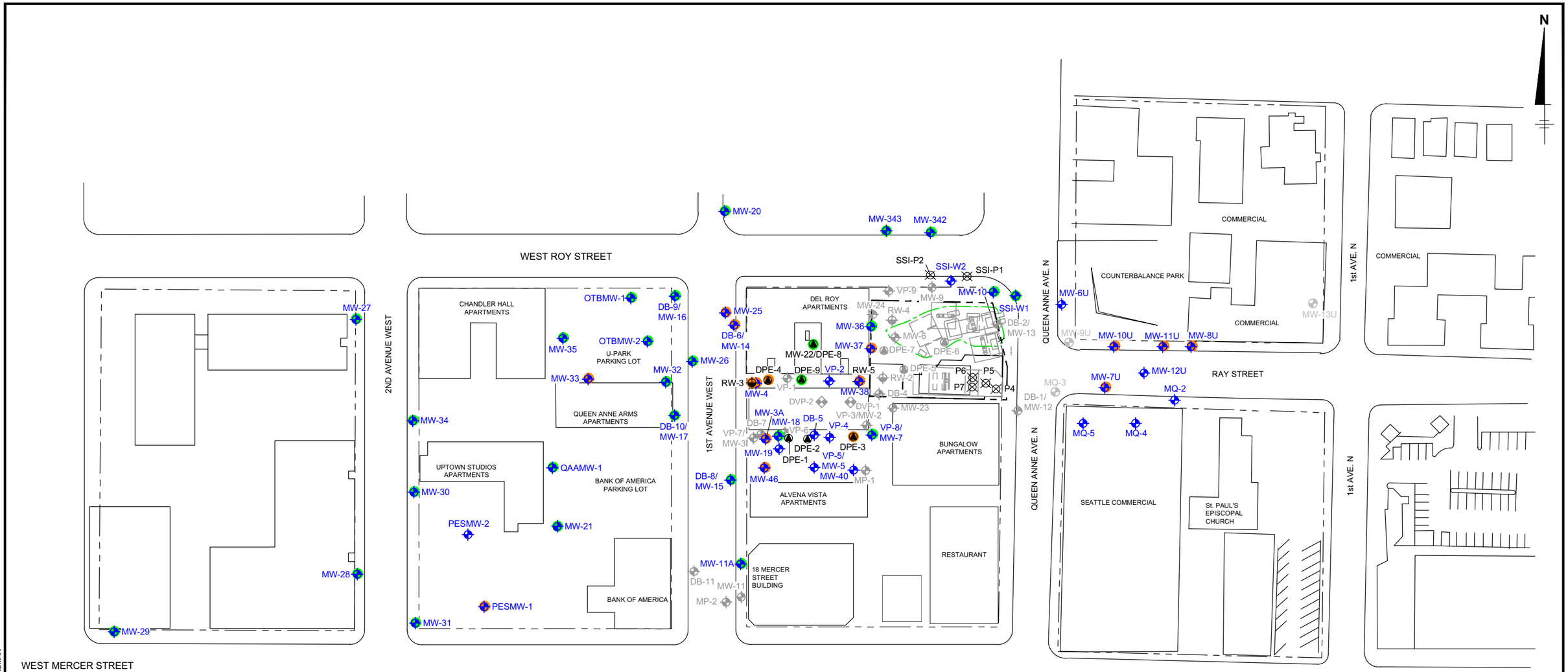
SOURCE: BASEMAP TRACED FROM RILEYGROUP HISTORICAL PROPERTY FEATURES FIGURE

FORMER CHEVRON FACILITY #211577
631 QUEEN ANNE AVENUE NORTH
SEATTLE, WASHINGTON

GROUNDWATER ANALYTICAL - BTEX
SEPTEMBER 25 TO 29, 2023

ARCADIS

FIGURE 4



LEGEND:

- APPROXIMATE PROPERTY BOUNDARY
- APPROXIMATE LOCATION OF 1993 UST EXCAVATION BOUNDARY
- PARCEL LINE
- MONITORING WELL
- EXTRACTION WELL
- RECOVERY WELL
- RGI TEST PROBE LOCATION (SEE NOTE 1)
- ABANDONED OR INACCESSIBLE MONITORING WELL/ EXTRACTION WELL/ RECOVERY WELL/ VAPOR PROBE
- UNABLE TO LOCATE
- CONSTITUENTS ANALYZED DOES NOT EXCEED MTCA METHOD A CULs
- ONE OR MORE CONSTITUENTS ANALYZED EXCEED MTCA METHOD A CULs

NOTE:

1. RGI TEST PROBE LOCATIONS REPRESENT GRAB GROUNDWATER SAMPLES.

ACRONYMS AND ABBREVIATIONS:

TPH-DRO	TOTAL PETROLEUM HYDROCARBONS AS DIESEL RANGE ORGANICS
TPH-GRO	TOTAL PETROLEUM HYDROCARBONS AS GASOLINE RANGE ORGANICS
TPH-HO	TOTAL PETROLEUM HYDROCARBONS AS HEAVY OIL RANGE ORGANICS
CULs	CLEANUP LEVELS
MTCA	MODEL TOXICS CONTROL ACT

0 100' 200'

APPROXIMATE SCALE : 1 in. = 100 ft.

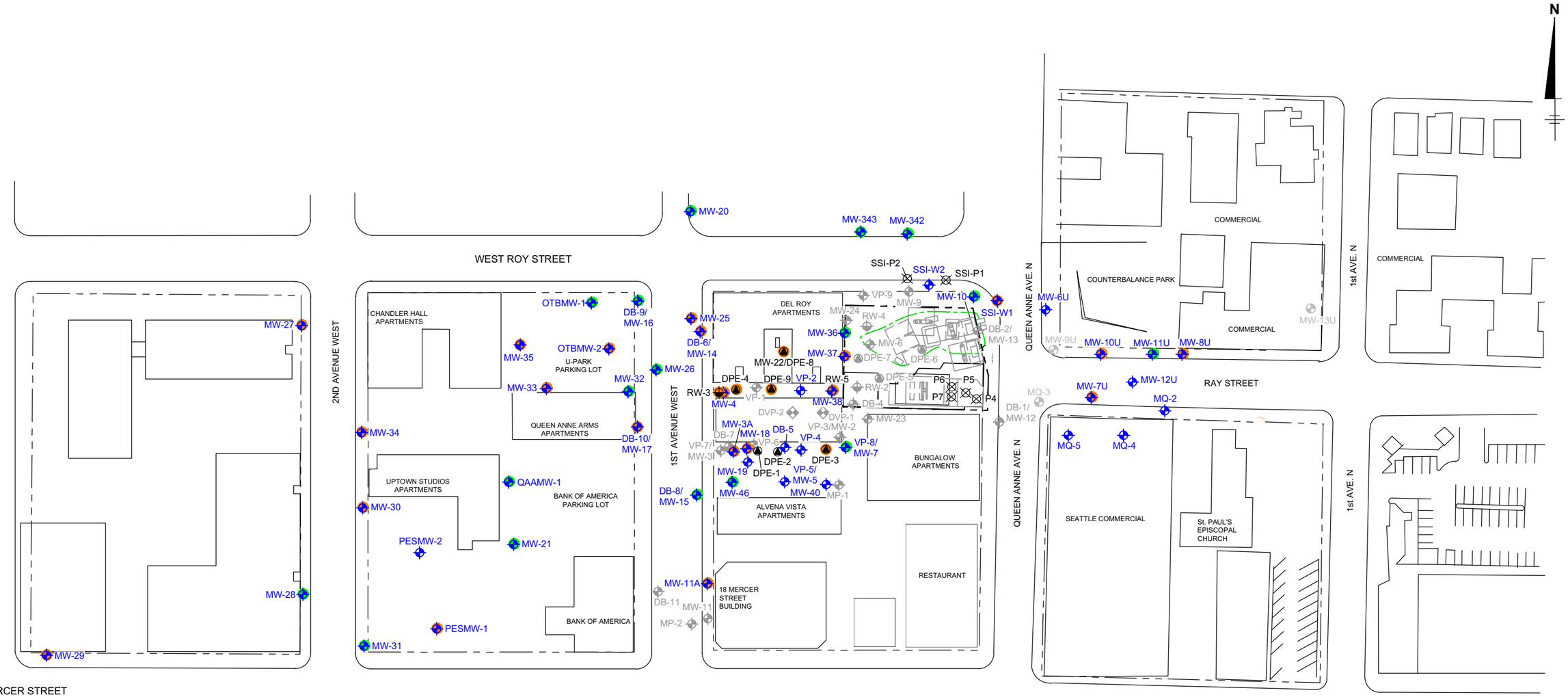
SOURCE: BASEMAP TRACED FROM RILEYGROUP HISTORICAL PROPERTY FEATURES FIGURE

FORMER CHEVRON FACILITY #211577
631 QUEEN ANNE AVENUE NORTH
SEATTLE, WASHINGTON

GROUNDWATER ANALYTICAL - DRO & HO
SEPTEMBER 25 TO 29, 2023

ARCADIS

FIGURE 5



LEGEND:

- APPROXIMATE PROPERTY BOUNDARY
- APPROXIMATE LOCATION OF 1993 UST EXCAVATION BOUNDARY
- PARCEL LINE
- MONITORING WELL
- EXTRACTION WELL
- RECOVERY WELL
- RGI TEST PROBE LOCATION (SEE NOTE 1)
- ABANDONED OR INACCESSIBLE MONITORING WELL/ EXTRACTION WELL/ RECOVERY WELL/ VAPOR PROBE
- UNABLE TO LOCATE
- CONSTITUENTS ANALYZED DOES NOT EXCEED MTCA METHOD A CULs
- ONE OR MORE CONSTITUENTS ANALYZED EXCEED MTCA METHOD A CULs

NOTE:

1. RGI TEST PROBE LOCATIONS REPRESENT GRAB GROUNDWATER SAMPLES.

ACRONYMS AND ABBREVIATIONS:

CULs	CLEANUP LEVELS
MTCA	MODEL TOXICS CONTROL ACT

0 100' 200'

APPROXIMATE SCALE : 1 in. = 100 ft.

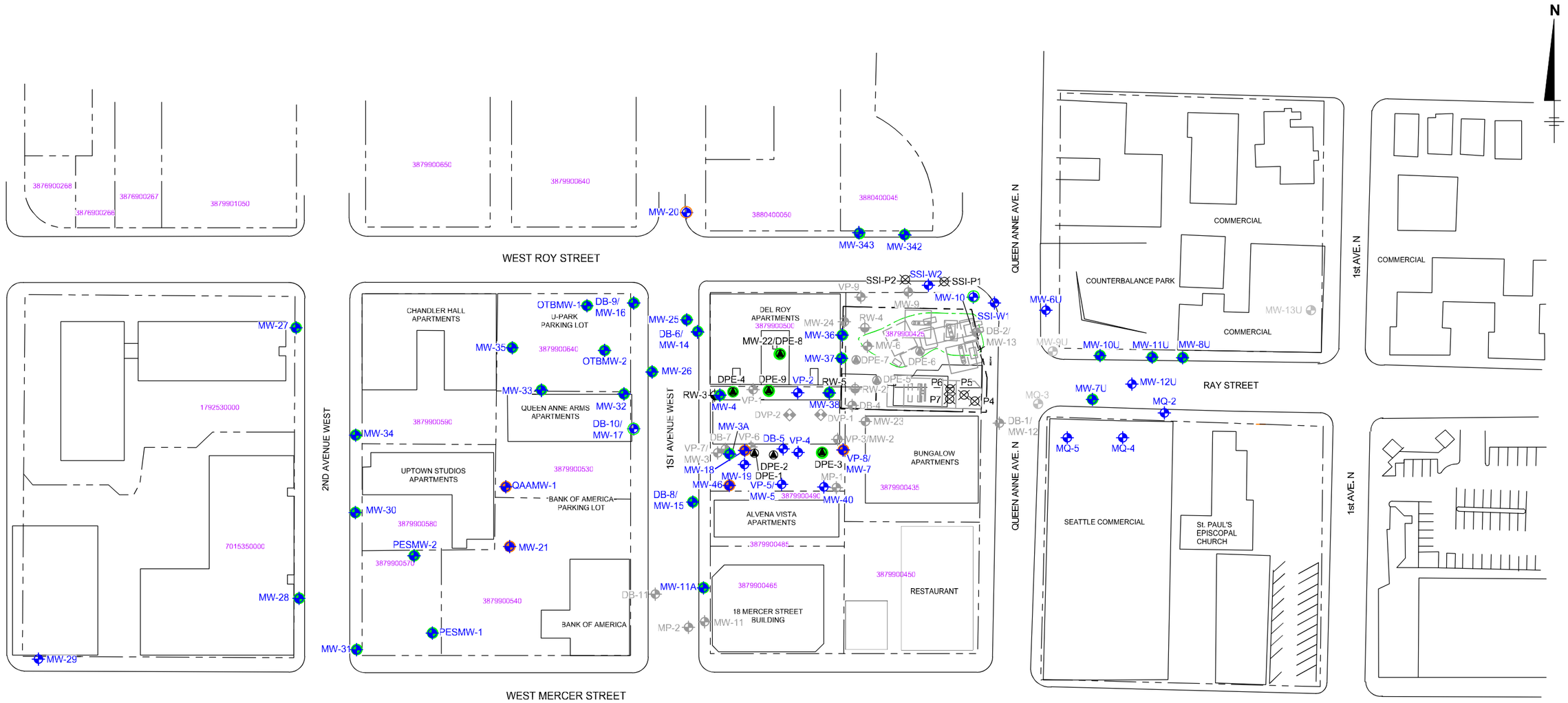
SOURCE: BASEMAP TRACED FROM RILEYGROUP HISTORICAL PROPERTY FEATURES FIGURE

FORMER CHEVRON FACILITY #211577
631 QUEEN ANNE AVENUE NORTH
SEATTLE, WASHINGTON

GROUNDWATER ANALYTICAL - ARSENIC AND LEAD SEPTEMBER 25 TO 29, 2023

ARCADIS

FIGURE 6



LEGEND:

- APPROXIMATE PROPERTY BOUNDARY
- APPROXIMATE LOCATION OF 1993 UST EXCAVATION BOUNDARY
- PARCEL LINE
- 3880400045 PARCEL ID
- MONITORING WELL
- EXTRACTION WELL
- RECOVERY WELL
- RGI TEST PROBE LOCATION (SEE NOTE 1)
- ABANDONED OR INACCESSIBLE MONITORING WELL/ EXTRACTION WELL/ RECOVERY WELL/ VAPOR PROBE
- UNABLE TO LOCATE
- CONSTITUENTS ANALYZED DOES NOT EXCEED MTCA METHOD A CULs
- ONE OR MORE CONSTITUENTS ANALYZED EXCEED MTCA METHOD A CULs

NOTE:

1. RGI TEST PROBE LOCATIONS REPRESENT GRAB GROUNDWATER SAMPLES.

0 100' 200'

APPROXIMATE SCALE : 1 in. = 100 ft.

SOURCE: BASEMAP TRACED FROM RILEYGROUP HISTORICAL PROPERTY FEATURES FIGURE

FORMER CHEVRON FACILITY #211577
631 QUEEN ANNE AVENUE NORTH
SEATTLE, WASHINGTON

GROUNDWATER ANALYTICAL - PCE, TCE, cis-1,2 DCE SEPTEMBER 25 TO 29, 2023

ARCADIS

FIGURE 7

CITY:EMERYVILLE,CA DIV/GROUP:ENVCAD DBA:REYES
C:\Users\shankar4688\DC\ACCDocs\Arcadis ACC US\AUS-99999999-CHEV_211577_SEATTLE_WA\Project Files\10_WIP\10T_ARC_ENV\2024\01-DWG\GEN-F01-SP.dwg LAYOUT: 1 SAVED: 2/22/2024 9:16 AM ACADVER: 24.1S (LMS TECH) PAGESETUP:- — PLOTSTYLETABLE: PLTFULL.CTB
PLOTTED: 2/22/2024 9:17 AM BY: SHANKARAPPA, VASANTH KUMAR
XREFS: IMAGES: Arcadis Logo.PNG

APPENDIX A

Ecology Approval Email

Hamilton, Ada

From: Song, Jing (ECY) <JISO461@ECY.WA.GOV>
Sent: Thursday, February 10, 2022 2:38 PM
To: Hamilton, Ada
Cc: Kiernan, James
Subject: Approval of Remedial Investigation Work Plan

Importance: High

Ada –

Thank you for sending the final Remedial Investigation Work Plan (RIWP) for the Texaco 211577 Monterey site. The RIWP is good. Ecology approves the RIWP. Please mail a hard copy to our office.

Please start to plan and schedule the field work. Based on Table 1, Exhibit C of the AO DE 16537, the RI field activities should be completed no later than 180 days after Ecology's approval of the RIWP.

Thank you for the hard work to complete the RIWP.

Jing Song, LG, LHG

Voluntary Cleanup Program Site Manager | Toxics Cleanup Program | WA Department of Ecology, Northwest Region
15700 Dayton Ave N, Shoreline, WA 98133
Direct: (206) 594-0100 | **Cell:** (425) 229-2565 | **Email:** jing.song@ecy.wa.gov

APPENDIX B

Boring Logs and Well Development Data Sheets

ARCADIS Design & Consultancy for natural and built assets

Soil Boring Log

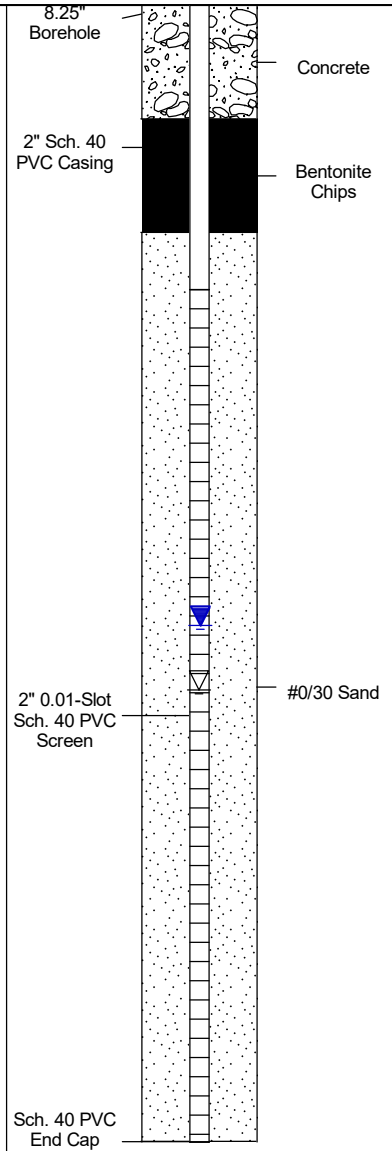
Boring No.: MW-3A

Sheet: 1 of 1

Client Name: Chevron Environmental Management Company
Project Name: COP5_West__211577_WA_Seattle
Project Number: 30064319

Date Started: 03-28-2023 Logger: Lyle Garong
Date Completed: 03-28-2023 Reviewer: Sean Parry
Total Depth: 21.5 ft bgs

Depth (feet)	Sample ID	Rec. (ft)	PID (ppm)	Blow Counts	USCS	Description
3			0		SP	(2.5-3 ft) SAND, very fine to medium, subround to round; little silt, low plasticity, no dilatancy; well sorted; moist; very loose; 10YR 4/3 - brown; no odor.
6	MW-3A-5		0		SP	(5-5.5 ft) SAND, very fine to medium, subround to round; little silt, low plasticity, no dilatancy; trace granules, subround to round; trace small pebbles, round; well sorted; moist; very loose; 10YR 4/3 - brown; no odor.
11	MW-3A-10		5.1	20 14 15 [1] SS	SC	(10-11.5 ft) CLAYEY SAND, very fine to fine, subround to round; some silt, low plasticity, slow dilatancy; well sorted; moist; very loose; 10YR 4/3 - brown; no odor.
16	MW-3A-15		17.4	20 12 16 [1] SS	SP	(15-16.5 ft) SAND, very fine to fine, subround to round; trace silt; well sorted; wet; very loose; 10R 7/1 - light gray; mild odor.
21	MW-3A-20		5.1	20 50 [1] SS	SP	(20-21.5 ft) SAND, very fine to fine, subround to round; trace silt, no plasticity, no dilatancy; well sorted; wet; very loose; 10R 7/1 - light gray; no odor.
						21.5 ft. bgs End of Boring



Drilling Co.: Cascade
Driller: Curtis
Drilling Method: Hollow Stem Auger, Hand Auger, Air Knife
Drill Rig: CME 55
Remarks: Additional Field Personnel: Brian Pauley; ft = feet; bgs = below ground surface; ppm = parts per million; NA = not applicable/not available; USCS = Unified Soil Classification System

Sampling Method: Split Spoon
Sampling Dimensions: 1.5 ft
▽ First Encountered Water (ft bgs): 12
▼ Static Water Level (ft bgs): 10.93
Top of Casing Elev:
Surface Elev: NA
North Coor: NA
East Coor: NA

SOIL BORING AND CONSTRUCTION LOG C:\USERS\CMSECKINGER\ONEDRIVE - ARCADIS\1.PROJECTS\30064319 - CH 211577 QUEENANNE\BORING LOGS\GINT FILES\GINT PROJECT.GPJ CMS GINT DATA TEMPLATE.GDT 9/19/23

ARCADIS Design & Consultancy for natural and built assets

Soil Boring Log

Boring No.: MW-11A

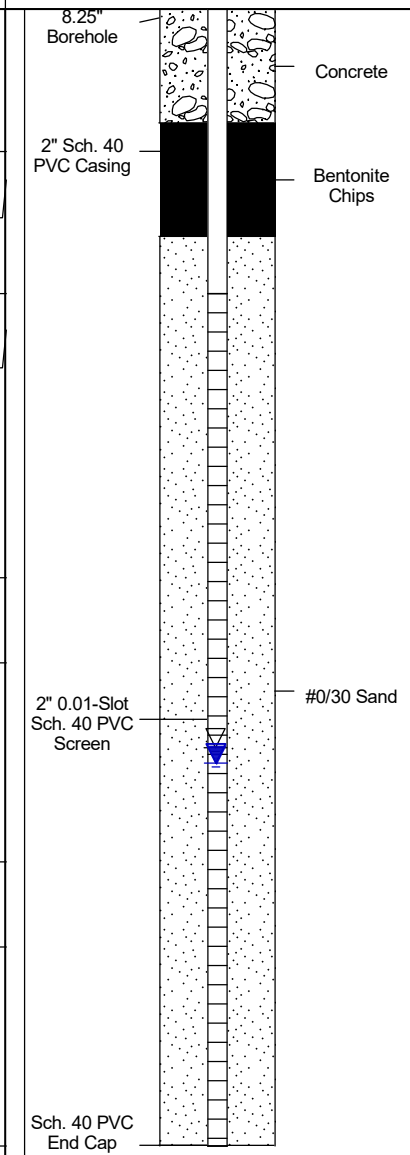
Sheet: 1 of 1

Client Name: Chevron Environmental Management Company
Project Name: COP5_West__211577_WA_Seattle
Project Number: 30064319

Date Started: 03-29-2023 Logger: Lyle Garong
Date Completed: 03-29-2023 Reviewer: Sean Parry
Total Depth: 21.5 ft bgs

Depth (feet)	Sample ID	Rec. (ft)	PID (ppm)	Blow Counts	USCS	Description
3					SP	(2.5-3 ft) SAND, very fine to fine, subround to round; trace small pebbles, subangular to round; well sorted; dry to moist; very loose; 10YR 5/2 - grayish brown; no odor.
5	MW-11A-5				SM	(5-5.5 ft) SILTY SAND, very fine to fine, subround to round; little silt; trace small pebbles, subangular to round; well sorted; moist; very loose; 10YR 5/2 - grayish brown; no odor.
11	MW-11A-10	1.08	1.2	12 16 20 [1] SS	CL	(10-11.5 ft) CLAY, low to medium plasticity, slow dilatancy; little fine to medium sand, subround to round; well sorted; moist; medium stiff; 10R 7/1 - light gray; no odor.
16	MW-11A-15	0.75	0	20 50 [1] SS	SC	(15-16.5 ft) CLAYEY SAND, very fine to fine, subround to round; little clay, low to medium plasticity, slow dilatancy; well sorted; wet; very loose; 10R 7/1 - light gray; no odor.
21	MW-11A-20	1.5	2.7	20 50 [1] SS	SP	(20-21.5 ft) SAND, very fine to fine, subround to round; well sorted; wet; very loose; 10YR 7/1 - light gray; no odor.
						21.5 ft. bgs End of Boring

Construction Details



Drilling Co.: Cascade
Driller: Curtis
Drilling Method: Hollow Stem Auger, Hand Auger, Air Knife
Drill Rig: CME 55
Remarks: Additional Field Personnel: Brian Pauley; ft = feet; bgs = below ground surface; ppm = parts per million; NA = not applicable/not available; USCS = Unified Soil Classification System

Sampling Method: Split Spoon
Sampling Dimensions: 1.5 ft
▽ First Encountered Water (ft bgs): 13
▼ Static Water Level (ft bgs): 13.36
Top of Casing Elev:
Surface Elev: NA
North Coor: NA
East Coor: NA

ARCADIS Design & Consultancy for natural and built assets

Soil Boring Log

Boring No.: MW-36

Sheet: 1 of 1

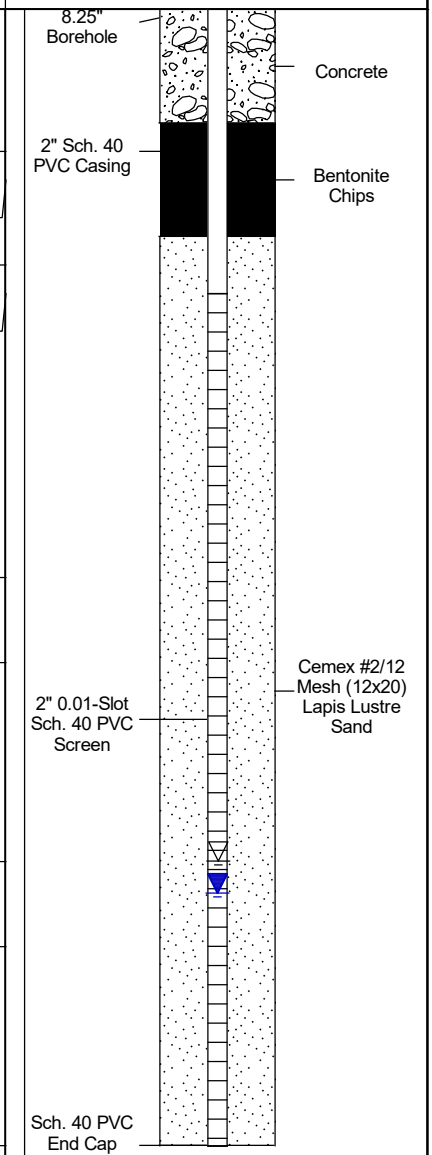
Client Name: Chevron Environmental Management Company
Date Started: 03-28-2023
Logger: Lyle Garong

Project Name: COP5_West__211577_WA_Seattle
Date Completed: 03-28-2023
Reviewer: Sean Parry

Project Number: 30064319
Total Depth: 21.5 ft bgs

Depth (feet)	Sample ID	Rec. (ft)	PID (ppm)	Blow Counts	USCS	Description
3			0.4		SM	(2.5-3 ft) SAND, fine, subround to round; little granules, subround to round; little silt, low plasticity, slow dilatancy; well sorted; moist; very loose; 7.5YR 2.5/2 - very dark brown; no odor.
5	MW-36-5		1		SP	(4.5-5 ft) SAND, fine, subround to round; some granules, subround to round; little small pebbles, subround to round; trace silt, low plasticity, slow dilatancy; well sorted; moist; very loose; 10YR 3/3 - dark brown; no odor.
10	MW-36-10	0.58	5.9	18 20 20 [1] SS	SC	(10-11.5 ft) SAND and CLAY, fine to medium, subround to round, low plasticity, slow dilatancy; well sorted; moist; very loose; 10R 7/1 - light gray; mild odor.
15	MW-36-15	0.67	5.8	20 20 25 [1] SS	SP	(15-16.5 ft) SAND, fine to medium, subround to round; well sorted; wet; very loose; 10R 7/1 - light gray.
20	MW-36-20	0.83	13.3	20 20 26 [1] SS	GC	(20-21.5 ft) GRANULES, subround to round; some fine to medium sand, subround to round; little clay, low plasticity, slow dilatancy; trace small pebbles, subround to round; well sorted; wet; loose; 10R 7/1 - light gray; no odor.
22						21.5 ft. bgs End of Boring

Construction Details



Drilling Co.: Cascade
Driller: Curtis
Drilling Method: Hollow Stem Auger, Hand Auger, Air Knife
Drill Rig: CME 55
Remarks: Additional Field Personnel: Brian Pauley; ft = feet; bgs = below ground surface; ppm = parts per million; NA = not applicable/not available; USCS = Unified Soil Classification System

Sampling Method: Split Spoon
Sampling Dimensions: 1.5 ft
▽ First Encountered Water (ft bgs): 15
▼ Static Water Level (ft bgs): 15.41
Top of Casing Elev:
Surface Elev: NA
North Coor: NA
East Coor: NA

SOIL BORING AND CONSTRUCTION LOG C:\USERS\CMSECKINGER\ONEDRIVE - ARCADIS\1.PROJECTS\30064319 - CH 211577 QUEENANNE\BORING LOGS\GINT FILES\GINT PROJECT.GPJ CMS GINT DATA TEMPLATE.GDT 9/19/23

ARCADIS Design & Consultancy for natural and built assets

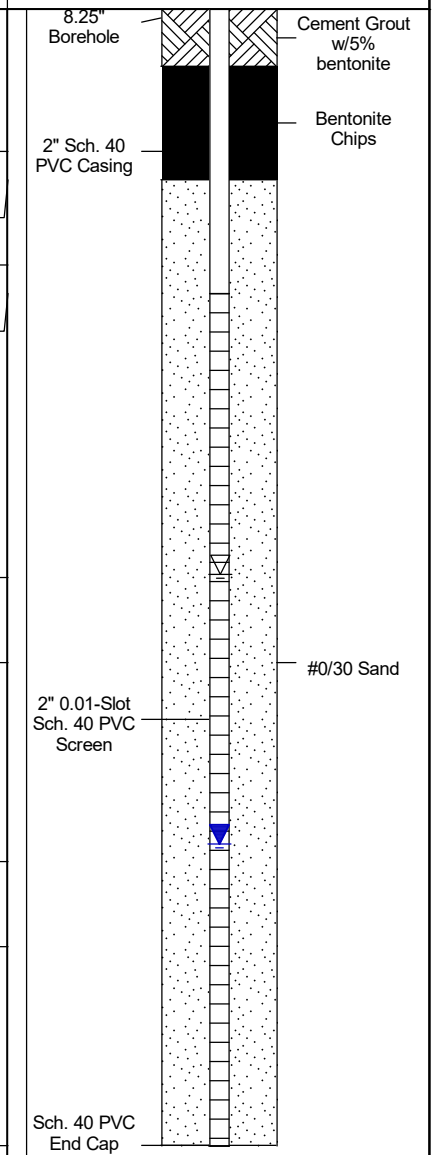
Boring No.: MW-37

Soil Boring Log

Sheet: 1 of 1

Client Name: Chevron Environmental Management Company
Date Started: 03-28-2023
Logger: Lyle Garong
Project Name: COP5_West__211577_WA_Seattle
Date Completed: 03-30-2023
Reviewer: Sean Parry
Project Number: 30064319
Total Depth: 21.5 ft bgs

Depth (feet)	Sample ID	Rec. (ft)	PID (ppm)	Blow Counts	USCS	Description
3			0		SM	(2.5-3 ft) SAND, fine to medium, subround to round; little granules, subround; little silt, low plasticity, no dilatancy; trace small pebbles, subround; well sorted; moist; very loose; 10YR 4/3 - brown; no odor.
5	MW-37-5		0.8		SW	(4.5-5 ft) SAND, fine to medium, subround to round; some granules, subround; trace small pebbles, subround; trace silt, low plasticity, no dilatancy; poorly sorted; moist; very loose; 10YR 4/3 - brown; no odor.
10	MW-37-10	0.92	45	8 16 20 [1] SS	SC	(10-11.5 ft) SAND and CLAY, very fine to fine, subround to round, low plasticity, slow dilatancy; well sorted; wet; loose; 10R 7/1 - light gray; mild odor.
15	MW-37-15	1.08	564	8 9 10 [1] SS	SP	(15-16.5 ft) SAND, very fine to fine, subround to round; well sorted; wet; very loose; 10R 7/1 - light gray; strong odor.
21	MW-37-20	0.92	7.4	15 15 20 [1] SS	SP	(20-21.5 ft) SAND, fine to medium, subround to round; trace clay, low plasticity, slow dilatancy; well sorted; wet; very loose; 10R 7/1 - light gray; moderate odor.
						21.5 ft. bgs End of Boring



Drilling Co.: Cascade
Driller: Curtis
Drilling Method: Hollow Stem Auger, Hand Auger, Air Knife
Drill Rig: CME 55
Remarks: Additional Field Personnel: Brian Pauley; ft = feet; bgs = below ground surface; ppm = parts per million; NA = not applicable/not available; USCS = Unified Soil Classification System

Sampling Method: Split Spoon
Sampling Dimensions: 1.5 ft
▽ First Encountered Water (ft bgs): 10
▼ Static Water Level (ft bgs): 15.0
Top of Casing Elev:
Surface Elev: NA
North Coor: NA
East Coor: NA

SOIL BORING AND CONSTRUCTION LOG C:\USERS\CMSECKINGER\ONEDRIVE - ARCADIS\1.PROJECTS\30064319 - CH 211577 QUEENANNE\BORING LOGS\GINT FILES\GINT PROJECT.GPJ CMS GINT DATA TEMPLATE.GDT 9/19/23

ARCADIS Design & Consultancy for natural and built assets

Soil Boring Log

Boring No.: MW-38

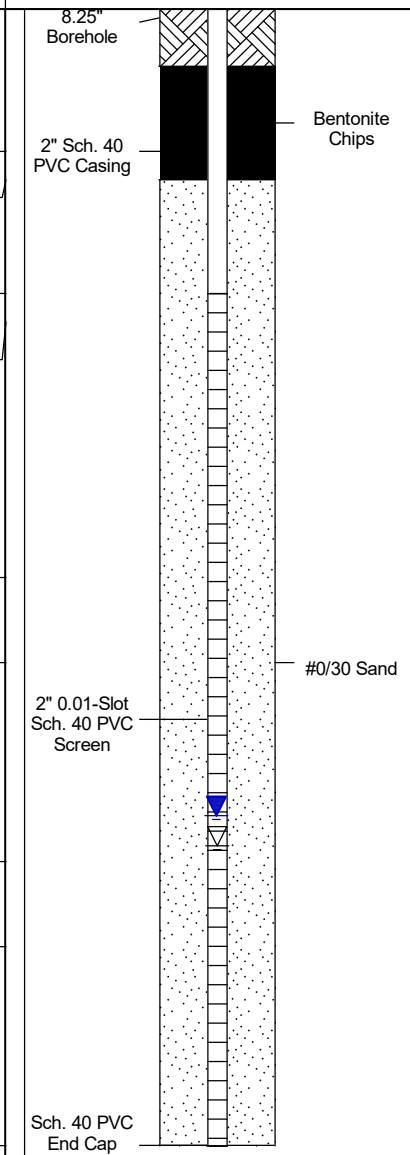
Sheet: 1 of 1

Client Name: Chevron Environmental Management Company
Project Name: COP5_West__211577_WA_Seattle
Project Number: 30064319

Date Started: 03-31-2023 Logger: Lyle Garong
Date Completed: 03-31-2023 Reviewer: Sean Parry
Total Depth: 21.5 ft bgs

Depth (feet)	Sample ID	Rec. (ft)	PID (ppm)	Blow Counts	USCS	Description
3			0.3		SP	(2.5-3 ft) SAND, fine, subround to round; little small pebbles, subround to round; well sorted; moist; loose; 7.5YR 3/2 - dark brown.
6	MW-38-5		0.2		SW	(5-5.5 ft) SAND, fine to medium, subround to round; some granules, subround to round; trace small pebbles, subround to round; poorly sorted; moist; loose; 7.5YR 2.5/3 - very dark brown; no odor.
11	MW-38-10	0.5	3.5	13 16 19 [1] SS	SC	(10-11.5 ft) SAND, very fine to fine, subround to round; little clay, low plasticity, slow dilatancy; well sorted; moist; very loose; 10R 7/1 - light gray.
16	MW-38-15	1.08	42.9	18 20 22 [1] SS	SC	(15-16.5 ft) SAND, very fine to fine, subround to round; little clay, low plasticity, slow dilatancy; well sorted; wet; loose; 10R 7/1 - light gray; moderate odor. NOTE: Sheen observed (see photo).
21	MW-38-20	1	38.5	20 20 30 [1] SS	SP	(20-21.5 ft) SAND, fine, subround to round; well sorted; wet; very loose; 10R 7/1 - light gray; mild odor.
						21.5 ft. bgs End of Boring

Construction Details



Drilling Co.: Cascade
Driller: Curtis
Drilling Method: Hollow Stem Auger, Hand Auger, Air Knife
Drill Rig: CME 55
Remarks: Additional Field Personnel: Brian Pauley; ft = feet; bgs = below ground surface; ppm = parts per million; NA = not applicable/not available; USCS = Unified Soil Classification System

Sampling Method: Split Spoon
Sampling Dimensions: 1.5 ft
▽ First Encountered Water (ft bgs): 15
▼ Static Water Level (ft bgs): 14.16
Top of Casing Elev:
Surface Elev: NA
North Coor: NA
East Coor: NA

SOIL BORING AND CONSTRUCTION LOG C:\USERS\CMSECKINGER\ONEDRIVE - ARCADIS\1.PROJECTS\30064319 - CH 211577 QUEENANNE\BORING LOGS\GINT FILES\GINT PROJECT.GPJ CMS GINT DATA TEMPLATE.GDT 9/19/23

ARCADIS Design & Consultancy for natural and built assets

Soil Boring Log

Boring No.: MW-40

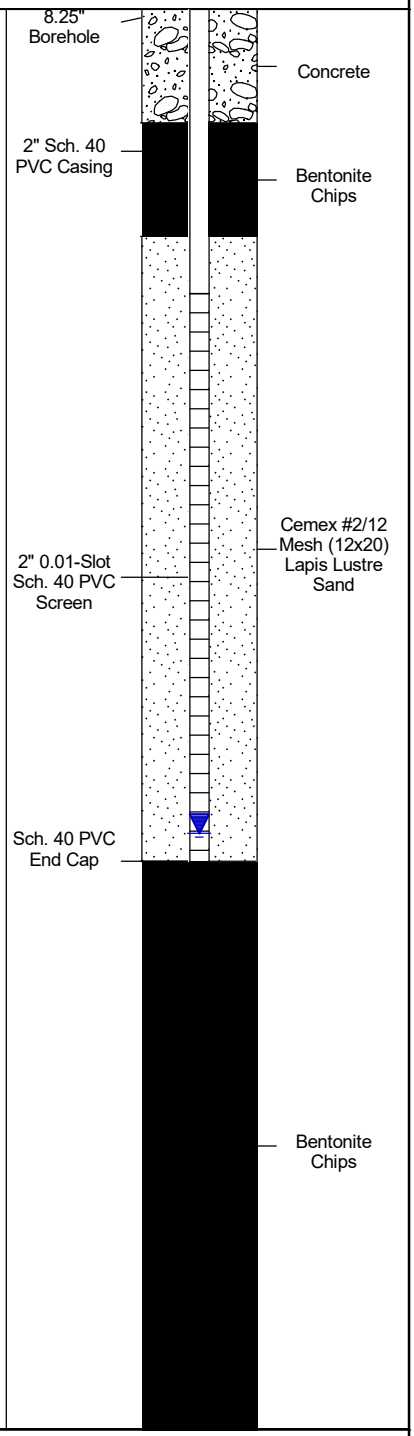
Sheet: 1 of 2

Client Name: Chevron Environmental Management Company
Project Name: COP5_West__211577_WA_Seattle
Project Number: 30064319

Date Started: 03-31-2023 Logger: Lyle Garong
Date Completed: 03-31-2023 Reviewer: Sean Parry
Total Depth: 26.5 ft bgs

Depth (feet)	Sample ID	Rec. (ft)	PID (ppm)	Blow Counts	USCS	Description
3			0.7		GW	(2.5-3 ft) PEBBLES, small, subangular to subround; little medium to very coarse sand, angular to subangular; poorly sorted; dry; very loose; 10YR 3/4 - dark yellowish brown; no odor.
5	MW-40-5		0		GW	(4.5-5 ft) PEBBLES and SAND, small to medium, coarse to very coarse, angular to subround, angular to subangular; poorly sorted; dry to moist; very loose; 10YR 3/4 - dark yellowish brown; no odor.
10					SM	(10-10.5 ft) SAND, fine to medium, subangular to round; little small pebbles, angular to round; little silt, low plasticity, no dilatancy; poorly sorted; dry to moist; loose; 10YR 3/4 - dark yellowish brown; no odor.
11	MW-40-10		0.5	SS	SM	(10.5-11.5 ft) SAND, fine to medium, subangular to round; little small to medium pebbles, angular to subangular; little silt, low plasticity, no dilatancy; poorly sorted; dry to moist; loose; 10YR 3/4 - dark yellowish brown, little 10YR 6/2 - light brownish gray; no odor.
15					SM	(15-15.5 ft) SAND, very fine to medium, subangular to round; little silt, medium plasticity, no dilatancy; poorly sorted; dry to moist; loose; 10YR 3/4 - dark yellowish brown, and 10B 4/1 - dark bluish gray; no odor.
16	MW-40-15		1.9	SS	SM	(15.5-16.5 ft) SAND and SILT, very fine to fine, subround to round, medium plasticity, no dilatancy; well sorted; moist to wet; medium dense; 10B 4/1 - dark bluish gray; no odor.
21	MW-40-20		0.7	SS	SM	(20-21.5 ft) SAND and SILT, very fine to fine, subround to round, medium plasticity, no dilatancy; well sorted; moist to wet; medium dense; 10B 4/1 - dark bluish gray; no odor.

Construction Details



Drilling Co.: Cascade
Driller: Curtis
Drilling Method: Hollow Stem Auger, Hand Auger, Air Knife
Drill Rig: CME 55
Remarks: Additional Field Personnel: Brian Pauley; ft = feet; bgs = below ground surface; ppm = parts per million; NA = not applicable/not available; USCS = Unified Soil Classification System

Sampling Method: Split Spoon
Sampling Dimensions: 1.5 ft
▽ First Encountered Water (ft bgs): NA
▼ Static Water Level (ft bgs): 14.58
Top of Casing Elev:
Surface Elev: NA
North Coor: NA
East Coor: NA

SOIL BORING AND CONSTRUCTION LOG C:\USERS\CMSECKINGER\ONEDRIVE - ARCADIS\1.PROJECTS\30064319 - CH 211577 QUEENANNE\BORING LOGS\GINT FILES\GINT PROJECT.GPJ CMS GINT DATA TEMPLATE.GDT 9/19/23

ARCADIS Design & Consultancy for natural and built assets

Boring No.: MW-40

Soil Boring Log

Sheet: 2 of 2

Client Name: Chevron Environmental Management Company Date Started: 03-31-2023 Logger: Lyle Garong

Project Name: COP5_West__211577_WA_Seattle Date Completed: 03-31-2023 Reviewer: Sean Parry

Project Number: 30064319 Total Depth: 26.5 ft bgs

Depth (feet)	Sample ID	Rec. (ft)	PID (ppm)	Blow Counts	USCS	Description	Construction Details
26	MW-40-25			SS	SM	(25-26.5 ft) SAND, very fine to fine, subround to round; some silt, low plasticity, no dilatancy; trace clay, low plasticity, no dilatancy; well sorted; dry to moist; medium dense; 10B 4/1 - dark bluish gray; no odor.	
27						26.5 ft. bgs End of Boring	
28							
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Remarks:

ARCADIS Design & Consultancy for natural and built assets

Soil Boring Log

Boring No.: MW-46

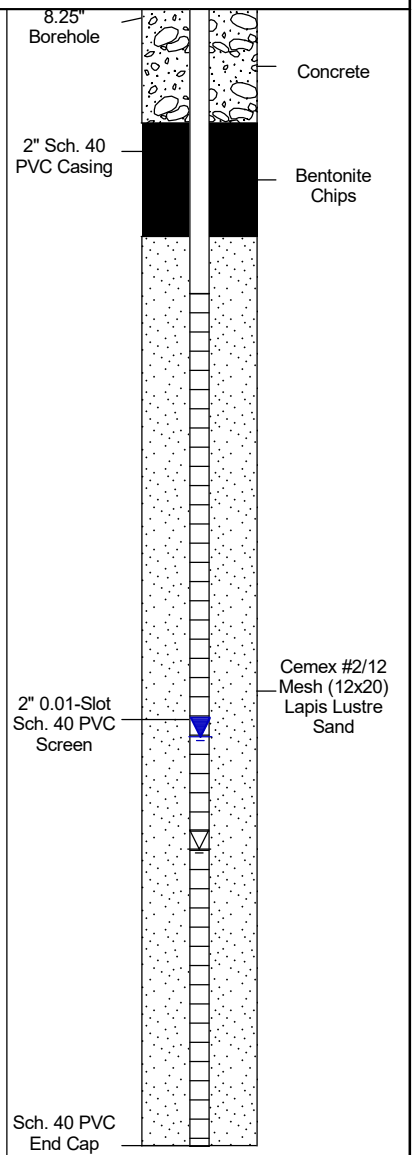
Sheet: 1 of 2

Client Name: Chevron Environmental Management Company
Project Name: COP5_West__211577_WA_Seattle
Project Number: 30064319

Date Started: 03-31-2023 Logger: Lyle Garong
Date Completed: 03-31-2023 Reviewer: Sean Parry
Total Depth: 21.5 ft bgs

Depth (feet)	Sample ID	Rec. (ft)	PID (ppm)	Blow Counts	USCS	Description
3			0.1		SM	(2.5-3 ft) SAND, fine to coarse, subangular to subround; little silt, low plasticity, no dilatancy; trace small to large pebbles, subangular to subround; poorly sorted; moist to wet; loose; 10YR 2/2 - very dark brown; no odor. NOTE: Soil not actually saturated; hole was filling with surface water .
5	MW-46-5		0		ML	(4.5-5 ft) SILT and SAND, very fine to fine, subround to round, low plasticity, no dilatancy; little clay, low plasticity, no dilatancy; well sorted; moist; soft; 10YR 3/6 - dark yellowish brown; no odor.
10					NO RECOVERY	(10-11 ft) No Recovery.
11	MW-46-10		0.5	SS	SP	(11-11.5 ft) SAND, fine to very coarse, angular to round; trace small pebbles, angular to subround; trace silt, low plasticity, no dilatancy; trace clay, low plasticity, no dilatancy; poorly sorted; moist; loose; 10YR 3/4 - dark yellowish brown, and 2.5Y 4/2 - dark grayish brown; no odor. NOTE: Small silt/clay layer between the sand layers - see photo .
16	MW-46-15		1.1	SS	SW	(15-16.5 ft) SAND, medium to very coarse, angular to subangular; trace silt, no plasticity, no dilatancy; poorly sorted; wet; loose; 10YR 4/4 - dark yellowish brown; no odor.
21	MW-46-20		1.7	SS	SW	(20-21.5 ft) SAND, medium to very coarse, angular to subangular; trace silt, no plasticity, no dilatancy; poorly sorted; wet; loose; 10YR 4/4 - dark yellowish brown; no odor.
22						21.5 ft. bgs End of Boring

Construction Details



Drilling Co.: Cascade
Driller: Curtis
Drilling Method: Hollow StemAuger, Hand Auger, Air Knife
Drill Rig: CME 55
Remarks: Additional Field Personnel: Brian Pauley; ft = feet; bgs = below ground surface; ppm = parts per million; NA = not applicable/not available; USCS = Unified Soil Classification System

Sampling Method: Split Spoon
Sampling Dimensions: 1.5 ft
▽ First Encountered Water (ft bgs): 15
▼ Static Water Level (ft bgs): 12.37
Top of Casing Elev:
Surface Elev: NA
North Coor: NA
East Coor: NA

SOIL BORING AND CONSTRUCTION LOG C:\USERS\CMSECKINGER\ONEDRIVE - ARCADIS\1.PROJECTS\30064319 - CH 211577 QUEENANNE\BORING LOGS\GINT FILES\GINT PROJECT.GPJ CMS GINT DATA TEMPLATE.GDT 9/19/23

WELL GAUGING DATA

Project # 211577 Date 09/19/23 Client ARCADIS

Site 631 Queen Anne Ave N, Seattle

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
MW-3A	1004	2	—	—	—	—	10.93	19.74		
MW-11A	1008	2	—	—	—	—	12.36	20.03		
MW-22	1215	4	—	—	—	—	13.65	23.09		
MW-36	1024	2	—	—	—	—	15.41	20.40		
MW-37	1026	2	—	—	—	—	15.00	19.90		
MW-38	1022	2	—	—	—	—	14.16	19.33		
MW-40	0959	2	—	—	—	—	14.58	15.00		
MW-46	1013	2	—	—	—	—	11.37	19.60		

WELL DEVELOPMENT DATA SHEET

Project #: 230919-J01	Client: Arcadis
Developer: JD	Date Developed: 9/19/23
Well I.D. MW-3A	Well Diameter: (circle one) (2) 3 4 6
Total Well Depth: Before 19.74 After 19.77	Depth to Water: Before 10.93 After 14.11
Reason not developed: —	If Free Product, thickness: —
Additional Notations:	

Volume Conversion Factor (VCF):
{12 x (d^2/4) x π} /231
where
12 = in / foot
d = diameter (in.)
π = 3.1416
231 = in 3/gal

Well dia.		VCF
2"	=	0.16
3"	=	0.37
4"	=	0.65
6"	=	1.47
10"	=	4.08
12"	=	6.87

1.5	X	10	=	15
1 Case Volume		Specified Volumes		gallons

Purging Device: Bailer ☐ Electric Submersible ☐
Middleburg ☒ Suction Pump ☐

Type of Installed Pump 4x4
Other equipment used

TIME	TEMP (C)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
—	—	Began Surging @ 1051			—	—
—	—	Finished Surging @ 1104			—	—
—	—	Turned Pump on @ 1105			—	—
1112	17.20	7.79	0.584	>1000	1.5 gal	—
1116	16.81	6.89	0.589	994	3 gal	—
1121	16.29	6.70	0.600	388	4.5 gal	—
1124	16.30	6.63	0.601	463	6.0 gal	—
1126	16.23	6.62	0.601	377	7.5 gal	—
1128	16.18	6.63	0.599	355	9.0 gal	—
1131	16.13	6.66	0.597	272	10.5 gal	—
1134	16.16	6.63	0.599	252	12.0 gal	—
1136	16.01	6.68	0.595	186	13.5 gal	—
1141	16.17	6.69	0.596	94	15.0 gal	—
Did Well Dewater? No		If yes, note above.		Gallons Actually Evacuated: 15 gal		—

WELL DEVELOPMENT DATA SHEET

Well I.D. MW-3A	PAGE 2 OF 2
Project #: 730919-301	Client: Arcadis

TIME	TEMP (C° ~~F~~)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
1145	16.38	6.66	0.598	64	16.5 gal	—
1148	16.45	6.67	0.596	49	18.0 gal	—
1151	16.42	6.62	0.599	41	19.5 gal	—

WELL DEVELOPMENT DATA SHEET

Project #: 23919-J01	Client: Arcadis
Developer: SJ	Date Developed: 09/19/23
Well I.D. MW-11A	Well Diameter: (circle one) ② 3 4 6
Total Well Depth: Before ~~17.36~~ 2003 After 2003	Depth to Water: Before ~~20.03~~ 12.36 After 14.82
Reason not developed: —	If Free Product, thickness: —
Additional Notations:	

Volume Conversion Factor (VCF):	Well dia.		VCF
{12 x (d^2/4) x π} /231	2"	=	0.16
where	3"	=	0.37
12 = in / foot	4"	=	0.65
d = diameter (in.)	6"	=	1.47
π = 3.1416	10"	=	4.08
231 = in 3/gal	12"	=	6.87

1.0	X	10	=	10
1 Case Volume		Specified Volumes		gallons

Purging Device: Bailer ☐ Electric Submersible ☐
Middleburg ☒ Suction Pump ☐

Type of Installed Pump —
Other equipment used —

TIME	TEMP (~~F~~) C°	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
—	—	—	Began Surging	@ 1247	—	
—	—	—	Finished Surging	@ 1301	—	
—	—	—	Turned Pump on	@ 1303	—	
1305	17.66	6.70	0.563	>1000	1 gal	—
1307	17.72	6.59	0.568	>1000	2 gal	—
1309	17.62	6.61	0.569	>1000	3 gal	—
1311	17.70	6.55	0.571	484	4 gal	—
1313	17.57	6.49	0.572	476	5 gal	—
1315	17.59	6.50	0.570	451	6 gal	—
1317	17.50	6.51	0.568	372	7 gal	—
1319	17.47	6.62	0.565	270	8 gal	—
1321	17.50	6.53	0.566	147	9 gal	—
1323	17.72	6.51	0.567	110	10 gal	—
Did Well Dewater?		If yes, note above.		Gallons Actually Evacuated: 14		

WELL DEVELOPMENT DATA SHEET

Well I.D. MW-11A	PAGE 2 OF 2
Project #: 230919-301	Client: Arcadis

TIME	TEMP (F)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
1325	17.53	6.46	0.572	59	11 gal	
1327	17.70	6.45	0.567	49	12 gal	
1329	17.65	6.54	0.565	42	13 gal	
1331	17.57	6.57	0.564	31	14 gal	

WELL DEVELOPMENT DATA SHEET

Project #: 230919-JD1	Client: ARCADIS
Developer: JP	Date Developed: 09/21/23
Well I.D. MW-22	Well Diameter: (circle one) 2 3 (4) 6 ___
Total Well Depth: Before 23.09 After 23.14	Depth to Water: Before 13.65 After 18.96
Reason not developed: ~~~	If Free Product, thickness: ~~~
Additional Notations:	

Volume Conversion Factor (VCF):
{12 x (d^2/4) x π} /231
where
12 = in / foot
d = diameter (in.)
π = 3.1416
231 = in 3/gal

Well dia.		VCF
2"	=	0.16
3"	=	0.37
4"	=	0.65
6"	=	1.47
10"	=	4.08
12"	=	6.87

6	X	10	=	60
1 Case Volume		Specified Volumes		gallons

Purging Device: Bailer ☐ Electric Submersible ☒
Middleburg ☐ Suction Pump ☐

Type of Installed Pump 4x4
Other equipment used

TIME	TEMP (C)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
		Start Surge @		0959		
		Stop Surge @		1011		
		Pump ON @		1017		
1021	14.71	6.89	0.768	>1000	6 gal	
1026	14.44	6.69	0.759	17	12 gal	
1032	14.53	6.45	0.869	10	18 gal	
1038	14.54	6.46	0.886	10	24 gal	
1045	14.72	6.45	0.887	9	30 gal	
1051	14.75	6.28	0.887	7	36 gal	
1059	15.34	6.37	0.887	7	42 gal	
1109	15.13	6.35	0.886	5	48 gal	
1115	14.82	6.34	0.886	3	54 gal	
1122	14.77	6.36	0.886	3	60 gal	
Did Well Dewater? NO		If yes, note above.		Gallons Actually Evacuated: →		60

WELL DEVELOPMENT DATA SHEET

Project #: 230419-101	Client: ARCADIS
Developer: JD	Date Developed: 09/20/23
Well I.D. MW-36	Well Diameter: (circle one) (2) 3 4 6 ___
Total Well Depth: Before 20.40 After 20.42	Depth to Water: Before 15.41 After 17.69
Reason not developed: —	If Free Product, thickness: —
Additional Notations:	

Volume Conversion Factor (VCF):
{12 x (d^2/4) x π} /231
where
12 = in / foot
d = diameter (in.)
π = 3.1416
231 = in 3/gal

Well dia.		VCF
2"	=	0.16
3"	=	0.37
4"	=	0.65
6"	=	1.47
10"	=	4.08
12"	=	6.87

1.0	X	10		10
1 Case Volume		Specified Volumes	=	gallons

Purging Device: Bailer ☐ Electric Submersible ☑
Middleburg ☐ Suction Pump ☐

Type of Installed Pump 4x4
Other equipment used

TIME	TEMP (C°) (F)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
		Start Surge @		1144		
		Stop Surge @		1158		
		Turn Pump on @		1204		
1206	13.80	6.46	0.854	>1000	1 gal	
1208	13.72	6.43	0.893	>1000	2 gal	
1211	13.68	6.45	0.881	>1000	3 gal	
1213	13.67	6.47	0.883	>1000	4 gal	
1215	13.82	6.52	0.866	>1000	5 gal	
1217	13.76	6.55	0.865	756	6 gal	
1219	13.68	6.57	0.865	218	7 gal	
1221	13.81	6.58	0.864	163	8 gal	
1223	13.74	6.55	0.871	154	9 gal	
1225	13.69	6.49	0.869	125	10 gal	
Did Well Dewater? NO		If yes, note above.		Gallons Actually Evacuated: 17		

WELL DEVELOPMENT DATA SHEET

Well I.D. MW.3B	PAGE 2 OF 2
Project #: 230919-301	Client: Arcadis

TIME	TEMP (C) (F)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
1228	13.91	6.55	0.866	172	11 gal	
1230	13.86	6.53	0.866	124	12 gal	
1232	13.83	6.52	0.864	105	13 gal	
1234	13.79	6.51	0.864	69	14 gal	
1236	13.79	6.49	0.866	60	15 gal	
1238	13.82	6.50	0.863	40	16 gal	
1240	13.89	6.50	0.861	23	17 gal	

WELL DEVELOPMENT DATA SHEET

Project #: 230919-J01	Client: ARCADIS
Developer: JD	Date Developed: 09/20/23
Well I.D. MW-37	Well Diameter: (circle one) (2) 3 4 6
Total Well Depth: Before 19.90 After 19.96	Depth to Water: Before 15.06 After 17.73
Reason not developed: —	If Free Product, thickness: —
Additional Notations:	

Volume Conversion Factor (VCF):
{12 x (d^2/4) x π} /231
where
12 = in / foot
d = diameter (in.)
π = 3.1416
231 = in 3/gal

Well dia.		VCF
2"	=	0.16
3"	=	0.37
4"	=	0.65
6"	=	1.47
10"	=	4.08
12"	=	6.87

1.0	X	10	=	10
1 Case Volume		Specified Volumes		gallons

Purging Device: Bailer ☐ Electric Submersible ☒
Middleburg ☐ Suction Pump ☐
Type of Installed Pump 4x4
Other equipment used

TIME	TEMP (C/F)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
		Start Surge: 1013				
		Stop Surge: 1028				
		Turn pump on @1036				
1040	14.18	6.98	0.817	>1000	1 gal	
1045	14.10	6.60	0.837	>1000	2 gal	
1050	13.95	6.46	0.841	>1000	3 gal	
1056	13.89	6.36	0.838	>1000	4 gal	
1101	14.03	6.30	0.845	>1000	5 gal	
1109	13.91	6.41	0.846	>1000	6 gal	
1117	14.15	6.38	0.845	863	7 gal	
1122	14.20	6.21	0.848	670	8 gal	
1125	14.35	6.22	0.848	544	9 gal	
1128	14.19	6.24	0.849	392	10 gal	
Did Well Dewater? No		If yes, note above. ✓		Gallons Actually Evacuated: 10		

WELL DEVELOPMENT DATA SHEET

Well I.D. MW-37	PAGE 2 OF 2
Project #: 230919-101	Client: ARCADIS

TIME	TEMP (C)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
1131	14.27	6.15	0.845	262	11 gal	
1135	14.47	6.21	0.846	157	12 gal	
1139	14.08	6.26	0.844	109	13 gal	
1142	14.29	6.23	0.851	72	14 gal	
1148	14.18	6.21	0.839	69	15 gal	
1151	14.37	6.27	0.845	81	16 gal	

WELL DEVELOPMENT DATA SHEET

Project #: 230919-J01	Client: Arcadis
Developer: JP	Date Developed: 09/20/23
Well I.D. MW-38	Well Diameter: (circle one) (2) 3 4 6
Total Well Depth: Before 19.33 After 19.38	Depth to Water: Before 14.16 After 16.39
Reason not developed: —	If Free Product, thickness: —
Additional Notations:	

Volume Conversion Factor (VCF):
{12 x (d^2/4) x π} /231
where
12 = in / foot
d = diameter (in.)
π = 3.1416
231 = in 3/gal

Well dia.		VCF
2"	=	0.16
3"	=	0.37
4"	=	0.65
6"	=	1.47
10"	=	4.08
12"	=	6.87

1	X	10	=	10
1 Case Volume		Specified Volumes		gallons

Purging Device: Bailer ☐ Middleburg ☐ Electric Submersible ☒ Suction Pump ☐

Type of Installed Pump 4x4

Other equipment used

TIME	TEMP (°C) (F)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
		Began	Surging @ 0858			
		Finished	Surging @ 0912			
		Turned	pump on @			
0917	14.64	7.62	0.810	>1000	1 gal	
0919	14.56	7.23	0.817	>1000	2 gal	
0921	14.78	7.14	0.819	>1000	3 gal	
0923	14.81	7.02	0.829	>1000	4 gal	
0935	14.99	6.98	0.851	704	5 gal	
0937	14.57	6.88	0.874	398	6 gal	
1939 ~~0929~~ M4	14.43	6.87	0.882	336	7 gal	
0941	14.73	6.86	0.893	297	8 gal	
0953	14.75	6.93	0.892	174	9 gal	
0955	14.69	6.91	0.891	91	10 gal	
Did Well Dewater?		If yes, note above.		Gallons Actually Evacuated: 10		

WELL DEVELOPMENT DATA SHEET

Well I.D. MW-38	PAGE 2 OF 2
Project #: 230919.001	Client: Arcadis

TIME	TEMP (F)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
1009	14.99	7.07	0.911	68	11 gal	—
1015	14.58	7.01	0.914	64	12 gal	—
1021	14.62	6.98	0.910	45	13 gal	—
1025	14.77	6.67	0.906	42	14 gal	—

WELL DEVELOPMENT DATA SHEET

Project #: 230919-J01	Client: Arcadis
Developer: JD	Date Developed: 09/19/23
Well I.D. MW-40	Well Diameter: (circle one) (2) 3 4 6 ___
Total Well Depth: Before 15.00 After 15.00	Depth to Water: Before 14.58 After Dry
Reason not developed: —	If Free Product, thickness: / —
Additional Notations:	

Volume Conversion Factor (VCF):	Well dia.		VCF
{12 x (d^2/4) x π} /231	2"	=	0.16
where	3"	=	0.37
12 = in / foot	4"	=	0.65
d = diameter (in.)	6"	=	1.47
π = 3.1416	10"	=	4.08
231 = in 3/gal	12"	=	6.87

0.1	X	10	=	1
1 Case Volume		Specified Volumes		gallons

Purging Device: Bailer ☒ Electric Submersible ☒
Middleburg ☐ Suction Pump ☐

Type of Installed Pump 4x4
Other equipment used

TIME	TEMP (°C)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
—	—	Started Surging @ 1030				—
—	—	Finished Surging		@ 1040		—
—	—	Dropped Bailer Down @ 1042				—
1044	16.20	6.30	0.604	1700	0.1	—
—	—	well dewatered		@ 1047		—
—	—	DTW: Dry		TD: 15.00		—
—	returned to well			@ 1350	09/19/23	—
—	returned to well			@ 1345	09/20/23	—
—	returned to well			@ 1200	09/21/23	—
—	—	Well is DRY		@	15'	—

Did Well Dewater? yes | If yes, note above. ✓ | Gallons Actually Evacuated: 0.1

WELL DEVELOPMENT DATA SHEET

Project #: 230919 - JD1	Client: ARCADIS
Developer: JD	Date Developed: 09/21/23
Well I.D. MW-46	Well Diameter: (circle one) (2) 3 4 6 ___
Total Well Depth: Before 19.60 After 20.03	Depth to Water: Before 11.37 After 13.14
Reason not developed: —	If Free Product, thickness: —
Additional Notations:	

Volume Conversion Factor (VCF):	Well dia.		VCF
{12 x (d^2/4) x π} /231	2"	=	0.16
where	3"	=	0.37
12 = in / foot	4"	=	0.65
d = diameter (in.)	6"	=	1.47
π = 3.1416	10"	=	4.08
231 = in 3/gal	12"	=	6.87

1.5	X	10		15
1 Case Volume		Specified Volumes	=	gallons

Purging Device: Bailer ☐ Electric Submersible ☒
Middleburg ☐ Suction Pump ☐

Type of Installed Pump 4"x4"
Other equipment used

TIME	TEMP (C° F)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
		Start	Surge @	1132		
		Stop	Surge @	1146		
		PUMP	ON @	1150		
1151	15.67	6.37	0.584	>1000	1.5 gal	
1155	15.48	6.31	0.610	516	3 gal	
1157	15.60	6.27	0.612	498	4.5 gal	
1200	15.58	6.24	0.631	488	6 gal	
1202	15.57	6.18	0.638	499	7.5 gal	
1205	15.76	6.30	0.630	457	9 gal	
1208	15.56	6.41	0.633	433	10.5 gal	
1210	15.57	6.31	0.633	396	12 gal	
1212	15.61	6.24	0.615	345	13.5 gal	
1214	15.75	6.21	0.612	336	15 gal	
Did Well Dewater? NO		If yes, note above.		Gallons Actually Evacuated: 24		74 mL

WELL DEVELOPMENT DATA SHEET

Well I.D. MW-46	PAGE 2 OF 2
Project #: 230919-001	Client: ARCADIS

TIME	TEMP (C° / F)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
1216	15.58	6.19	0.627	297	16.5 gal	
1218	15.56	6.18	0.627	261	18 gal	
1221	15.51	6.18	0.631	238	19.5 gal	
1223	15.49	6.21	0.626	230	21 gal	
1225	15.50	6.20	0.624	221	22.5 gal	
1227	15.13	6.18	0.625	216	24 gal	

APPENDIX C

Investigation Derived Waste Manifest

(6)

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

DI 2302097299

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. NONEREQUIRED	Manifest Document No. NH97299	2. Page 1 of 1

3. Generator's Name and Mailing Address
Chevron EMC - 211577
Waste Tracking Desk P.O. BOX 6004
San Ramon CA 94583
4. Generator's Phone ((877) 386-6044 ATTN:Waste Tracking Desk

Site Address :
677 1st Avenue West
Seattle,WA 98119

5. Transporter 1 Company Name	6. US EPA ID Number	A. State Transporter's ID
Clean Harbors Environmental Services, Inc.	MAD039322250	B. Transporter 1 Phone (781) 792-5000
7. Transporter 2 Company Name	8. US EPA ID Number	C. State Transporter's ID
		D. Transporter 2 Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	E. State Facility's ID
Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029	UTD991301748	F. Facility's Phone (435) 884-8900

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. NON DOT REGULATED MATERIAL, (PETROLEUM IMPACTED SOIL (NON HAZARDOUS))	04	DM	3200	P
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above
11a.CH1963734 4X55

H. Handling Codes for Wastes Listed Above
H132

15. Special Handling Instructions and Additional Information
Proper PPE must be worn.

EMERGENCY PHONE #: (800) 424-9300
GENERATOR: Chevron EMC - 211577

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: JOEL SILVA ON BEHALF OF CHEVRON
Signature: Joel Silva
Date: Month 04 Day 20 Year 22

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JOEL SILVA
Signature: Joel Silva
Date: Month 04 Day 20 Year 22

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
202300
Printed/Typed Name: Cathy Loffel
Signature: Cathy Loffel
Date: Month 4 Day 25 Year 23

NON-HAZARDOUS WASTE

Generator acknowledges that no material change has occurred either in the characteristics or in the process generating the material.

Clean Harbors Manifest Addendum

Generator ID Number:		Sales Order Number:
NONEREQUIRED	NH97299	2302097299

Chevron EMC - 211577
677 1st Avenue West
Seattle, WA98119

Line #:	Profile No:	Profile Description:	Waste Codes:
11a	CH1963734	RETAIL - IMPACTED SOIL (NON HAZARDOUS)	

CH Container #	Customer Container #
C000000007	
C000000008	
C000000009	
C000000010	

APPENDIX D

Laboratory Reports and Chain of Custody Documents

ANALYTICAL REPORT

April 13, 2023

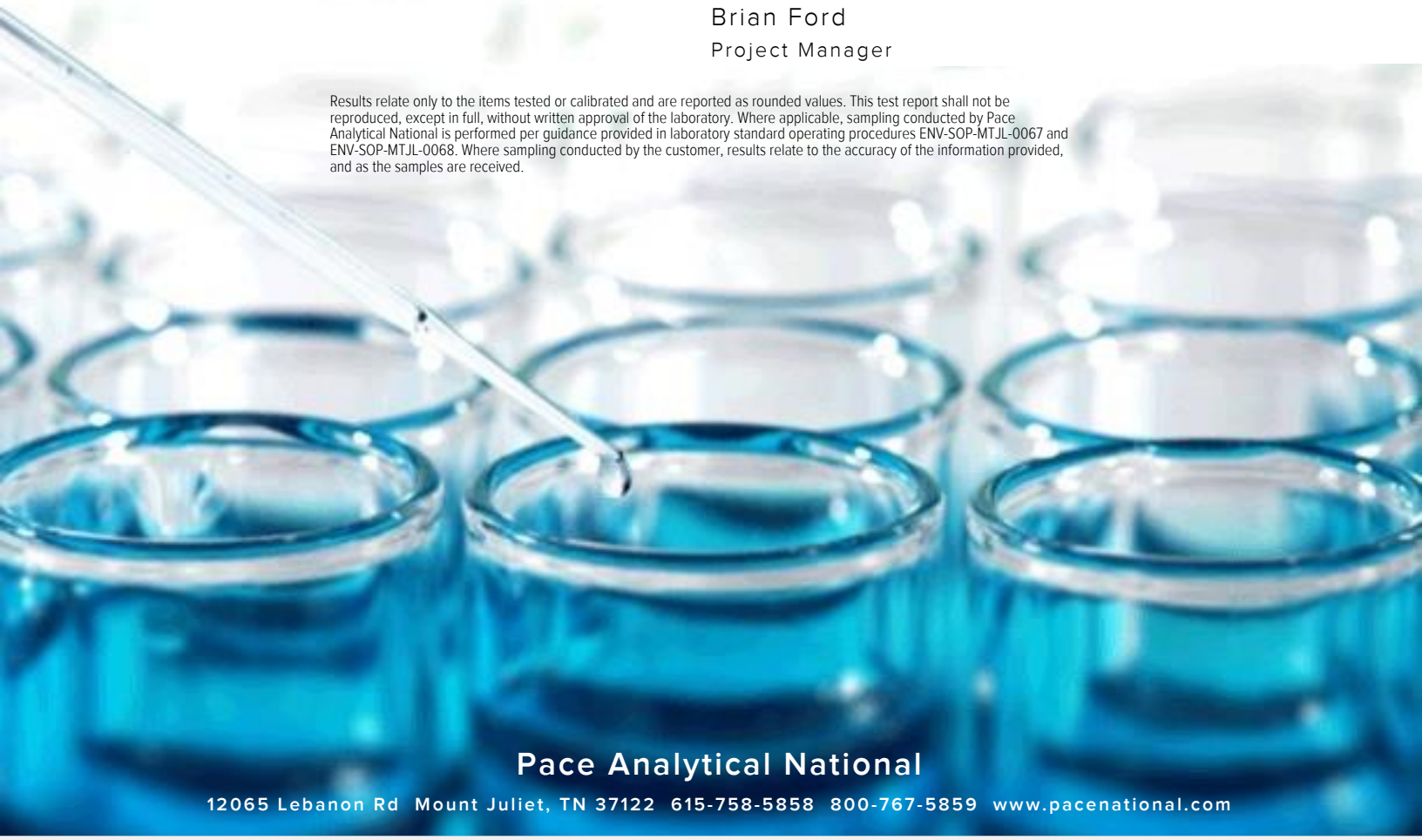
Arcadis - Chevron - WA

Sample Delivery Group:	L1602920
Samples Received:	04/06/2023
Project Number:	30064319 99.07
Description:	211577
Site:	631 QUEEN ANNE AVE N, SEATTLE
Report To:	Ada Hamilton 1100 Olive Way Suite 800 Seattle, WA 98101

Entire Report Reviewed By:

Brian Ford

Project Manager



Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

TABLE OF CONTENTS

MW-3A-5_20230328 L1602920-01 Solid

Collected by: Brian Pauley | Collected date/time: 03/28/23 12:30 | Received date/time: 04/06/23 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2037989	1	04/07/23 15:46	04/07/23 16:03	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2038396	5	04/08/23 14:15	04/10/23 16:11	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2039358	25	03/28/23 12:30	04/11/23 13:57	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2039297	1	03/28/23 12:30	04/10/23 15:51	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2038635	1	04/10/23 07:22	04/10/23 14:40	JSS	Mt. Juliet, TN

MW-3A-10_20230328 L1602920-02 Solid

Collected by: Brian Pauley | Collected date/time: 03/28/23 12:35 | Received date/time: 04/06/23 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2037989	1	04/07/23 15:46	04/07/23 16:03	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2038396	5	04/08/23 14:15	04/10/23 15:54	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2040490	25	03/28/23 12:35	04/12/23 13:36	NCC	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2039297	1	03/28/23 12:35	04/10/23 16:11	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2038635	1	04/10/23 07:22	04/10/23 13:13	JSS	Mt. Juliet, TN

MW-3A-15_20230328 L1602920-03 Solid

Collected by: Brian Pauley | Collected date/time: 03/28/23 12:40 | Received date/time: 04/06/23 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2037989	1	04/07/23 15:46	04/07/23 16:03	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2038396	5	04/08/23 14:15	04/10/23 16:14	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2039358	25	03/28/23 12:40	04/11/23 14:42	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2039297	1	03/28/23 12:40	04/10/23 16:30	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2038635	1	04/10/23 07:22	04/10/23 13:39	JSS	Mt. Juliet, TN

MW-3A-20_20230328 L1602920-04 Solid

Collected by: Brian Pauley | Collected date/time: 03/28/23 14:00 | Received date/time: 04/06/23 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2037989	1	04/07/23 15:46	04/07/23 16:03	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2038396	5	04/08/23 14:15	04/10/23 16:17	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2039358	25	03/28/23 14:00	04/11/23 15:04	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2039297	1	03/28/23 14:00	04/10/23 16:50	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2038635	1	04/10/23 07:22	04/10/23 14:55	JSS	Mt. Juliet, TN

MW-11A-5_20230329 L1602920-05 Solid

Collected by: Brian Pauley | Collected date/time: 03/29/23 12:55 | Received date/time: 04/06/23 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2037989	1	04/07/23 15:46	04/07/23 16:03	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2038396	5	04/08/23 14:15	04/10/23 16:28	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2039358	25	03/29/23 12:55	04/11/23 16:12	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2039286	1	03/29/23 12:55	04/10/23 18:43	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2038635	1	04/10/23 07:22	04/10/23 13:51	JSS	Mt. Juliet, TN

MW-11A-10_20230329 L1602920-06 Solid

Collected by: Brian Pauley | Collected date/time: 03/29/23 13:00 | Received date/time: 04/06/23 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2037989	1	04/07/23 15:46	04/07/23 16:03	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2038396	5	04/08/23 14:15	04/10/23 16:32	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2039358	25	03/29/23 13:00	04/11/23 16:34	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2039286	1	03/29/23 13:00	04/10/23 19:05	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2038635	1	04/10/23 07:22	04/10/23 13:26	JSS	Mt. Juliet, TN

MW-11A-15_20230329 L1602920-07 Solid

Collected by: Brian Pauley | Collected date/time: 03/29/23 13:05 | Received date/time: 04/06/23 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2038080	1	04/08/23 10:22	04/08/23 10:40	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2038396	5	04/08/23 14:15	04/10/23 16:35	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2039358	25	03/29/23 13:05	04/11/23 16:56	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2039286	1	03/29/23 13:05	04/10/23 19:26	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2038635	1	04/10/23 07:22	04/10/23 14:03	JSS	Mt. Juliet, TN

MW-11A-20_20230329 L1602920-08 Solid

Collected by: Brian Pauley | Collected date/time: 03/29/23 13:35 | Received date/time: 04/06/23 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2038095	1	04/08/23 12:36	04/08/23 13:00	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2038396	5	04/08/23 14:15	04/10/23 16:38	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2039358	25	03/29/23 13:35	04/11/23 17:19	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2039286	1	03/29/23 13:35	04/10/23 19:47	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2038635	1	04/10/23 07:22	04/10/23 13:39	JSS	Mt. Juliet, TN

MW-36-5_20230328 L1602920-09 Solid

Collected by: Brian Pauley | Collected date/time: 03/28/23 14:30 | Received date/time: 04/06/23 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2038095	1	04/08/23 12:36	04/08/23 13:00	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2038396	5	04/08/23 14:15	04/10/23 16:42	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2039358	26.3	03/28/23 14:30	04/11/23 15:27	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2039297	1.05	03/28/23 14:30	04/10/23 17:10	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2038635	1	04/10/23 07:22	04/10/23 14:15	JSS	Mt. Juliet, TN

MW-36-10_20230330 L1602920-10 Solid

Collected by: Brian Pauley | Collected date/time: 03/30/23 14:30 | Received date/time: 04/06/23 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2038095	1	04/08/23 12:36	04/08/23 13:00	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2038396	5	04/08/23 14:15	04/10/23 16:45	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2039358	25	03/30/23 14:30	04/11/23 17:41	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2039297	1	03/30/23 14:30	04/10/23 17:29	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2038635	1	04/10/23 07:22	04/10/23 13:51	JSS	Mt. Juliet, TN

MW-36-15_20230330 L1602920-11 Solid

Collected by: Brian Pauley | Collected date/time: 03/30/23 15:00 | Received date/time: 04/06/23 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2038095	1	04/08/23 12:36	04/08/23 13:00	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2038396	5	04/08/23 14:15	04/10/23 16:48	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2039358	25	03/30/23 15:00	04/11/23 18:04	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2039297	1	03/30/23 15:00	04/10/23 17:49	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2038635	1	04/10/23 07:22	04/10/23 14:03	JSS	Mt. Juliet, TN

MW-36-20_20230330 L1602920-12 Solid

Collected by: Brian Pauley | Collected date/time: 03/30/23 15:05 | Received date/time: 04/06/23 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2038095	1	04/08/23 12:36	04/08/23 13:00	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2038396	5	04/08/23 14:15	04/10/23 16:52	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2039358	25	03/30/23 15:05	04/11/23 18:26	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2039297	1	03/30/23 15:05	04/10/23 18:09	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2038635	1	04/10/23 07:22	04/10/23 14:15	JSS	Mt. Juliet, TN

MW-37-5_20230328 L1602920-13 Solid

Collected by: Brian Pauley | Collected date/time: 03/28/23 14:15 | Received date/time: 04/06/23 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2038095	1	04/08/23 12:36	04/08/23 13:00	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2038396	5	04/08/23 14:15	04/10/23 16:55	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2039358	25	03/28/23 14:15	04/11/23 15:49	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2039297	1	03/28/23 14:15	04/10/23 18:28	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2038635	1	04/10/23 07:22	04/10/23 14:28	JSS	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG2038271	1	04/08/23 10:08	04/09/23 21:36	HMH	Mt. Juliet, TN

MW-37-10_20230330 L1602920-14 Solid

Collected by: Brian Pauley | Collected date/time: 03/30/23 11:55 | Received date/time: 04/06/23 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2038095	1	04/08/23 12:36	04/08/23 13:00	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2038396	1	04/08/23 14:15	04/10/23 16:58	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2039358	25	03/30/23 11:55	04/11/23 18:49	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2039297	1	03/30/23 11:55	04/10/23 18:48	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2038646	1	04/10/23 07:19	04/10/23 19:16	KAP	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG2038271	1	04/08/23 10:08	04/09/23 21:45	HMH	Mt. Juliet, TN

MW-37-15_20230330 L1602920-15 Solid

Collected by: Brian Pauley | Collected date/time: 03/30/23 12:05 | Received date/time: 04/06/23 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2038095	1	04/08/23 12:36	04/08/23 13:00	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2038396	5	04/08/23 14:15	04/10/23 17:09	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2039369	1000	03/30/23 12:05	04/11/23 19:39	BAM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2039297	80	03/30/23 12:05	04/10/23 22:04	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2038646	1	04/10/23 07:19	04/10/23 21:08	KAP	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2038646	5	04/10/23 07:19	04/11/23 09:48	KAP	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG2038271	1	04/08/23 10:08	04/09/23 21:54	HMH	Mt. Juliet, TN

MW-37-20_20230330 L1602920-16 Solid

Collected by: Brian Pauley | Collected date/time: 03/30/23 12:20 | Received date/time: 04/06/23 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2038095	1	04/08/23 12:36	04/08/23 13:00	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2038396	5	04/08/23 14:15	04/10/23 17:13	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2039369	25	03/30/23 12:20	04/11/23 13:37	BAM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2039297	1	03/30/23 12:20	04/10/23 19:08	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2038646	1	04/10/23 07:19	04/10/23 19:16	KAP	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG2038271	1	04/08/23 10:08	04/09/23 22:03	HMH	Mt. Juliet, TN

FD-1_20230330 L1602920-17 Solid

Collected by: Brian Pauley | Collected date/time: 03/30/23 00:00 | Received date/time: 04/06/23 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2038095	1	04/08/23 12:36	04/08/23 13:00	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2038396	5	04/08/23 14:15	04/10/23 17:16	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2039369	25	03/30/23 00:00	04/11/23 14:26	BAM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2039297	1	03/30/23 00:00	04/10/23 19:27	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2038646	1	04/10/23 07:19	04/10/23 19:28	KAP	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG2038271	1	04/08/23 10:08	04/09/23 22:12	HMH	Mt. Juliet, TN

MW-38-5_20230331 L1602920-18 Solid

Collected by: Brian Pauley | Collected date/time: 03/31/23 11:15 | Received date/time: 04/06/23 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2038097	1	04/08/23 12:13	04/08/23 12:32	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2038396	5	04/08/23 14:15	04/10/23 17:19	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2039369	25	03/31/23 11:15	04/11/23 14:50	BAM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2039297	1	03/31/23 11:15	04/10/23 19:47	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2038646	1	04/10/23 07:19	04/10/23 20:55	KAP	Mt. Juliet, TN

MW-38-10_20230331 L1602920-19 Solid

Collected by: Brian Pauley | Collected date/time: 03/31/23 12:15 | Received date/time: 04/06/23 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2038097	1	04/08/23 12:13	04/08/23 12:32	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2038396	5	04/08/23 14:15	04/10/23 17:23	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2039369	25	03/31/23 12:15	04/11/23 15:15	BAM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2039297	1	03/31/23 12:15	04/10/23 20:06	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2038646	1	04/10/23 07:19	04/10/23 19:28	KAP	Mt. Juliet, TN

MW-38-15_20230331 L1602920-20 Solid

Collected by: Brian Pauley | Collected date/time: 03/31/23 12:20 | Received date/time: 04/06/23 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2038097	1	04/08/23 12:13	04/08/23 12:32	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2038396	5	04/08/23 14:15	04/10/23 17:26	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2039369	500	03/31/23 12:20	04/11/23 20:06	BAM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2039852	8	03/31/23 12:20	04/11/23 21:18	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2038646	1	04/10/23 07:19	04/10/23 19:41	KAP	Mt. Juliet, TN

MW-38-20_20230331 L1602920-21 Solid

Collected by: Brian Pauley | Collected date/time: 03/31/23 13:00 | Received date/time: 04/06/23 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2038097	1	04/08/23 12:13	04/08/23 12:32	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2038401	5	04/08/23 13:54	04/10/23 18:17	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2039369	250	03/31/23 13:00	04/11/23 20:30	BAM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2039362	20	03/31/23 13:00	04/11/23 04:51	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2038646	1	04/10/23 07:19	04/10/23 19:41	KAP	Mt. Juliet, TN

FD-2_20230331 L1602920-22 Solid

Collected by: Brian Pauley | Collected date/time: 03/31/23 00:00 | Received date/time: 04/06/23 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2038097	1	04/08/23 12:13	04/08/23 12:32	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2038401	5	04/08/23 13:54	04/10/23 18:21	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2039369	250	03/31/23 00:00	04/11/23 20:54	BAM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2039362	20	03/31/23 00:00	04/11/23 05:10	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2038646	1	04/10/23 07:19	04/10/23 20:43	KAP	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2038646	5	04/10/23 07:19	04/11/23 10:01	KAP	Mt. Juliet, TN

MW-40-5_20230404 L1602920-23 Solid

Collected by: Brian Pauley | Collected date/time: 04/03/23 10:20 | Received date/time: 04/06/23 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2038097	1	04/08/23 12:13	04/08/23 12:32	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2038401	5	04/08/23 13:54	04/10/23 18:24	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2039369	25	04/03/23 10:20	04/11/23 15:39	BAM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2039362	1	04/03/23 10:20	04/11/23 01:42	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2038646	1	04/10/23 07:19	04/10/23 20:55	KAP	Mt. Juliet, TN

MW-40-10_20230404 L1602920-24 Solid

Collected by: Brian Pauley | Collected date/time: 04/03/23 11:15 | Received date/time: 04/06/23 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2038097	1	04/08/23 12:13	04/08/23 12:32	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2038401	5	04/08/23 13:54	04/10/23 18:39	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2039369	25	04/03/23 11:15	04/11/23 16:04	BAM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2039362	1	04/03/23 11:15	04/11/23 02:01	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2038646	1	04/10/23 07:19	04/10/23 20:30	KAP	Mt. Juliet, TN

MW-40-15_20230404 L1602920-25 Solid

Collected by: Brian Pauley | Collected date/time: 04/03/23 11:20 | Received date/time: 04/06/23 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2038097	1	04/08/23 12:13	04/08/23 12:32	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2038401	5	04/08/23 13:54	04/10/23 18:43	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2040715	25	04/03/23 11:20	04/13/23 04:25	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2039852	1	04/03/23 11:20	04/11/23 20:57	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2038646	1	04/10/23 07:19	04/10/23 20:06	KAP	Mt. Juliet, TN

MW-40-20_20230404 L1602920-26 Solid

Collected by: Brian Pauley | Collected date/time: 04/03/23 11:45 | Received date/time: 04/06/23 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2038097	1	04/08/23 12:13	04/08/23 12:32	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2038401	5	04/08/23 13:54	04/10/23 18:46	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2039369	30.3	04/03/23 11:45	04/11/23 16:28	BAM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2039362	1.21	04/03/23 11:45	04/11/23 02:20	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2040184	1	04/12/23 07:46	04/12/23 12:30	JAS	Mt. Juliet, TN

MW-40-25_20230404 L1602920-27 Solid

Collected by: Brian Pauley | Collected date/time: 04/03/23 14:00 | Received date/time: 04/06/23 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2038097	1	04/08/23 12:13	04/08/23 12:32	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2038401	5	04/08/23 13:54	04/10/23 18:49	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2039369	27	04/03/23 14:00	04/11/23 17:04	BAM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2039362	1.08	04/03/23 14:00	04/11/23 02:39	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2038646	1	04/10/23 07:19	04/10/23 20:30	KAP	Mt. Juliet, TN

FD-3_20230404 L1602920-28 Solid

Collected by: Brian Pauley | Collected date/time: 04/04/23 00:00 | Received date/time: 04/06/23 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2038099	1	04/08/23 11:49	04/08/23 12:11	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2038401	5	04/08/23 13:54	04/10/23 18:53	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2039369	25	04/04/23 00:00	04/11/23 17:32	BAM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2039362	1	04/04/23 00:00	04/11/23 02:58	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2038646	1	04/10/23 07:19	04/10/23 19:53	KAP	Mt. Juliet, TN

MW-46-5_20230404 L1602920-29 Solid

Collected by: Brian Pauley | Collected date/time: 04/03/23 13:15 | Received date/time: 04/06/23 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2038099	1	04/08/23 11:49	04/08/23 12:11	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2038401	5	04/08/23 13:54	04/10/23 18:56	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2039369	25	04/03/23 13:15	04/11/23 18:02	BAM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2039362	1	04/03/23 13:15	04/11/23 03:16	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2038646	1	04/10/23 07:19	04/10/23 19:53	KAP	Mt. Juliet, TN

MW-46-10_20230404 L1602920-30 Solid

Collected by: Brian Pauley | Collected date/time: 04/04/23 09:15 | Received date/time: 04/06/23 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2038099	1	04/08/23 11:49	04/08/23 12:11	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2038401	5	04/08/23 13:54	04/10/23 18:59	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2039369	25.3	04/04/23 09:15	04/11/23 18:26	BAM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2039362	1.01	04/04/23 09:15	04/11/23 03:36	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2038646	1	04/10/23 07:19	04/10/23 20:43	KAP	Mt. Juliet, TN

MW-46-15_20230404 L1602920-31 Solid

Collected by: Brian Pauley
Collected date/time: 04/04/23 09:30
Received date/time: 04/06/23 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2038099	1	04/08/23 11:49	04/08/23 12:11	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2038401	5	04/08/23 13:54	04/10/23 19:02	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2039369	25	04/04/23 09:30	04/11/23 18:51	BAM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2039362	1	04/04/23 09:30	04/11/23 03:54	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2038646	1	04/10/23 07:19	04/10/23 20:18	KAP	Mt. Juliet, TN

MW-46-20_20230404 L1602920-32 Solid

Collected by: Brian Pauley
Collected date/time: 04/04/23 09:45
Received date/time: 04/06/23 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2038099	1	04/08/23 11:49	04/08/23 12:11	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2038401	5	04/08/23 13:54	04/10/23 18:01	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2039369	25	04/04/23 09:45	04/11/23 19:15	BAM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2039362	1	04/04/23 09:45	04/11/23 04:13	JBE	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2038646	1	04/10/23 07:19	04/10/23 20:18	KAP	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Brian Ford
Project Manager

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	81.4		1	04/07/2023 16:03	WG2037989

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	1.97	J	0.122	2.46	5	04/10/2023 16:11	WG2038396

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	U		1.28	3.76	25	04/11/2023 13:57	WG2039358
(S) a,a,a-Trifluorotoluene(FID)	*95.6*			*77.0-120*		*04/11/2023 13:57*	WG2039358

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000703	0.00150	1	04/10/2023 15:51	WG2039297
Toluene	0.00313	J	0.00196	0.00752	1	04/10/2023 15:51	WG2039297
Ethylbenzene	U		0.00111	0.00376	1	04/10/2023 15:51	WG2039297
Xylenes, Total	0.00706	J	0.00132	0.00978	1	04/10/2023 15:51	WG2039297
Naphthalene	U		0.00734	0.0188	1	04/10/2023 15:51	WG2039297
(S) Toluene-d8	*101*			*75.0-131*		*04/10/2023 15:51*	WG2039297
(S) 4-Bromofluorobenzene	*94.3*			*67.0-138*		*04/10/2023 15:51*	WG2039297
(S) 1,2-Dichloroethane-d4	*91.8*			*70.0-130*		*04/10/2023 15:51*	WG2039297

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	U		1.63	4.92	1	04/10/2023 14:40	WG2038635
Residual Range Organics (RRO)	4.28	J	4.09	12.3	1	04/10/2023 14:40	WG2038635
(S) o-Terphenyl	*52.4*			*18.0-148*		*04/10/2023 14:40*	WG2038635

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.3		1	04/07/2023 16:03	WG2037989

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	2.43		0.117	2.37	5	04/10/2023 15:54	WG2038396

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	1.94	B J T8	1.17	3.44	25	04/12/2023 13:36	WG2040490
(S) a,a,a-Trifluorotoluene(FID)	*103*			*77.0-120*		*04/12/2023 13:36*	WG2040490

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000643	0.00138	1	04/10/2023 16:11	WG2039297
Toluene	0.00361	J	0.00179	0.00688	1	04/10/2023 16:11	WG2039297
Ethylbenzene	U		0.00101	0.00344	1	04/10/2023 16:11	WG2039297
Xylenes, Total	0.00679	J	0.00121	0.00895	1	04/10/2023 16:11	WG2039297
Naphthalene	U		0.00672	0.0172	1	04/10/2023 16:11	WG2039297
(S) Toluene-d8	*101*			*75.0-131*		*04/10/2023 16:11*	WG2039297
(S) 4-Bromofluorobenzene	*95.7*			*67.0-138*		*04/10/2023 16:11*	WG2039297
(S) 1,2-Dichloroethane-d4	*90.4*			*70.0-130*		*04/10/2023 16:11*	WG2039297

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	U		1.58	4.75	1	04/10/2023 13:13	WG2038635
Residual Range Organics (RRO)	U		3.95	11.9	1	04/10/2023 13:13	WG2038635
(S) o-Terphenyl	*49.7*			*18.0-148*		*04/10/2023 13:13*	WG2038635

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	81.2		1	04/07/2023 16:03	WG2037989

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	1.51	J	0.122	2.46	5	04/10/2023 16:14	WG2038396

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	1.65	J J3	1.27	3.74	25	04/11/2023 14:42	WG2039358
(S) a,a,a-Trifluorotoluene(FID)	*96.8*			*77.0-120*		*04/11/2023 14:42*	WG2039358

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.000716	J	0.000699	0.00150	1	04/10/2023 16:30	WG2039297
Toluene	0.00612	J	0.00195	0.00749	1	04/10/2023 16:30	WG2039297
Ethylbenzene	U		0.00110	0.00374	1	04/10/2023 16:30	WG2039297
Xylenes, Total	0.00889	J	0.00132	0.00973	1	04/10/2023 16:30	WG2039297
Naphthalene	U		0.00731	0.0187	1	04/10/2023 16:30	WG2039297
(S) Toluene-d8	*106*			*75.0-131*		*04/10/2023 16:30*	WG2039297
(S) 4-Bromofluorobenzene	*103*			*67.0-138*		*04/10/2023 16:30*	WG2039297
(S) 1,2-Dichloroethane-d4	*87.3*			*70.0-130*		*04/10/2023 16:30*	WG2039297

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	U		1.64	4.92	1	04/10/2023 13:39	WG2038635
Residual Range Organics (RRO)	U		4.10	12.3	1	04/10/2023 13:39	WG2038635
(S) o-Terphenyl	*60.3*			*18.0-148*		*04/10/2023 13:39*	WG2038635

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	78.3		1	04/07/2023 16:03	WG2037989

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	1.32	J	0.126	2.55	5	04/10/2023 16:17	WG2038396

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	U		1.37	4.03	25	04/11/2023 15:04	WG2039358
(S) a,a,a-Trifluorotoluene(FID)	*95.8*			*77.0-120*		*04/11/2023 15:04*	WG2039358

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.000761	J	0.000753	0.00161	1	04/10/2023 16:50	WG2039297
Toluene	U		0.00210	0.00806	1	04/10/2023 16:50	WG2039297
Ethylbenzene	U		0.00119	0.00403	1	04/10/2023 16:50	WG2039297
Xylenes, Total	0.00671	J	0.00142	0.0105	1	04/10/2023 16:50	WG2039297
Naphthalene	U		0.00787	0.0202	1	04/10/2023 16:50	WG2039297
(S) Toluene-d8	*106*			*75.0-131*		*04/10/2023 16:50*	WG2039297
(S) 4-Bromofluorobenzene	*108*			*67.0-138*		*04/10/2023 16:50*	WG2039297
(S) 1,2-Dichloroethane-d4	*86.4*			*70.0-130*		*04/10/2023 16:50*	WG2039297

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	U		1.70	5.11	1	04/10/2023 14:55	WG2038635
Residual Range Organics (RRO)	U		4.25	12.8	1	04/10/2023 14:55	WG2038635
(S) o-Terphenyl	*56.6*			*18.0-148*		*04/10/2023 14:55*	WG2038635

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	73.6		1	04/07/2023 16:03	WG2037989

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	5.77		0.135	2.72	5	04/10/2023 16:28	WG2038396

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	U		1.46	4.31	25	04/11/2023 16:12	WG2039358
(S) a,a,a-Trifluorotoluene(FID)	*95.9*			*77.0-120*		*04/11/2023 16:12*	WG2039358

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000806	0.00173	1	04/10/2023 18:43	WG2039286
Toluene	0.00414	J	0.00224	0.00863	1	04/10/2023 18:43	WG2039286
Ethylbenzene	U		0.00127	0.00431	1	04/10/2023 18:43	WG2039286
Total Xylenes	U		0.00152	0.0112	1	04/10/2023 18:43	WG2039286
(S) Toluene-d8	*88.9*			*75.0-131*		*04/10/2023 18:43*	WG2039286
(S) 4-Bromofluorobenzene	*114*			*67.0-138*		*04/10/2023 18:43*	WG2039286
(S) 1,2-Dichloroethane-d4	*98.4*			*70.0-130*		*04/10/2023 18:43*	WG2039286

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	U		1.81	5.44	1	04/10/2023 13:51	WG2038635
Residual Range Organics (RRO)	U		4.53	13.6	1	04/10/2023 13:51	WG2038635
(S) o-Terphenyl	*52.9*			*18.0-148*		*04/10/2023 13:51*	WG2038635

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.2		1	04/07/2023 16:03	WG2037989

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	6.03		0.118	2.38	5	04/10/2023 16:32	WG2038396

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	U		1.18	3.46	25	04/11/2023 16:34	WG2039358
(S) a,a,a-Trifluorotoluene(FID)	*95.8*			*77.0-120*		*04/11/2023 16:34*	WG2039358

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.000855	J	0.000647	0.00139	1	04/10/2023 19:05	WG2039286
Toluene	0.00484	J	0.00180	0.00693	1	04/10/2023 19:05	WG2039286
Ethylbenzene	U		0.00102	0.00346	1	04/10/2023 19:05	WG2039286
Total Xylenes	U		0.00122	0.00901	1	04/10/2023 19:05	WG2039286
(S) Toluene-d8	*89.6*			*75.0-131*		*04/10/2023 19:05*	WG2039286
(S) 4-Bromofluorobenzene	*110*			*67.0-138*		*04/10/2023 19:05*	WG2039286
(S) 1,2-Dichloroethane-d4	*98.1*			*70.0-130*		*04/10/2023 19:05*	WG2039286

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	1.78	J	1.58	4.75	1	04/10/2023 13:26	WG2038635
Residual Range Organics (RRO)	4.19	J	3.96	11.9	1	04/10/2023 13:26	WG2038635
(S) o-Terphenyl	*39.5*			*18.0-148*		*04/10/2023 13:26*	WG2038635

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	79.9		1	04/08/2023 10:40	WG2038080

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	1.72	J	0.124	2.50	5	04/10/2023 16:35	WG2038396

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	U		1.30	3.84	25	04/11/2023 16:56	WG2039358
(S) a,a,a-Trifluorotoluene(FID)	*96.4*			*77.0-120*		*04/11/2023 16:56*	WG2039358

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000717	0.00154	1	04/10/2023 19:26	WG2039286
Toluene	0.00680	J	0.00200	0.00768	1	04/10/2023 19:26	WG2039286
Ethylbenzene	U		0.00113	0.00384	1	04/10/2023 19:26	WG2039286
Total Xylenes	0.00256	J	0.00135	0.00998	1	04/10/2023 19:26	WG2039286
(S) Toluene-d8	*89.9*			*75.0-131*		*04/10/2023 19:26*	WG2039286
(S) 4-Bromofluorobenzene	*115*			*67.0-138*		*04/10/2023 19:26*	WG2039286
(S) 1,2-Dichloroethane-d4	*100*			*70.0-130*		*04/10/2023 19:26*	WG2039286

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	U		1.66	5.01	1	04/10/2023 14:03	WG2038635
Residual Range Organics (RRO)	U		4.17	12.5	1	04/10/2023 14:03	WG2038635
(S) o-Terphenyl	*49.2*			*18.0-148*		*04/10/2023 14:03*	WG2038635

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	83.5		1	04/08/2023 13:00	WG2038095

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	1.55	J	0.119	2.39	5	04/10/2023 16:38	WG2038396

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	U		1.23	3.63	25	04/11/2023 17:19	WG2039358
(S) a,a,a-Trifluorotoluene(FID)	*95.9*			*77.0-120*		*04/11/2023 17:19*	WG2039358

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000677	0.00145	1	04/10/2023 19:47	WG2039286
Toluene	U		0.00189	0.00725	1	04/10/2023 19:47	WG2039286
Ethylbenzene	U		0.00107	0.00363	1	04/10/2023 19:47	WG2039286
Total Xylenes	U		0.00128	0.00943	1	04/10/2023 19:47	WG2039286
(S) Toluene-d8	*89.3*			*75.0-131*		*04/10/2023 19:47*	WG2039286
(S) 4-Bromofluorobenzene	*111*			*67.0-138*		*04/10/2023 19:47*	WG2039286
(S) 1,2-Dichloroethane-d4	*100*			*70.0-130*		*04/10/2023 19:47*	WG2039286

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	U		1.59	4.79	1	04/10/2023 13:39	WG2038635
Residual Range Organics (RRO)	U		3.99	12.0	1	04/10/2023 13:39	WG2038635
(S) o-Terphenyl	*41.4*			*18.0-148*		*04/10/2023 13:39*	WG2038635

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	82.1		1	04/08/2023 13:00	WG2038095

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	3.00		0.121	2.44	5	04/10/2023 16:42	WG2038396

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	U		1.27	3.75	26.3	04/11/2023 15:27	WG2039358
(S) a,a,a-Trifluorotoluene(FID)	*95.6*			*77.0-120*		*04/11/2023 15:27*	WG2039358

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000698	0.00150	1.05	04/10/2023 17:10	WG2039297
Toluene	0.00654	J	0.00194	0.00748	1.05	04/10/2023 17:10	WG2039297
Ethylbenzene	U		0.00110	0.00375	1.05	04/10/2023 17:10	WG2039297
Xylenes, Total	0.0136		0.00132	0.00974	1.05	04/10/2023 17:10	WG2039297
Naphthalene	U		0.00730	0.0187	1.05	04/10/2023 17:10	WG2039297
(S) Toluene-d8	*105*			*75.0-131*		*04/10/2023 17:10*	WG2039297
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*04/10/2023 17:10*	WG2039297
(S) 1,2-Dichloroethane-d4	*88.1*			*70.0-130*		*04/10/2023 17:10*	WG2039297

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	U		1.62	4.87	1	04/10/2023 14:15	WG2038635
Residual Range Organics (RRO)	U		4.05	12.2	1	04/10/2023 14:15	WG2038635
(S) o-Terphenyl	*39.7*			*18.0-148*		*04/10/2023 14:15*	WG2038635

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	73.4		1	04/08/2023 13:00	WG2038095

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	3.07		0.135	2.73	5	04/10/2023 16:45	WG2038396

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	U		1.52	4.49	25	04/11/2023 17:41	WG2039358
(S) a,a,a-Trifluorotoluene(FID)	*95.4*			*77.0-120*		*04/11/2023 17:41*	WG2039358

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000839	0.00180	1	04/10/2023 17:29	WG2039297
Toluene	0.00426	J	0.00234	0.00898	1	04/10/2023 17:29	WG2039297
Ethylbenzene	U		0.00132	0.00449	1	04/10/2023 17:29	WG2039297
Xylenes, Total	0.00404	J	0.00158	0.0117	1	04/10/2023 17:29	WG2039297
Naphthalene	U		0.00877	0.0225	1	04/10/2023 17:29	WG2039297
(S) Toluene-d8	*103*			*75.0-131*		*04/10/2023 17:29*	WG2039297
(S) 4-Bromofluorobenzene	*103*			*67.0-138*		*04/10/2023 17:29*	WG2039297
(S) 1,2-Dichloroethane-d4	*90.3*			*70.0-130*		*04/10/2023 17:29*	WG2039297

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	U		1.81	5.45	1	04/10/2023 13:51	WG2038635
Residual Range Organics (RRO)	U		4.54	13.6	1	04/10/2023 13:51	WG2038635
(S) o-Terphenyl	*47.3*			*18.0-148*		*04/10/2023 13:51*	WG2038635

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.2		1	04/08/2023 13:00	WG2038095

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	2.59		0.118	2.38	5	04/10/2023 16:48	WG2038396

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	U		1.21	3.57	25	04/11/2023 18:04	WG2039358
(S) a,a,a-Trifluorotoluene(FID)	*96.1*			*77.0-120*		*04/11/2023 18:04*	WG2039358

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000668	0.00143	1	04/10/2023 17:49	WG2039297
Toluene	U		0.00186	0.00715	1	04/10/2023 17:49	WG2039297
Ethylbenzene	U		0.00105	0.00357	1	04/10/2023 17:49	WG2039297
Xylenes, Total	0.00355	J	0.00126	0.00929	1	04/10/2023 17:49	WG2039297
Naphthalene	U		0.00698	0.0179	1	04/10/2023 17:49	WG2039297
(S) Toluene-d8	*102*			*75.0-131*		*04/10/2023 17:49*	WG2039297
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*04/10/2023 17:49*	WG2039297
(S) 1,2-Dichloroethane-d4	*90.2*			*70.0-130*		*04/10/2023 17:49*	WG2039297

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	1.62	J	1.58	4.75	1	04/10/2023 14:03	WG2038635
Residual Range Organics (RRO)	U		3.96	11.9	1	04/10/2023 14:03	WG2038635
(S) o-Terphenyl	*49.2*			*18.0-148*		*04/10/2023 14:03*	WG2038635

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	85.8		1	04/08/2023 13:00	WG2038095

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	1.76	J	0.115	2.33	5	04/10/2023 16:52	WG2038396

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	1.18	J	1.16	3.43	25	04/11/2023 18:26	WG2039358
(S) a,a,a-Trifluorotoluene(FID)	*96.3*			*77.0-120*		*04/11/2023 18:26*	WG2039358

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.000722	J	0.000640	0.00137	1	04/10/2023 18:09	WG2039297
Toluene	U		0.00178	0.00685	1	04/10/2023 18:09	WG2039297
Ethylbenzene	0.00167	J	0.00101	0.00343	1	04/10/2023 18:09	WG2039297
Xylenes, Total	0.00439	J	0.00121	0.00891	1	04/10/2023 18:09	WG2039297
Naphthalene	U		0.00669	0.0171	1	04/10/2023 18:09	WG2039297
(S) Toluene-d8	*104*			*75.0-131*		*04/10/2023 18:09*	WG2039297
(S) 4-Bromofluorobenzene	*104*			*67.0-138*		*04/10/2023 18:09*	WG2039297
(S) 1,2-Dichloroethane-d4	*92.0*			*70.0-130*		*04/10/2023 18:09*	WG2039297

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	U		1.55	4.66	1	04/10/2023 14:15	WG2038635
Residual Range Organics (RRO)	U		3.88	11.7	1	04/10/2023 14:15	WG2038635
(S) o-Terphenyl	*61.1*			*18.0-148*		*04/10/2023 14:15*	WG2038635

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	89.6		1	04/08/2023 13:00	WG2038095

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	13.4		0.110	2.23	5	04/10/2023 16:55	WG2038396

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	U		1.05	3.11	25	04/11/2023 15:49	WG2039358
(S) a,a,a-Trifluorotoluene(FID)	*95.7*			*77.0-120*		*04/11/2023 15:49*	WG2039358

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.000708	J	0.000581	0.00124	1	04/10/2023 18:28	WG2039297
Toluene	0.00235	J	0.00162	0.00622	1	04/10/2023 18:28	WG2039297
Ethylbenzene	U		0.000917	0.00311	1	04/10/2023 18:28	WG2039297
Xylenes, Total	0.00546	J	0.00109	0.00808	1	04/10/2023 18:28	WG2039297
Naphthalene	U		0.00607	0.0155	1	04/10/2023 18:28	WG2039297
(S) Toluene-d8	*105*			*75.0-131*		*04/10/2023 18:28*	WG2039297
(S) 4-Bromofluorobenzene	*102*			*67.0-138*		*04/10/2023 18:28*	WG2039297
(S) 1,2-Dichloroethane-d4	*92.4*			*70.0-130*		*04/10/2023 18:28*	WG2039297

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	2.96	J	1.48	4.46	1	04/10/2023 14:28	WG2038635
Residual Range Organics (RRO)	10.0	J	3.72	11.2	1	04/10/2023 14:28	WG2038635
(S) o-Terphenyl	*54.0*			*18.0-148*		*04/10/2023 14:28*	WG2038635

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
PCB 1016	U		0.0132	0.0379	1	04/09/2023 21:36	WG2038271
PCB 1221	U		0.0132	0.0379	1	04/09/2023 21:36	WG2038271
PCB 1232	U		0.0132	0.0379	1	04/09/2023 21:36	WG2038271
PCB 1242	U		0.0132	0.0379	1	04/09/2023 21:36	WG2038271
PCB 1248	U		0.00824	0.0190	1	04/09/2023 21:36	WG2038271
PCB 1254	U		0.00824	0.0190	1	04/09/2023 21:36	WG2038271
PCB 1260	U		0.00824	0.0190	1	04/09/2023 21:36	WG2038271
(S) Decachlorobiphenyl	*63.0*			*10.0-135*		*04/09/2023 21:36*	WG2038271
(S) Tetrachloro-m-xylene	*56.1*			*10.0-139*		*04/09/2023 21:36*	WG2038271

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	79.5		1	04/08/2023 13:00	WG2038095

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	2.53		0.0249	0.503	1	04/10/2023 16:58	WG2038396

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	15.0		1.35	3.99	25	04/11/2023 18:49	WG2039358
(S) a,a,a-Trifluorotoluene(FID)	*96.7*			*77.0-120*		*04/11/2023 18:49*	WG2039358

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000745	0.00160	1	04/10/2023 18:48	WG2039297
Toluene	0.00330	J	0.00207	0.00798	1	04/10/2023 18:48	WG2039297
Ethylbenzene	U		0.00118	0.00399	1	04/10/2023 18:48	WG2039297
Xylenes, Total	0.00843	J	0.00140	0.0104	1	04/10/2023 18:48	WG2039297
Naphthalene	0.0117	J	0.00779	0.0199	1	04/10/2023 18:48	WG2039297
(S) Toluene-d8	*106*			*75.0-131*		*04/10/2023 18:48*	WG2039297
(S) 4-Bromofluorobenzene	*102*			*67.0-138*		*04/10/2023 18:48*	WG2039297
(S) 1,2-Dichloroethane-d4	*92.6*			*70.0-130*		*04/10/2023 18:48*	WG2039297

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	21.3		1.67	5.03	1	04/10/2023 19:16	WG2038646
Residual Range Organics (RRO)	U		4.19	12.6	1	04/10/2023 19:16	WG2038646
(S) o-Terphenyl	*60.0*			*18.0-148*		*04/10/2023 19:16*	WG2038646

Sample Narrative:

L1602920-14 WG2038646: Sample resembles laboratory standard for Diesel.

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
PCB 1016	U		0.0148	0.0428	1	04/09/2023 21:45	WG2038271
PCB 1221	U		0.0148	0.0428	1	04/09/2023 21:45	WG2038271
PCB 1232	U		0.0148	0.0428	1	04/09/2023 21:45	WG2038271
PCB 1242	U		0.0148	0.0428	1	04/09/2023 21:45	WG2038271
PCB 1248	U		0.00928	0.0214	1	04/09/2023 21:45	WG2038271
PCB 1254	U		0.00928	0.0214	1	04/09/2023 21:45	WG2038271
PCB 1260	U		0.00928	0.0214	1	04/09/2023 21:45	WG2038271
(S) Decachlorobiphenyl	*37.7*			*10.0-135*		*04/09/2023 21:45*	WG2038271
(S) Tetrachloro-m-xylene	*38.7*			*10.0-139*		*04/09/2023 21:45*	WG2038271

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	85.3		1	04/08/2023 13:00	WG2038095

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	12.5		0.116	2.35	5	04/10/2023 17:09	WG2038396

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	1900		46.8	138	1000	04/11/2023 19:39	WG2039369
(S) a,a,a-Trifluorotoluene(FID)	*102*			*77.0-120*		*04/11/2023 19:39*	WG2039369

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.0516	0.110	80	04/10/2023 22:04	WG2039297
Toluene	U		0.143	0.552	80	04/10/2023 22:04	WG2039297
Ethylbenzene	0.909		0.0814	0.276	80	04/10/2023 22:04	WG2039297
Xylenes, Total	19.5		0.0971	0.717	80	04/10/2023 22:04	WG2039297
Naphthalene	17.4		0.538	1.38	80	04/10/2023 22:04	WG2039297
(S) Toluene-d8	*105*			*75.0-131*		*04/10/2023 22:04*	WG2039297
(S) 4-Bromofluorobenzene	*114*			*67.0-138*		*04/10/2023 22:04*	WG2039297
(S) 1,2-Dichloroethane-d4	*94.5*			*70.0-130*		*04/10/2023 22:04*	WG2039297

Sample Narrative:

L1602920-15 WG2039297: Non-target compounds too high to run at a lower dilution.

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	440		7.80	23.5	5	04/11/2023 09:48	WG2038646
Residual Range Organics (RRO)	17.1		3.90	11.7	1	04/10/2023 21:08	WG2038646
(S) o-Terphenyl	*93.1*			*18.0-148*		*04/10/2023 21:08*	WG2038646
(S) o-Terphenyl	*97.4*			*18.0-148*		*04/11/2023 09:48*	WG2038646

Sample Narrative:

L1602920-15 WG2038646: Sample resembles laboratory standard for Kerosene.

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
PCB 1016	U		0.0138	0.0399	1	04/09/2023 21:54	WG2038271
PCB 1221	U		0.0138	0.0399	1	04/09/2023 21:54	WG2038271
PCB 1232	U		0.0138	0.0399	1	04/09/2023 21:54	WG2038271
PCB 1242	U		0.0138	0.0399	1	04/09/2023 21:54	WG2038271
PCB 1248	U		0.00865	0.0199	1	04/09/2023 21:54	WG2038271
PCB 1254	U		0.00865	0.0199	1	04/09/2023 21:54	WG2038271
PCB 1260	U		0.00865	0.0199	1	04/09/2023 21:54	WG2038271
(S) Decachlorobiphenyl	*47.9*			*10.0-135*		*04/09/2023 21:54*	WG2038271
(S) Tetrachloro-m-xylene	*34.1*			*10.0-139*		*04/09/2023 21:54*	WG2038271

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.6		1	04/08/2023 13:00	WG2038095

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	2.75		0.117	2.37	5	04/10/2023 17:13	WG2038396

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	9.67	B	1.19	3.51	25	04/11/2023 13:37	WG2039369
(S) a,a,a-Trifluorotoluene(FID)	*98.4*			*77.0-120*		*04/11/2023 13:37*	WG2039369

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.00124	J	0.000656	0.00140	1	04/10/2023 19:08	WG2039297
Toluene	0.0166		0.00183	0.00702	1	04/10/2023 19:08	WG2039297
Ethylbenzene	0.00449		0.00103	0.00351	1	04/10/2023 19:08	WG2039297
Xylenes, Total	0.0434		0.00124	0.00913	1	04/10/2023 19:08	WG2039297
Naphthalene	0.0343		0.00685	0.0175	1	04/10/2023 19:08	WG2039297
(S) Toluene-d8	*104*			*75.0-131*		*04/10/2023 19:08*	WG2039297
(S) 4-Bromofluorobenzene	*105*			*67.0-138*		*04/10/2023 19:08*	WG2039297
(S) 1,2-Dichloroethane-d4	*91.9*			*70.0-130*		*04/10/2023 19:08*	WG2039297

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	6.80		1.57	4.73	1	04/10/2023 19:16	WG2038646
Residual Range Organics (RRO)	U		3.94	11.8	1	04/10/2023 19:16	WG2038646
(S) o-Terphenyl	*56.0*			*18.0-148*		*04/10/2023 19:16*	WG2038646

Sample Narrative:

L1602920-16 WG2038646: Sample does not resemble laboratory standards.

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
PCB 1016	U		0.0140	0.0402	1	04/09/2023 22:03	WG2038271
PCB 1221	U		0.0140	0.0402	1	04/09/2023 22:03	WG2038271
PCB 1232	U		0.0140	0.0402	1	04/09/2023 22:03	WG2038271
PCB 1242	U		0.0140	0.0402	1	04/09/2023 22:03	WG2038271
PCB 1248	U		0.00873	0.0201	1	04/09/2023 22:03	WG2038271
PCB 1254	U		0.00873	0.0201	1	04/09/2023 22:03	WG2038271
PCB 1260	U		0.00873	0.0201	1	04/09/2023 22:03	WG2038271
(S) Decachlorobiphenyl	*62.5*			*10.0-135*		*04/09/2023 22:03*	WG2038271
(S) Tetrachloro-m-xylene	*48.4*			*10.0-139*		*04/09/2023 22:03*	WG2038271

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	81.0		1	04/08/2023 13:00	WG2038095

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	4.16		0.122	2.47	5	04/10/2023 17:16	WG2038396

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	13.6	B	1.29	3.82	25	04/11/2023 14:26	WG2039369
(S) a,a,a-Trifluorotoluene(FID)	*102*			*77.0-120*		*04/11/2023 14:26*	WG2039369

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.00131	J	0.000713	0.00153	1	04/10/2023 19:27	WG2039297
Toluene	0.00962		0.00199	0.00763	1	04/10/2023 19:27	WG2039297
Ethylbenzene	0.00113	J	0.00113	0.00382	1	04/10/2023 19:27	WG2039297
Xylenes, Total	0.0109		0.00134	0.00993	1	04/10/2023 19:27	WG2039297
Naphthalene	0.0107	J	0.00745	0.0191	1	04/10/2023 19:27	WG2039297
(S) Toluene-d8	*104*			*75.0-131*		*04/10/2023 19:27*	WG2039297
(S) 4-Bromofluorobenzene	*97.1*			*67.0-138*		*04/10/2023 19:27*	WG2039297
(S) 1,2-Dichloroethane-d4	*89.6*			*70.0-130*		*04/10/2023 19:27*	WG2039297

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	16.8		1.64	4.94	1	04/10/2023 19:28	WG2038646
Residual Range Organics (RRO)	U		4.11	12.3	1	04/10/2023 19:28	WG2038646
(S) o-Terphenyl	*63.4*			*18.0-148*		*04/10/2023 19:28*	WG2038646

Sample Narrative:

L1602920-17 WG2038646: Sample resembles laboratory standard for Diesel.

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
PCB 1016	U		0.0146	0.0420	1	04/09/2023 22:12	WG2038271
PCB 1221	U		0.0146	0.0420	1	04/09/2023 22:12	WG2038271
PCB 1232	U		0.0146	0.0420	1	04/09/2023 22:12	WG2038271
PCB 1242	U		0.0146	0.0420	1	04/09/2023 22:12	WG2038271
PCB 1248	U		0.00911	0.0210	1	04/09/2023 22:12	WG2038271
PCB 1254	U		0.00911	0.0210	1	04/09/2023 22:12	WG2038271
PCB 1260	U		0.00911	0.0210	1	04/09/2023 22:12	WG2038271
(S) Decachlorobiphenyl	*48.8*			*10.0-135*		*04/09/2023 22:12*	WG2038271
(S) Tetrachloro-m-xylene	*38.7*			*10.0-139*		*04/09/2023 22:12*	WG2038271

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	93.4		1	04/08/2023 12:32	WG2038097

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	1.59	J	0.106	2.14	5	04/10/2023 17:19	WG2038396

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	1.18	B J	0.977	2.88	25	04/11/2023 14:50	WG2039369
(S) a,a,a-Trifluorotoluene(FID)	*103*			*77.0-120*		*04/11/2023 14:50*	WG2039369

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000538	0.00115	1	04/10/2023 19:47	WG2039297
Toluene	U		0.00150	0.00576	1	04/10/2023 19:47	WG2039297
Ethylbenzene	U		0.000850	0.00288	1	04/10/2023 19:47	WG2039297
Xylenes, Total	U		0.00101	0.00749	1	04/10/2023 19:47	WG2039297
Naphthalene	U		0.00563	0.0144	1	04/10/2023 19:47	WG2039297
(S) Toluene-d8	*100*			*75.0-131*		*04/10/2023 19:47*	WG2039297
(S) 4-Bromofluorobenzene	*99.6*			*67.0-138*		*04/10/2023 19:47*	WG2039297
(S) 1,2-Dichloroethane-d4	*90.9*			*70.0-130*		*04/10/2023 19:47*	WG2039297

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	U		1.42	4.28	1	04/10/2023 20:55	WG2038646
Residual Range Organics (RRO)	U		3.57	10.7	1	04/10/2023 20:55	WG2038646
(S) o-Terphenyl	*61.9*			*18.0-148*		*04/10/2023 20:55*	WG2038646

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	82.8		1	04/08/2023 12:32	WG2038097

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	2.74		0.120	2.42	5	04/10/2023 17:23	WG2038396

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	2.10	B J	1.22	3.60	25	04/11/2023 15:15	WG2039369
(S) a,a,a-Trifluorotoluene(FID)	*104*			*77.0-120*		*04/11/2023 15:15*	WG2039369

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000672	0.00144	1	04/10/2023 20:06	WG2039297
Toluene	0.00230	J	0.00187	0.00719	1	04/10/2023 20:06	WG2039297
Ethylbenzene	0.0150		0.00106	0.00360	1	04/10/2023 20:06	WG2039297
Xylenes, Total	0.0270		0.00127	0.00935	1	04/10/2023 20:06	WG2039297
Naphthalene	0.0122	J	0.00702	0.0180	1	04/10/2023 20:06	WG2039297
(S) Toluene-d8	*103*			*75.0-131*		*04/10/2023 20:06*	WG2039297
(S) 4-Bromofluorobenzene	*103*			*67.0-138*		*04/10/2023 20:06*	WG2039297
(S) 1,2-Dichloroethane-d4	*89.8*			*70.0-130*		*04/10/2023 20:06*	WG2039297

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	3.70	J	1.61	4.83	1	04/10/2023 19:28	WG2038646
Residual Range Organics (RRO)	U		4.02	12.1	1	04/10/2023 19:28	WG2038646
(S) o-Terphenyl	*43.1*			*18.0-148*		*04/10/2023 19:28*	WG2038646

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	83.1		1	04/08/2023 12:32	WG2038097

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	3.05		0.119	2.41	5	04/10/2023 17:26	WG2038396

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	85.3	B	25.0	73.9	500	04/11/2023 20:06	WG2039369
(S) a,a,a-Trifluorotoluene(FID)	*101*			*77.0-120*		*04/11/2023 20:06*	WG2039369

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.00553	0.0118	8	04/11/2023 21:18	WG2039852
Toluene	U		0.0154	0.0591	8	04/11/2023 21:18	WG2039852
Ethylbenzene	U		0.00872	0.0296	8	04/11/2023 21:18	WG2039852
Xylenes, Total	0.0254	J	0.0104	0.0769	8	04/11/2023 21:18	WG2039852
Naphthalene	U	C3	0.0576	0.148	8	04/11/2023 21:18	WG2039852
(S) Toluene-d8	*87.6*			*75.0-131*		*04/11/2023 21:18*	WG2039852
(S) 4-Bromofluorobenzene	*119*			*67.0-138*		*04/11/2023 21:18*	WG2039852
(S) 1,2-Dichloroethane-d4	*115*			*70.0-130*		*04/11/2023 21:18*	WG2039852

Sample Narrative:

L1602920-20 WG2039852: Non-target compounds too high to run at a lower dilution.

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	247		1.60	4.81	1	04/10/2023 19:41	WG2038646
Residual Range Organics (RRO)	5.84	J	4.01	12.0	1	04/10/2023 19:41	WG2038646
(S) o-Terphenyl	*78.0*			*18.0-148*		*04/10/2023 19:41*	WG2038646

Sample Narrative:

L1602920-20 WG2038646: Sample resembles laboratory standard for Diesel.

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	83.9		1	04/08/2023 12:32	WG2038097

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	2.12	J	0.118	2.39	5	04/10/2023 18:17	WG2038401

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	46.6	B	12.2	36.0	250	04/11/2023 20:30	WG2039369
(S) a,a,a-Trifluorotoluene(FID)	*103*			*77.0-120*		*04/11/2023 20:30*	WG2039369

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.0135	0.0288	20	04/11/2023 04:51	WG2039362
Toluene	U		0.0375	0.144	20	04/11/2023 04:51	WG2039362
Ethylbenzene	U		0.0212	0.0721	20	04/11/2023 04:51	WG2039362
Xylenes, Total	U		0.0254	0.187	20	04/11/2023 04:51	WG2039362
Naphthalene	U		0.141	0.360	20	04/11/2023 04:51	WG2039362
(S) Toluene-d8	*102*			*75.0-131*		*04/11/2023 04:51*	WG2039362
(S) 4-Bromofluorobenzene	*97.8*			*67.0-138*		*04/11/2023 04:51*	WG2039362
(S) 1,2-Dichloroethane-d4	*94.2*			*70.0-130*		*04/11/2023 04:51*	WG2039362

Sample Narrative:

L1602920-21 WG2039362: Non-target compounds too high to run at a lower dilution.

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	333		1.59	4.77	1	04/10/2023 19:41	WG2038646
Residual Range Organics (RRO)	7.68	J	3.97	11.9	1	04/10/2023 19:41	WG2038646
(S) o-Terphenyl	*64.2*			*18.0-148*		*04/10/2023 19:41*	WG2038646

Sample Narrative:

L1602920-21 WG2038646: Sample resembles laboratory standard for Diesel.

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	90.0		1	04/08/2023 12:32	WG2038097

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	2.37		0.110	2.22	5	04/10/2023 18:21	WG2038401

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	57.1	B	10.6	31.1	250	04/11/2023 20:54	WG2039369
(S) a,a,a-Trifluorotoluene(FID)	*103*			*77.0-120*		*04/11/2023 20:54*	WG2039369

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.0116	0.0249	20	04/11/2023 05:10	WG2039362
Toluene	U		0.0323	0.124	20	04/11/2023 05:10	WG2039362
Ethylbenzene	U		0.0183	0.0622	20	04/11/2023 05:10	WG2039362
Xylenes, Total	0.0356	J	0.0219	0.162	20	04/11/2023 05:10	WG2039362
Naphthalene	0.151	J	0.121	0.311	20	04/11/2023 05:10	WG2039362
(S) Toluene-d8	*104*			*75.0-131*		*04/11/2023 05:10*	WG2039362
(S) 4-Bromofluorobenzene	*98.8*			*67.0-138*		*04/11/2023 05:10*	WG2039362
(S) 1,2-Dichloroethane-d4	*95.6*			*70.0-130*		*04/11/2023 05:10*	WG2039362

Sample Narrative:

L1602920-22 WG2039362: Non-target compounds too high to run at a lower dilution.

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	612		7.39	22.2	5	04/11/2023 10:01	WG2038646
Residual Range Organics (RRO)	15.7		3.70	11.1	1	04/10/2023 20:43	WG2038646
(S) o-Terphenyl	*44.7*			*18.0-148*		*04/10/2023 20:43*	WG2038646
(S) o-Terphenyl	*96.0*			*18.0-148*		*04/11/2023 10:01*	WG2038646

Sample Narrative:

L1602920-22 WG2038646: Sample resembles laboratory standard for Diesel.

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	92.9		1	04/08/2023 12:32	WG2038097

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	1.32	J	0.107	2.15	5	04/10/2023 18:24	WG2038401

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	1.12	B J	0.979	2.89	25	04/11/2023 15:39	WG2039369
(S) a,a,a-Trifluorotoluene(FID)	*103*			*77.0-120*		*04/11/2023 15:39*	WG2039369

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000539	0.00115	1	04/11/2023 01:42	WG2039362
Toluene	0.00466	J	0.00150	0.00577	1	04/11/2023 01:42	WG2039362
Ethylbenzene	U		0.000851	0.00289	1	04/11/2023 01:42	WG2039362
Xylenes, Total	0.00164	J	0.00102	0.00750	1	04/11/2023 01:42	WG2039362
Naphthalene	U		0.00563	0.0144	1	04/11/2023 01:42	WG2039362
(S) Toluene-d8	*105*			*75.0-131*		*04/11/2023 01:42*	WG2039362
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*04/11/2023 01:42*	WG2039362
(S) 1,2-Dichloroethane-d4	*92.0*			*70.0-130*		*04/11/2023 01:42*	WG2039362

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	3.05	J	1.43	4.31	1	04/10/2023 20:55	WG2038646
Residual Range Organics (RRO)	4.39	J	3.58	10.8	1	04/10/2023 20:55	WG2038646
(S) o-Terphenyl	*61.0*			*18.0-148*		*04/10/2023 20:55*	WG2038646

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	88.5		1	04/08/2023 12:32	WG2038097

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	2.51		0.112	2.26	5	04/10/2023 18:39	WG2038401

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	U		1.10	3.25	25	04/11/2023 16:04	WG2039369
(S) a,a,a-Trifluorotoluene(FID)	*103*			*77.0-120*		*04/11/2023 16:04*	WG2039369

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000607	0.00130	1	04/11/2023 02:01	WG2039362
Toluene	0.00304	J	0.00169	0.00650	1	04/11/2023 02:01	WG2039362
Ethylbenzene	U		0.000958	0.00325	1	04/11/2023 02:01	WG2039362
Xylenes, Total	0.00153	J	0.00114	0.00845	1	04/11/2023 02:01	WG2039362
Naphthalene	U		0.00634	0.0162	1	04/11/2023 02:01	WG2039362
(S) Toluene-d8	*104*			*75.0-131*		*04/11/2023 02:01*	WG2039362
(S) 4-Bromofluorobenzene	*102*			*67.0-138*		*04/11/2023 02:01*	WG2039362
(S) 1,2-Dichloroethane-d4	*92.5*			*70.0-130*		*04/11/2023 02:01*	WG2039362

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	U		1.50	4.52	1	04/10/2023 20:30	WG2038646
Residual Range Organics (RRO)	U		3.76	11.3	1	04/10/2023 20:30	WG2038646
(S) o-Terphenyl	*46.7*			*18.0-148*		*04/10/2023 20:30*	WG2038646

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	77.8		1	04/08/2023 12:32	WG2038097

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	4.14		0.127	2.57	5	04/10/2023 18:43	WG2038401

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	5.43		1.38	4.06	25	04/13/2023 04:25	WG2040715
(S) a,a,a-Trifluorotoluene(FID)	*98.3*			*77.0-120*		*04/13/2023 04:25*	WG2040715

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.0111		0.000759	0.00163	1	04/11/2023 20:57	WG2039852
Toluene	0.353		0.00211	0.00813	1	04/11/2023 20:57	WG2039852
Ethylbenzene	0.140		0.00120	0.00406	1	04/11/2023 20:57	WG2039852
Xylenes, Total	0.702		0.00143	0.0106	1	04/11/2023 20:57	WG2039852
Naphthalene	U	C3	0.00793	0.0203	1	04/11/2023 20:57	WG2039852
(S) Toluene-d8	*93.3*			*75.0-131*		*04/11/2023 20:57*	WG2039852
(S) 4-Bromofluorobenzene	*107*			*67.0-138*		*04/11/2023 20:57*	WG2039852
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*04/11/2023 20:57*	WG2039852

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	1.80	J	1.71	5.14	1	04/10/2023 20:06	WG2038646
Residual Range Organics (RRO)	U		4.28	12.9	1	04/10/2023 20:06	WG2038646
(S) o-Terphenyl	*45.7*			*18.0-148*		*04/10/2023 20:06*	WG2038646

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	77.2		1	04/08/2023 12:32	WG2038097

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	7.82		0.128	2.59	5	04/10/2023 18:46	WG2038401

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	1.94	B J	1.58	4.66	30.3	04/11/2023 16:28	WG2039369
(S) a,a,a-Trifluorotoluene(FID)	*103*			*77.0-120*		*04/11/2023 16:28*	WG2039369

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000869	0.00186	1.21	04/11/2023 02:20	WG2039362
Toluene	0.00260	J	0.00241	0.00931	1.21	04/11/2023 02:20	WG2039362
Ethylbenzene	U		0.00137	0.00466	1.21	04/11/2023 02:20	WG2039362
Xylenes, Total	0.00246	J	0.00163	0.0121	1.21	04/11/2023 02:20	WG2039362
Naphthalene	U		0.00907	0.0232	1.21	04/11/2023 02:20	WG2039362
(S) Toluene-d8	*104*			*75.0-131*		*04/11/2023 02:20*	WG2039362
(S) 4-Bromofluorobenzene	*102*			*67.0-138*		*04/11/2023 02:20*	WG2039362
(S) 1,2-Dichloroethane-d4	*91.1*			*70.0-130*		*04/11/2023 02:20*	WG2039362

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	1.81	J	1.72	5.18	1	04/12/2023 12:30	WG2040184
Residual Range Organics (RRO)	U		4.31	12.9	1	04/12/2023 12:30	WG2040184
(S) o-Terphenyl	*32.3*			*18.0-148*		*04/12/2023 12:30*	WG2040184

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	78.9		1	04/08/2023 12:32	WG2038097

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	6.91		0.125	2.53	5	04/10/2023 18:49	WG2038401

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	2.21	B J	1.39	4.09	27	04/11/2023 17:04	WG2039369
(S) a,a,a-Trifluorotoluene(FID)	*102*			*77.0-120*		*04/11/2023 17:04*	WG2039369

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000764	0.00164	1.08	04/11/2023 02:39	WG2039362
Toluene	0.00294	J	0.00212	0.00818	1.08	04/11/2023 02:39	WG2039362
Ethylbenzene	U		0.00121	0.00409	1.08	04/11/2023 02:39	WG2039362
Xylenes, Total	U		0.00144	0.0106	1.08	04/11/2023 02:39	WG2039362
Naphthalene	U		0.00798	0.0205	1.08	04/11/2023 02:39	WG2039362
(S) Toluene-d8	*102*			*75.0-131*		*04/11/2023 02:39*	WG2039362
(S) 4-Bromofluorobenzene	*104*			*67.0-138*		*04/11/2023 02:39*	WG2039362
(S) 1,2-Dichloroethane-d4	*95.6*			*70.0-130*		*04/11/2023 02:39*	WG2039362

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	2.36	J	1.69	5.07	1	04/10/2023 20:30	WG2038646
Residual Range Organics (RRO)	4.47	J	4.22	12.7	1	04/10/2023 20:30	WG2038646
(S) o-Terphenyl	*41.2*			*18.0-148*		*04/10/2023 20:30*	WG2038646

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	78.9		1	04/08/2023 12:11	WG2038099

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	1.48	J	0.125	2.53	5	04/10/2023 18:53	WG2038401

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	1.60	B J	1.34	3.96	25	04/11/2023 17:32	WG2039369
(S) a,a,a-Trifluorotoluene(FID)	*102*			*77.0-120*		*04/11/2023 17:32*	WG2039369

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000739	0.00158	1	04/11/2023 02:58	WG2039362
Toluene	0.00658	J	0.00206	0.00791	1	04/11/2023 02:58	WG2039362
Ethylbenzene	U		0.00117	0.00396	1	04/11/2023 02:58	WG2039362
Xylenes, Total	0.00252	J	0.00139	0.0103	1	04/11/2023 02:58	WG2039362
Naphthalene	U		0.00772	0.0198	1	04/11/2023 02:58	WG2039362
(S) Toluene-d8	*103*			*75.0-131*		*04/11/2023 02:58*	WG2039362
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*04/11/2023 02:58*	WG2039362
(S) 1,2-Dichloroethane-d4	*92.9*			*70.0-130*		*04/11/2023 02:58*	WG2039362

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	U		1.69	5.07	1	04/10/2023 19:53	WG2038646
Residual Range Organics (RRO)	U		4.22	12.7	1	04/10/2023 19:53	WG2038646
(S) o-Terphenyl	*72.2*			*18.0-148*		*04/10/2023 19:53*	WG2038646

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	69.6		1	04/08/2023 12:11	WG2038099

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	4.98		0.142	2.87	5	04/10/2023 18:56	WG2038401

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	2.08	B J	1.67	4.91	25	04/11/2023 18:02	WG2039369
(S) a,a,a-Trifluorotoluene(FID)	*101*			*77.0-120*		*04/11/2023 18:02*	WG2039369

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000917	0.00196	1	04/11/2023 03:16	WG2039362
Toluene	0.00576	J	0.00255	0.00982	1	04/11/2023 03:16	WG2039362
Ethylbenzene	U		0.00145	0.00491	1	04/11/2023 03:16	WG2039362
Xylenes, Total	U		0.00173	0.0128	1	04/11/2023 03:16	WG2039362
Naphthalene	U		0.00959	0.0246	1	04/11/2023 03:16	WG2039362
(S) Toluene-d8	*104*			*75.0-131*		*04/11/2023 03:16*	WG2039362
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*04/11/2023 03:16*	WG2039362
(S) 1,2-Dichloroethane-d4	*91.3*			*70.0-130*		*04/11/2023 03:16*	WG2039362

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	U		1.91	5.75	1	04/10/2023 19:53	WG2038646
Residual Range Organics (RRO)	U		4.78	14.4	1	04/10/2023 19:53	WG2038646
(S) o-Terphenyl	*40.8*			*18.0-148*		*04/10/2023 19:53*	WG2038646

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	80.0		1	04/08/2023 12:11	WG2038099

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	4.20		0.124	2.50	5	04/10/2023 18:59	WG2038401

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	1.93	B J	1.28	3.79	25.3	04/11/2023 18:26	WG2039369
(S) a,a,a-Trifluorotoluene(FID)	*102*			*77.0-120*		*04/11/2023 18:26*	WG2039369

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000707	0.00151	1.01	04/11/2023 03:36	WG2039362
Toluene	0.00734	J	0.00196	0.00756	1.01	04/11/2023 03:36	WG2039362
Ethylbenzene	0.00159	J	0.00111	0.00379	1.01	04/11/2023 03:36	WG2039362
Xylenes, Total	0.00844	J	0.00133	0.00982	1.01	04/11/2023 03:36	WG2039362
Naphthalene	U		0.00738	0.0189	1.01	04/11/2023 03:36	WG2039362
(S) Toluene-d8	*103*			*75.0-131*		*04/11/2023 03:36*	WG2039362
(S) 4-Bromofluorobenzene	*103*			*67.0-138*		*04/11/2023 03:36*	WG2039362
(S) 1,2-Dichloroethane-d4	*94.5*			*70.0-130*		*04/11/2023 03:36*	WG2039362

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	2.10	J	1.66	5.00	1	04/10/2023 20:43	WG2038646
Residual Range Organics (RRO)	5.11	J	4.16	12.5	1	04/10/2023 20:43	WG2038646
(S) o-Terphenyl	*66.8*			*18.0-148*		*04/10/2023 20:43*	WG2038646

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.2		1	04/08/2023 12:11	WG2038099

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	1.64	J	0.118	2.37	5	04/10/2023 19:02	WG2038401

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	1.91	B J	1.19	3.51	25	04/11/2023 18:51	WG2039369
(S) a,a,a-Trifluorotoluene(FID)	*101*			*77.0-120*		*04/11/2023 18:51*	WG2039369

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000657	0.00141	1	04/11/2023 03:54	WG2039362
Toluene	0.00425	J	0.00183	0.00703	1	04/11/2023 03:54	WG2039362
Ethylbenzene	U		0.00104	0.00351	1	04/11/2023 03:54	WG2039362
Xylenes, Total	0.00138	J	0.00124	0.00914	1	04/11/2023 03:54	WG2039362
Naphthalene	U		0.00686	0.0176	1	04/11/2023 03:54	WG2039362
(S) Toluene-d8	*104*			*75.0-131*		*04/11/2023 03:54*	WG2039362
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*04/11/2023 03:54*	WG2039362
(S) 1,2-Dichloroethane-d4	*92.6*			*70.0-130*		*04/11/2023 03:54*	WG2039362

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	U		1.58	4.75	1	04/10/2023 20:18	WG2038646
Residual Range Organics (RRO)	U		3.95	11.9	1	04/10/2023 20:18	WG2038646
(S) o-Terphenyl	*45.9*			*18.0-148*		*04/10/2023 20:18*	WG2038646

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	81.9		1	04/08/2023 12:11	WG2038099

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	1.25	J	0.121	2.44	5	04/10/2023 18:01	WG2038401

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	2.52	B J	1.26	3.71	25	04/11/2023 19:15	WG2039369
(S) a,a,a-Trifluorotoluene(FID)	*103*			*77.0-120*		*04/11/2023 19:15*	WG2039369

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000693	0.00148	1	04/11/2023 04:13	WG2039362
Toluene	U		0.00193	0.00742	1	04/11/2023 04:13	WG2039362
Ethylbenzene	U		0.00109	0.00371	1	04/11/2023 04:13	WG2039362
Xylenes, Total	0.00156	J	0.00131	0.00965	1	04/11/2023 04:13	WG2039362
Naphthalene	U		0.00725	0.0186	1	04/11/2023 04:13	WG2039362
(S) Toluene-d8	*104*			*75.0-131*		*04/11/2023 04:13*	WG2039362
(S) 4-Bromofluorobenzene	*97.6*			*67.0-138*		*04/11/2023 04:13*	WG2039362
(S) 1,2-Dichloroethane-d4	*91.5*			*70.0-130*		*04/11/2023 04:13*	WG2039362

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	U		1.62	4.88	1	04/10/2023 20:18	WG2038646
Residual Range Organics (RRO)	U		4.07	12.2	1	04/10/2023 20:18	WG2038646
(S) o-Terphenyl	*66.6*			*18.0-148*		*04/10/2023 20:18*	WG2038646

Method Blank (MB)

(MB) R3910883-1 04/07/23 16:03

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00200			

L1603006-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1603006-05 04/07/23 16:03 • (DUP) R3910883-3 04/07/23 16:03

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	85.9	86.0	1	0.131		10

Laboratory Control Sample (LCS)

(LCS) R3910883-2 04/07/23 16:03

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3911183-1 04/08/23 10:40

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00200			

L1602095-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1602095-09 04/08/23 10:40 • (DUP) R3911183-3 04/08/23 10:40

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	77.2	77.8	1	0.785		10

Laboratory Control Sample (LCS)

(LCS) R3911183-2 04/08/23 10:40

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3911214-1 04/08/23 13:00

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00300			

L1602920-12 Original Sample (OS) • Duplicate (DUP)

(OS) L1602920-12 04/08/23 13:00 • (DUP) R3911214-3 04/08/23 13:00

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	85.8	81.6	1	5.03		10

Laboratory Control Sample (LCS)

(LCS) R3911214-2 04/08/23 13:00

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3911203-1 04/08/23 12:32

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00100			

L1602920-22 Original Sample (OS) • Duplicate (DUP)

(OS) L1602920-22 04/08/23 12:32 • (DUP) R3911203-3 04/08/23 12:32

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	90.0	85.3	1	5.40		10

Laboratory Control Sample (LCS)

(LCS) R3911203-2 04/08/23 12:32

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3911201-1 04/08/23 12:11

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00100			

L1602920-32 Original Sample (OS) • Duplicate (DUP)

(OS) L1602920-32 04/08/23 12:11 • (DUP) R3911201-3 04/08/23 12:11

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	81.9	81.8	1	0.123		10

Laboratory Control Sample (LCS)

(LCS) R3911201-2 04/08/23 12:11

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3911482-1 04/10/23 15:48

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Lead	U		0.0990	2.00

Laboratory Control Sample (LCS)

(LCS) R3911482-2 04/10/23 15:51

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Lead	100	98.8	98.8	80.0-120	

L1602920-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1602920-02 04/10/23 15:54 • (MS) R3911482-5 04/10/23 16:04 • (MSD) R3911482-6 04/10/23 16:07

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Lead	119	2.43	98.3	108	80.8	88.8	5	75.0-125			9.23	20

Method Blank (MB)

(MB) R3911509-1 04/10/23 17:54

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Lead	U		0.0990	2.00

Laboratory Control Sample (LCS)

(LCS) R3911509-2 04/10/23 17:58

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Lead	100	87.5	87.5	80.0-120	

L1602920-32 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1602920-32 04/10/23 18:01 • (MS) R3911509-5 04/10/23 18:11 • (MSD) R3911509-6 04/10/23 18:14

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Lead	122	1.25	106	100	85.5	81.1	5	75.0-125			5.27	20

Method Blank (MB)

(MB) R3912208-2 04/11/23 12:11

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPHG C6 - C12	U		0.848	2.50
(S) a,a,a-Trifluorotoluene(FID)	*96.1*			*77.0-120*

Laboratory Control Sample (LCS)

(LCS) R3912208-1 04/11/23 10:51

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPHG C6 - C12	5.50	4.47	81.3	71.0-124	
(S) a,a,a-Trifluorotoluene(FID)			*100*	*77.0-120*	

L1602920-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1602920-03 04/11/23 14:42 • (MS) R3912208-3 04/11/23 21:27 • (MSD) R3912208-4 04/11/23 21:49

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Gasoline Range Organics-NWTPH	180	1.65	149	219	82.0	121	25	50.0-150		J3	37.9	27
(S) a,a,a-Trifluorotoluene(FID)					*107*	*116*		*77.0-120*				

Method Blank (MB)

(MB) R3912408-2 04/11/23 13:13

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Gasoline Range Organics-NWTPH	1.69	J	0.848	2.50
(S) a,a,a-Trifluorotoluene(FID)	*103*			*77.0-120*

Laboratory Control Sample (LCS)

(LCS) R3912408-1 04/11/23 12:12

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Gasoline Range Organics-NWTPH	5.50	6.35	115	71.0-124	
(S) a,a,a-Trifluorotoluene(FID)			*105*	*77.0-120*	

L1602920-16 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1602920-16 04/11/23 13:37 • (MS) R3912408-3 04/11/23 21:43 • (MSD) R3912408-4 04/11/23 22:07

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Gasoline Range Organics-NWTPH	159	9.67	175	161	105	95.7	25	50.0-150			8.33	27
(S) a,a,a-Trifluorotoluene(FID)					*106*	*105*		*77.0-120*				

Method Blank (MB)

(MB) R3912577-2 04/12/23 12:18

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPHG C6 - C12	1.05	J	0.848	2.50
(S) a,a,a-Trifluorotoluene(FID)	*99.7*			*77.0-120*

Laboratory Control Sample (LCS)

(LCS) R3912577-1 04/12/23 11:21

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPHG C6 - C12	5.50	5.87	107	71.0-124	
(S) a,a,a-Trifluorotoluene(FID)			*108*	*77.0-120*	

Method Blank (MB)

(MB) R3912856-2 04/12/23 20:24

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Gasoline Range Organics-NWTPH	U		0.848	2.50
(S) a,a,a-Trifluorotoluene(FID)	*96.9*			*77.0-120*

Laboratory Control Sample (LCS)

(LCS) R3912856-1 04/12/23 18:57

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Gasoline Range Organics-NWTPH	5.50	4.45	80.9	71.0-124	
(S) a,a,a-Trifluorotoluene(FID)			*106*	*77.0-120*	

Method Blank (MB)

(MB) R3911907-3 04/10/23 11:59

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000467	0.00100
Toluene	U		0.00130	0.00500
Ethylbenzene	U		0.000737	0.00250
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	*87.9*			*75.0-131*
(S) 4-Bromofluorobenzene	*112*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*97.9*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3911907-1 04/10/23 09:45 • (LCSD) R3911907-2 04/10/23 10:07

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.125	0.120	0.126	96.0	101	70.0-123			4.88	20
Toluene	0.125	0.109	0.122	87.2	97.6	75.0-121			11.3	20
Ethylbenzene	0.125	0.123	0.135	98.4	108	74.0-126			9.30	20
Xylenes, Total	0.375	0.366	0.407	97.6	109	72.0-127			10.6	20
(S) Toluene-d8				*82.6*	*86.9*	*75.0-131*				
(S) 4-Bromofluorobenzene				*117*	*116*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*115*	*114*	*70.0-130*				

L1600536-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1600536-01 04/10/23 15:50 • (MS) R3911907-4 04/10/23 20:34 • (MSD) R3911907-5 04/10/23 20:56

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Benzene	0.199	U	0.195	0.185	97.6	92.8	1	10.0-149			5.04	37
Toluene	0.199	U	0.204	0.193	102	96.8	1	10.0-156			5.62	38
Ethylbenzene	0.199	U	0.201	0.199	101	100	1	10.0-160			0.797	38
Xylenes, Total	0.598	U	0.576	0.565	96.3	94.4	1	10.0-160			1.96	38
(S) Toluene-d8					*88.8*	*87.1*		*75.0-131*				
(S) 4-Bromofluorobenzene					*105*	*109*		*67.0-138*				
(S) 1,2-Dichloroethane-d4					*102*	*101*		*70.0-130*				

Method Blank (MB)

(MB) R3911794-2 04/10/23 14:48

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000467	0.00100
Toluene	U		0.00130	0.00500
Ethylbenzene	U		0.000737	0.00250
Xylenes, Total	U		0.000880	0.00650
Naphthalene	U		0.00488	0.0125
(S) Toluene-d8	*106*			*75.0-131*
(S) 4-Bromofluorobenzene	*105*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*86.7*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3911794-1 04/10/23 13:49

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.125	0.148	118	70.0-123	
Toluene	0.125	0.142	114	75.0-121	
Ethylbenzene	0.125	0.147	118	74.0-126	
Xylenes, Total	0.375	0.381	102	72.0-127	
Naphthalene	0.125	0.111	88.8	59.0-130	
(S) Toluene-d8			*101*	*75.0-131*	
(S) 4-Bromofluorobenzene			*107*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*97.2*	*70.0-130*	

L1602920-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1602920-02 04/10/23 16:11 • (MS) R3911794-3 04/10/23 22:23 • (MSD) R3911794-4 04/10/23 22:43

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Benzene	0.171	U	0.184	0.226	108	132	1	10.0-149			20.1	37
Toluene	0.171	0.00361	0.189	0.215	108	124	1	10.0-156			13.0	38
Ethylbenzene	0.171	U	0.189	0.216	110	127	1	10.0-160			13.6	38
Xylenes, Total	0.512	0.00679	0.494	0.546	95.2	105	1	10.0-160			10.1	38
Naphthalene	0.171	U	0.117	0.128	68.3	74.8	1	10.0-160			9.13	36
(S) Toluene-d8					*102*	*101*		*75.0-131*				
(S) 4-Bromofluorobenzene					*103*	*104*		*67.0-138*				
(S) 1,2-Dichloroethane-d4					*91.0*	*93.1*		*70.0-130*				

Method Blank (MB)

(MB) R3911804-3 04/10/23 20:47

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000467	0.00100
Toluene	U		0.00130	0.00500
Ethylbenzene	U		0.000737	0.00250
Xylenes, Total	U		0.000880	0.00650
Naphthalene	U		0.00488	0.0125
(S) Toluene-d8	*104*			*75.0-131*
(S) 4-Bromofluorobenzene	*104*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*92.5*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3911804-1 04/10/23 19:12 • (LCSD) R3911804-2 04/10/23 19:31

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.125	0.113	0.108	90.4	86.4	70.0-123			4.52	20
Toluene	0.125	0.111	0.110	88.8	88.0	75.0-121			0.905	20
Ethylbenzene	0.125	0.117	0.117	93.6	93.6	74.0-126			0.000	20
Xylenes, Total	0.375	0.353	0.347	94.1	92.5	72.0-127			1.71	20
Naphthalene	0.125	0.144	0.151	115	121	59.0-130			4.75	20
(S) Toluene-d8				*102*	*103*	*75.0-131*				
(S) 4-Bromofluorobenzene				*103*	*105*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*93.9*	*95.6*	*70.0-130*				

L1602920-23 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1602920-23 04/11/23 01:42 • (MS) R3911804-4 04/11/23 05:47 • (MSD) R3911804-5 04/11/23 06:06

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Benzene	0.142	U	0.120	0.133	84.6	93.5	1	10.0-149			10.0	37
Toluene	0.142	0.00466	0.125	0.134	84.5	91.0	1	10.0-156			7.14	38
Ethylbenzene	0.142	U	0.126	0.139	88.6	97.6	1	10.0-160			9.61	38
Xylenes, Total	0.425	0.00164	0.358	0.398	83.9	93.4	1	10.0-160			10.7	38
Naphthalene	0.142	U	0.144	0.151	102	107	1	10.0-160			4.69	36
(S) Toluene-d8					*103*	*100*		*75.0-131*				
(S) 4-Bromofluorobenzene					*100*	*101*		*67.0-138*				
(S) 1,2-Dichloroethane-d4					*93.1*	*94.6*		*70.0-130*				

Method Blank (MB)

(MB) R3912475-3 04/11/23 20:22

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000467	0.00100
Toluene	U		0.00130	0.00500
Ethylbenzene	U		0.000737	0.00250
Xylenes, Total	U		0.000880	0.00650
Naphthalene	U		0.00488	0.0125
(S) Toluene-d8	*91.0*			*75.0-131*
(S) 4-Bromofluorobenzene	*113*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*98.9*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3912475-1 04/11/23 18:34 • (LCSD) R3912475-2 04/11/23 18:55

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.125	0.121	0.119	96.8	95.2	70.0-123			1.67	20
Toluene	0.125	0.114	0.119	91.2	95.2	75.0-121			4.29	20
Ethylbenzene	0.125	0.129	0.130	103	104	74.0-126			0.772	20
Xylenes, Total	0.375	0.367	0.385	97.9	103	72.0-127			4.79	20
Naphthalene	0.125	0.0811	0.0887	64.9	71.0	59.0-130			8.95	20
(S) Toluene-d8				*84.8*	*85.5*	*75.0-131*				
(S) 4-Bromofluorobenzene				*117*	*118*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*116*	*116*	*70.0-130*				

Method Blank (MB)

(MB) R3911517-1 04/10/23 13:13

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Diesel Range Organics (DRO)	U		1.33	4.00
Residual Range Organics (RRO)	U		3.33	10.0
(S) o-Terphenyl	*65.6*			*18.0-148*

Laboratory Control Sample (LCS)

(LCS) R3911517-2 04/10/23 13:26

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Diesel Range Organics (DRO)	50.0	30.0	60.0	50.0-150	
(S) o-Terphenyl			*64.4*	*18.0-148*	

L1602920-13 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1602920-13 04/10/23 14:28 • (MS) R3911517-3 04/10/23 14:40 • (MSD) R3911517-4 04/10/23 14:55

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Diesel Range Organics (DRO)	52.6	2.96	30.7	33.0	52.8	56.6	1	50.0-150			7.36	20
(S) o-Terphenyl					*50.5*	*51.3*		*18.0-148*				

Method Blank (MB)

(MB) R3911588-2 04/11/23 08:49

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Diesel Range Organics (DRO)	U		1.33	4.00
Residual Range Organics (RRO)	U		3.33	10.0
(S) o-Terphenyl	*74.8*			*18.0-148*

Laboratory Control Sample (LCS)

(LCS) R3911588-1 04/10/23 19:03

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Diesel Range Organics (DRO)	50.0	36.5	73.0	50.0-150	
(S) o-Terphenyl			*71.3*	*18.0-148*	

L1602920-23 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1602920-23 04/10/23 20:55 • (MS) R3911588-3 04/10/23 21:08 • (MSD) R3911588-4 04/10/23 21:20

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Diesel Range Organics (DRO)	51.7	3.05	37.6	38.4	66.8	67.4	1	50.0-150			2.27	20
(S) o-Terphenyl					*63.6*	*61.1*		*18.0-148*				

Method Blank (MB)

(MB) R3912455-1 04/12/23 12:06

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Diesel Range Organics (DRO)	U		1.33	4.00
Residual Range Organics (RRO)	U		3.33	10.0
(S) o-Terphenyl	*65.5*			*18.0-148*

Laboratory Control Sample (LCS)

(LCS) R3912455-2 04/12/23 12:18

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Diesel Range Organics (DRO)	50.0	32.8	65.6	50.0-150	
(S) o-Terphenyl			*66.8*	*18.0-148*	

Method Blank (MB)

(MB) R3911492-1 04/09/23 21:19

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
PCB 1016	U		0.0118	0.0340
PCB 1221	U		0.0118	0.0340
PCB 1232	U		0.0118	0.0340
PCB 1242	U		0.0118	0.0340
PCB 1248	U		0.00738	0.0170
PCB 1254	U		0.00738	0.0170
PCB 1260	U		0.00738	0.0170
(S) Decachlorobiphenyl	*69.2*			*10.0-135*
(S) Tetrachloro-m-xylene	*60.7*			*10.0-139*

Laboratory Control Sample (LCS)

(LCS) R3911492-2 04/09/23 21:27

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
PCB 1016	0.167	0.0965	57.8	36.0-141	
PCB 1260	0.167	0.107	64.1	37.0-145	
(S) Decachlorobiphenyl			*65.0*	*10.0-135*	
(S) Tetrachloro-m-xylene			*56.8*	*10.0-139*	

L1602655-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1602655-01 04/09/23 22:56 • (MS) R3911492-3 04/09/23 23:05 • (MSD) R3911492-4 04/09/23 23:14

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
PCB 1016	0.170	U	0.126	0.126	74.1	75.0	1	10.0-160			0.000	37
PCB 1260	0.170	U	0.130	0.133	76.5	79.3	1	10.0-160			2.33	38
(S) Decachlorobiphenyl					*67.9*	*71.8*		*10.0-135*				
(S) Tetrachloro-m-xylene					*63.7*	*61.4*		*10.0-139*				

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
MDL (dry)	Method Detection Limit.
RDL	Reported Detection Limit.
RDL (dry)	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
B	The same analyte is found in the associated blank.
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
T8	Sample(s) received past/too close to holding time expiration.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
Arcadis - Chevron - WA
1100 Olive Way
Suite 800
Seattle, WA 98101

Billing Information:
Attn: Accounts Payable
630 Plaza Dr., Ste. 600
Highlands Ranch, CO 80129

Pres Chk

Report to:
Ada Hamilton

Email To:
Ada.Hamilton@arcadis.com;environmentDM-

Project Description:
211577

City/State Collected: Seattle WA

Please Circle: (PT) MT CT ET

Phone: 206-325-5254
Brad Purdy

Client Project #
30064319 99.07

Lab Project #
CHEVARCWA-211577

Collected by (print):

Site/Facility ID #
631 QUEEN ANNE AVE N,

P.O. #

Collected by (signature):
Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed
Std TAT

No. of Cntrs

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	BTEXMN/EDB/EDC 8260 40mlAmb/MeOH10ml/Syr X	NWTPHDX no silica 8ozClr-NoPres	NWTPHGX 40mlAmb/MeOH10ml/Syr	PCBs 8082 8ozClr-NoPres *	Total Lead 6020 8ozClr-NoPres	Remarks	Sample # (lab only)
MW-3A-5	G	SS	5	3/28/23	1230	2	X	X	X	X	X		-01
MW-3A-10	G	SS	10	3/28/23	1235	2	X	X	X	X	X		-02
MW-3A-15	G	SS	15	3/28/23	1240	2	X	X	X	X	X		-03
MW-3A-20	G	SS	20	3/28/23	1400	2	X	X	X	X	X		-04
MW-11A-5	G	SS	5	3/29/23	1255	2	X	X	X	X	X		-05
MW-11A-10	G	SS	10	3/29/23	1300	2	X	X	X	X	X		-06
MW-11A-15	G	SS	15	3/29/23	1305	2	X	X	X	X	X		-07
MW-11A-20	G	SS	20	3/29/23	1335	2	X	X	X	X	X		-08
MW-36-5	G	SS	5	3/28/23	1430	2	X	X	X	X	X		-09
MW-36-10	G	SS	10	3/30/23	1430	2	X	X	X	X	X		-10

Chain of Custody Page ___ of ___

Pace
PEOPLE ADVANCING SCIENCE

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12065 Lebanon Rd Mount Juliet, TN 37122
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SDG # L1602920
D136

Acctnum: CHEVARCWA
Template: T225325
Prelogin: P983534
PM: 110 - Brian Ford
PB:

Shipped Via:

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:
** Only run PCBs on MW-37 do not run Naphthalene on MW-11

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 6094 5456 4124

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
Brad Purdy	4/5/23	1200		5-3 MeOH
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: NSA6 °C Bottles Received: 2.7+0=2.7 64
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) Kaycie	Date: 4/6/23 Time: 945

If preservation required by Login: Date/Time

Hold: Condition: NCF / OK

Company Name/Address:
Arcadis - Chevron - WA

1100 Olive Way
Suite 800
Seattle. WA 98101

Billing Information:
Attn: Accounts Payable
630 Plaza Dr., Ste. 600
Highlands Ranch, CO 80129

Pres Chk

Report to:
Ada Hamilton

Email To:
Ada.Hamilton@arcadis.com;environmentDM-

Project Description:
211577

City/State Collected: **Seattle WA**

Please Circle: PT MT CT ET

Phone: **206-325-5254**

Client Project #
30064319 99.07

Lab Project #
CHEVARCWA-211577

Collected by (print):
Brian Ford

Site/Facility ID #
631 QUEEN ANNE AVE N,

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed
STD TAT

No. of Cntrs

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	BTEXMN/EDB/EDC 8260 40mlAmb/MeOH10ml/Syr	NWTPHDX no silica 8ozClr-NoPres	NWTPHGX 40mlAmb/MeOH10ml/Syr	PCBs 8082 8ozClr-NoPres *	Total Lead 6020 8ozClr-NoPres	Remarks	Sample # (lab only)
MW-36-15	G	SS	15	3/30/23	1500	2	X	X	X	X	X		-11
MW-36-20	G	SS	20	3/30/23	1505	2	X	X	X	X	X		-12
MW-37-5	G	SS	5	3/28/23	1415	2	X	X	X	X	X		-13
MW-37-10	G	SS	10	3/30/23	1155	2	X	X	X	X	X		-14
MW-37-15	G	SS	15	3/30/23	1205	2	X	X	X	X	X		-15
MW-37-20	G	SS	20	3/30/23	1220	2	X	X	X	X	X		-16
FD-1	G	SS	—	3/30/23	—	2	X	X	X	X	X		-17
MW-38-5	G	SS	5	3/31/23	1115	2	X	X	X	X	X		-18
MW-38-10	G	SS	10	3/31/23	1215	2	X	X	X	X	X		-19
MW-38-15	G	SS	15	3/31/23	1220	2	X	X	X	X	X		-20

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: * only run PCBs on MW-37

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 5882 7546 2987

Chain of Custody Page 2 of 4

Pace
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MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
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SDG # L1602920

Table #

Acctnum: **CHEVARCWA**

Template:**T225325**

Prelogin: **P983534**

PM: **110 - Brian Ford**

PB:

Shipped Via:

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N
RAD Screen <0.5 mR/hr:		Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
Brian Ford	4/5/23	1200		5-2 HCl 5-3 MeOH	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: NSAG °C Bottles Received: 3.5+0=3.5 64	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) Kayce	Date: 4/6/23 Time: 945	Hold: Condition: NCF / OK

Company Name/Address:
Arcadis - Chevron - WA
1100 Olive Way
Suite 800
Seattle, WA 98101

Billing Information:
Attn: Accounts Payable
630 Plaza Dr., Ste. 600
Highlands Ranch, CO 80129

Pres Chk

Report to:
Ada Hamilton

Email To:
Ada.Hamilton@arcadis.com;environmentDM-

Project Description:
211577

City/State Collected: **Seattle, WA**

Please Circle: (PT) MT CT ET

Phone: **206-325-5254**

Client Project #
30064319 99.07

Lab Project #
CHEVARCWA-211577

Collected by (print):
Brian Parks

Site/Facility ID #
631 QUEEN ANNE AVE N,

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed: STD TAT

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	BTEXMN/EDB/EDC 8260 40mlAmb/MeOH10ml/Syr	NWTPHDX no silica 8ozClr-NoPres	NWTPHGX 40mlAmb/MeOH10ml/Syr	PCBs 8082 8ozClr-NoPres *	Total Lead 6020 8ozClr-NoPres	Remarks	Sample # (lab only)
MW-38-20	G	SS	20	3/31/23	1300	2	X	X	X	X	X		-21
FD-2	G	SS	–	3/31/23	–	2	X	X	X	X	X		-22
MW-40-5	G	SS	5	4/3/23	1020	2	X	X	X	X	X		-23
MW-40-10	G	SS	10	4/3/23	1115	2	X	X	X	X	X		-24
MW-40-15	G	SS	15	4/3/23	1120	2	X	X	X	X	X		-25
MW-40-20	G	SS	20	4/3/23	1145	2	X	X	X	X	X		-26
MW-40-25	G	SS	25	4/3/23	1400	2	X	X	X	X	X		-27
FD-3	G	SS	–	4/4/23	–	2	X	X	X	X	X		-28
MW-46-5	G	SS	5	4/3/23	1315	2	X	X	X	X	X		-29
MW-46-10	G	SS	10	4/4/23	0915	2	X	X	X	X	X		-30

Analysis / Container / Preservative

Chain of Custody Page 3 of 4

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN

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SDG # L1602920

Table #

Acctnum: **CHEVARCWA**
Template: **T225325**
Prelogin: **P983534**
PM: **110 - Brian Ford**
PB:

Shipped Via:

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:
* only run PCBs on MW-37

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 6094 5471 3151

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N
RAD Screen <0.5 mR/hr:		Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	4/5/23	1200	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Trip Blank Received: (Yes) / No
5-3 MeOH
HCL / MeOH
TBR

Temp: USAG °C 4.5+0=4.5 Bottles Received: 64

Date: 4/6/23 Time: 945

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Company Name/Address:
Arcadis - Chevron - WA
1100 Olive Way
Suite 800
Seattle, WA 98101

Billing Information:
Attn: Accounts Payable
630 Plaza Dr., Ste. 600
Highlands Ranch, CO 80129

Pres Chk

Report to:
Ada Hamilton

Email To:
Ada.Hamilton@arcadis.com;environmentDM-

Project Description:
211577

City/State Collected: Seattle WA

Please Circle: (PT) MT CT ET

Phone: 206-325-5254

Client Project #
30064319 99.07

Lab Project #
CHEVARCWA-211577

Collected by (print): Brian Ford

Site/Facility ID #
631 QUEEN ANNE AVE N,

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed: STD TAT

No. of Cntrs

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	BTEXMN/EDB/EDC 8260 40mlAmb/MeOH10ml/Syr	NWTPHDX no silica 8ozClr-NoPres	NWTPHGX 40mlAmb/MeOH10ml/Syr	PCBs 8082 8ozClr-NoPres *	Total Lead 6020 8ozClr-NoPres						Remarks	Sample # (lab only)
MW-46-15	G	SS	15	4/4/23	0930	2	✓	X	✓	X	X							-31
MW-46-20	G	SS	20	4/4/23	0945	2	✓	X	✓	X	X							-32
		SS																
		SS																
		SS																
		SS																
		SS																
		SS																
		SS																
		SS																
		SS																

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: * only run PCBs on MW-37

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: ✓Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: ✓Y __N
RAD Screen <0.5 mR/hr: ✓Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: (Yes) / No HCL / MeOH TBR	If preservation required by Login: Date/Time
Brian Ford	4/5/23	1200		5-2 HCl 5-3 MeOH	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 64	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) Kayla	Date: 4/6/23 Time: 945	Hold: Condition: NCF (OK)

Chain of Custody Page 4 of 4

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
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SDG # L1602920

Table #

Acctnum: CHEVARCWA
Template: T225325
Prelogin: P983534
PM: 110 - Brian Ford
PB:

Shipped Via:

ANALYTICAL REPORT

October 12, 2023

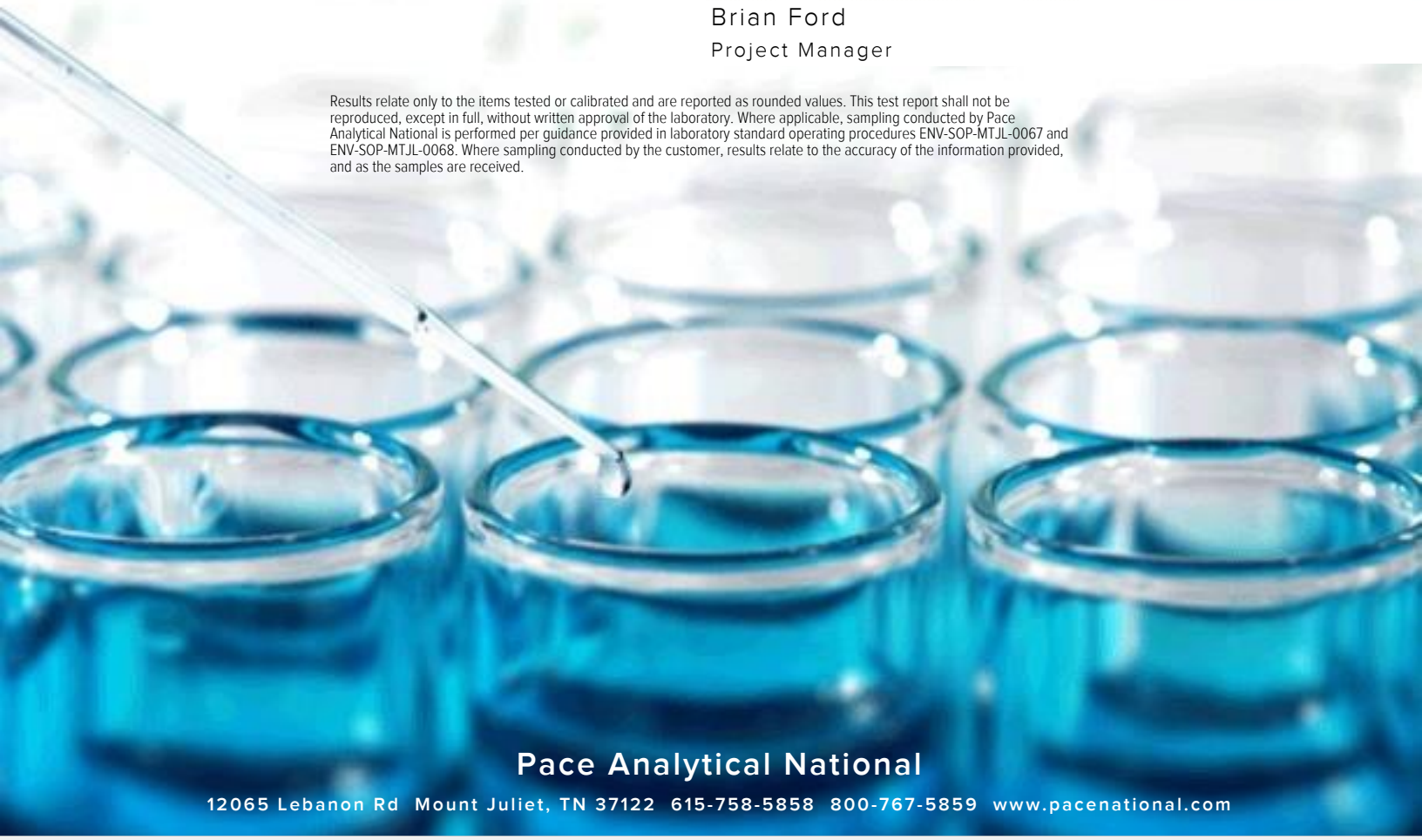
Arcadis - Chevron - WA

Sample Delivery Group:	L1662273
Samples Received:	10/03/2023
Project Number:	30064319
Description:	211577
Site:	631 QUEEN ANNE AVE N, SEATTLE
Report To:	Ada Hamilton 1420 5th Ave Unit 2400 Seattle, WA 98101

Entire Report Reviewed By:

Brian Ford

Project Manager



Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

TABLE OF CONTENTS

TB-2-20230929 L1662273-01 GW

Collected by: Jonah Davis | Collected date/time: 09/29/23 09:00 | Received date/time: 10/03/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2147208	1	10/08/23 11:48	10/08/23 11:48	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2148050	1	10/09/23 19:20	10/09/23 19:20	JAH	Mt. Juliet, TN

EB-5-20230929 L1662273-02 GW

Collected by: Jonah Davis | Collected date/time: 09/29/23 14:30 | Received date/time: 10/03/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2147208	1	10/08/23 13:18	10/08/23 13:18	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2148050	1	10/09/23 22:11	10/09/23 22:11	JAH	Mt. Juliet, TN

DUP-5-20230929 L1662273-03 GW

Collected by: Jonah Davis | Collected date/time: 09/29/23 12:00 | Received date/time: 10/03/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2145184	1	10/07/23 13:14	10/07/23 22:54	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2147208	1	10/08/23 13:40	10/08/23 13:40	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2148050	1	10/09/23 22:30	10/09/23 22:30	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2146191	1	10/08/23 13:56	10/09/23 00:15	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2146192	1	10/08/23 15:08	10/09/23 07:13	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2145315	1	10/05/23 15:01	10/06/23 05:30	DLH	Mt. Juliet, TN

MW-27-W-20230929 L1662273-04 GW

Collected by: Jonah Davis | Collected date/time: 09/29/23 08:20 | Received date/time: 10/03/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2145184	1	10/07/23 13:14	10/07/23 22:57	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2147208	1	10/08/23 14:03	10/08/23 14:03	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2148050	1	10/09/23 22:49	10/09/23 22:49	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2146191	1	10/08/23 13:56	10/09/23 00:35	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2146192	1	10/08/23 15:08	10/09/23 00:35	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2145315	1	10/05/23 15:01	10/06/23 05:48	DLH	Mt. Juliet, TN

MW-33-W-20230929 L1662273-05 GW

Collected by: Jonah Davis | Collected date/time: 09/29/23 08:51 | Received date/time: 10/03/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2145184	1	10/07/23 13:14	10/07/23 23:00	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2147208	1	10/08/23 14:26	10/08/23 14:26	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2148050	1	10/09/23 23:08	10/09/23 23:08	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2146191	1	10/08/23 13:56	10/09/23 00:56	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2146192	1	10/08/23 15:08	10/09/23 10:17	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2145315	1	10/05/23 15:01	10/06/23 06:05	DLH	Mt. Juliet, TN

MW-35-W-20230929 L1662273-06 GW

Collected by: Jonah Davis | Collected date/time: 09/29/23 09:33 | Received date/time: 10/03/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2145184	1	10/07/23 13:14	10/07/23 23:03	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2147208	1	10/08/23 14:48	10/08/23 14:48	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2148050	1	10/09/23 23:27	10/09/23 23:27	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2146191	1	10/08/23 13:56	10/09/23 01:16	DMG	Mt. Juliet, TN

MW-35-W-20230929 L1662273-06 GW

Collected by: Jonah Davis | Collected date/time: 09/29/23 09:33 | Received date/time: 10/03/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2146192	1	10/08/23 15:08	10/09/23 07:54	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2145315	1	10/05/23 15:01	10/06/23 05:06	AMM	Mt. Juliet, TN

OTBMW-1-W-20230929 L1662273-07 GW

Collected by: Jonah Davis | Collected date/time: 09/29/23 10:10 | Received date/time: 10/03/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2145184	1	10/07/23 13:14	10/07/23 23:11	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2147208	1	10/08/23 15:10	10/08/23 15:10	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2148050	1	10/09/23 23:46	10/09/23 23:46	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2146191	1	10/08/23 13:56	10/09/23 01:36	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2146192	1	10/08/23 15:08	10/09/23 01:36	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2145315	1	10/05/23 15:01	10/06/23 05:24	AMM	Mt. Juliet, TN

MW-31-W-20230929 L1662273-08 GW

Collected by: Jonah Davis | Collected date/time: 09/29/23 11:00 | Received date/time: 10/03/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2145184	1	10/07/23 13:14	10/07/23 23:14	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2147208	1	10/08/23 15:33	10/08/23 15:33	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2148050	1	10/10/23 00:05	10/10/23 00:05	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2146191	1	10/08/23 13:56	10/09/23 01:56	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2146192	1	10/08/23 15:08	10/09/23 01:56	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2145315	1	10/05/23 15:01	10/06/23 05:42	AMM	Mt. Juliet, TN

MW-34-W-20230929 L1662273-09 GW

Collected by: Jonah Davis | Collected date/time: 09/29/23 11:40 | Received date/time: 10/03/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2145184	1	10/07/23 13:14	10/07/23 23:17	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2147208	1	10/08/23 15:55	10/08/23 15:55	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2148050	1	10/10/23 00:24	10/10/23 00:24	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2146191	1	10/08/23 13:56	10/09/23 02:16	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2146192	1	10/08/23 15:08	10/09/23 02:16	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2145315	1	10/05/23 15:01	10/06/23 05:59	AMM	Mt. Juliet, TN

MW-30-W-20230929 L1662273-10 GW

Collected by: Jonah Davis | Collected date/time: 09/29/23 12:21 | Received date/time: 10/03/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2145184	1	10/07/23 13:14	10/07/23 23:20	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2147208	1	10/08/23 16:18	10/08/23 16:18	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2148050	1	10/10/23 00:43	10/10/23 00:43	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2146191	1	10/08/23 13:56	10/09/23 02:37	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2146192	1	10/08/23 15:08	10/09/23 02:37	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2145315	1	10/05/23 15:01	10/06/23 06:17	AMM	Mt. Juliet, TN

SAMPLE SUMMARY

MW-28-W-20230929 L1662273-11 GW

Collected by: Jonah Davis
Collected date/time: 09/29/23 13:06
Received date/time: 10/03/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2145184	1	10/07/23 13:14	10/07/23 23:22	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2147208	1	10/08/23 16:41	10/08/23 16:41	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2148050	1	10/10/23 01:01	10/10/23 01:01	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2146191	1	10/08/23 13:56	10/09/23 02:57	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2146192	1	10/08/23 15:08	10/09/23 02:57	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2145315	1	10/05/23 15:01	10/06/23 06:35	AMM	Mt. Juliet, TN

MW-29-W-20230929 L1662273-12 GW

Collected by: Jonah Davis
Collected date/time: 09/29/23 13:42
Received date/time: 10/03/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2145184	1	10/07/23 13:14	10/07/23 23:25	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2147208	1	10/08/23 17:03	10/08/23 17:03	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2148116	1	10/10/23 10:30	10/10/23 10:30	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2146191	1	10/08/23 13:56	10/09/23 03:17	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2146192	1	10/08/23 15:08	10/09/23 03:17	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2145315	1	10/05/23 15:01	10/06/23 06:53	AMM	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Brian Ford
Project Manager

Sample Delivery Group (SDG) Narrative

pH outside of method requirement.

Lab Sample ID	Project Sample ID	Method
L1662273-10	MW-30-W-20230929	NWTPHDX-NO SGT, NWTPHDX-SGT
L1662273-12	MW-29-W-20230929	NWTPHDX-NO SGT, NWTPHDX-SGT

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	43.5	B J	31.6	100	1	10/08/2023 11:48	WG2147208
(S) a,a,a-Trifluorotoluene(FID)	*109*			*78.0-120*		*10/08/2023 11:48*	WG2147208

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0160	0.0400	1	10/09/2023 19:20	WG2148050
1,1-Dichloroethene	U		0.0200	0.100	1	10/09/2023 19:20	WG2148050
cis-1,2-Dichloroethene	U		0.0276	0.100	1	10/09/2023 19:20	WG2148050
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/09/2023 19:20	WG2148050
Ethylbenzene	0.0420	J	0.0212	0.100	1	10/09/2023 19:20	WG2148050
Tetrachloroethene	U		0.0280	0.100	1	10/09/2023 19:20	WG2148050
Toluene	0.176	J	0.0500	0.200	1	10/09/2023 19:20	WG2148050
Trichloroethene	U		0.0160	0.0400	1	10/09/2023 19:20	WG2148050
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	10/09/2023 19:20	WG2148050
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/09/2023 19:20	WG2148050
Vinyl chloride	U		0.0273	0.100	1	10/09/2023 19:20	WG2148050
Xylenes, Total	0.231	J	0.191	0.260	1	10/09/2023 19:20	WG2148050
(S) Toluene-d8	*101*			*75.0-131*		*10/09/2023 19:20*	WG2148050
(S) 4-Bromofluorobenzene	*87.2*			*67.0-138*		*10/09/2023 19:20*	WG2148050
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*		*10/09/2023 19:20*	WG2148050

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	U		31.6	100	1	10/08/2023 13:18	WG2147208
(S) a,a,a-Trifluorotoluene(FID)	*109*			*78.0-120*		*10/08/2023 13:18*	WG2147208

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0160	0.0400	1	10/09/2023 22:11	WG2148050
1,1-Dichloroethene	U		0.0200	0.100	1	10/09/2023 22:11	WG2148050
cis-1,2-Dichloroethene	U		0.0276	0.100	1	10/09/2023 22:11	WG2148050
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/09/2023 22:11	WG2148050
Ethylbenzene	0.0610	J	0.0212	0.100	1	10/09/2023 22:11	WG2148050
Tetrachloroethene	U		0.0280	0.100	1	10/09/2023 22:11	WG2148050
Toluene	0.246		0.0500	0.200	1	10/09/2023 22:11	WG2148050
Trichloroethene	U		0.0160	0.0400	1	10/09/2023 22:11	WG2148050
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	10/09/2023 22:11	WG2148050
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/09/2023 22:11	WG2148050
Vinyl chloride	U		0.0273	0.100	1	10/09/2023 22:11	WG2148050
Xylenes, Total	0.296		0.191	0.260	1	10/09/2023 22:11	WG2148050
(S) Toluene-d8	*101*			*75.0-131*		*10/09/2023 22:11*	WG2148050
(S) 4-Bromofluorobenzene	*86.1*			*67.0-138*		*10/09/2023 22:11*	WG2148050
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*10/09/2023 22:11*	WG2148050

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Arsenic	5.17	B J	4.40	10.0	1	10/07/2023 22:54	WG2145184
Lead	U		2.99	6.00	1	10/07/2023 22:54	WG2145184

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	40.3	B J	31.6	100	1	10/08/2023 13:40	WG2147208
(S) a,a,a-Trifluorotoluene(FID)	*109*			*78.0-120*		*10/08/2023 13:40*	WG2147208

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	0.198		0.0160	0.0400	1	10/09/2023 22:30	WG2148050
1,1-Dichloroethene	U		0.0200	0.100	1	10/09/2023 22:30	WG2148050
cis-1,2-Dichloroethene	U		0.0276	0.100	1	10/09/2023 22:30	WG2148050
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/09/2023 22:30	WG2148050
Ethylbenzene	0.0990	J	0.0212	0.100	1	10/09/2023 22:30	WG2148050
Tetrachloroethene	U		0.0280	0.100	1	10/09/2023 22:30	WG2148050
Toluene	0.452		0.0500	0.200	1	10/09/2023 22:30	WG2148050
Trichloroethene	U		0.0160	0.0400	1	10/09/2023 22:30	WG2148050
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	10/09/2023 22:30	WG2148050
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/09/2023 22:30	WG2148050
Vinyl chloride	U		0.0273	0.100	1	10/09/2023 22:30	WG2148050
Xylenes, Total	0.498		0.191	0.260	1	10/09/2023 22:30	WG2148050
(S) Toluene-d8	*103*			*75.0-131*		*10/09/2023 22:30*	WG2148050
(S) 4-Bromofluorobenzene	*83.5*			*67.0-138*		*10/09/2023 22:30*	WG2148050
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*10/09/2023 22:30*	WG2148050

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	565		66.7	200	1	10/09/2023 00:15	WG2146191
Residual Range Organics (RRO)	397		83.3	250	1	10/09/2023 00:15	WG2146191
(S) o-Terphenyl	*104*			*52.0-156*		*10/09/2023 00:15*	WG2146191

Sample Narrative:

L1662273-03 WG2146191: Sample resembles laboratory standard for Diesel.

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	U		66.7	200	1	10/09/2023 07:13	WG2146192
Residual Range Organics (RRO)	U		83.3	250	1	10/09/2023 07:13	WG2146192
(S) o-Terphenyl	*71.6*			*52.0-156*		*10/09/2023 07:13*	WG2146192

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Naphthalene	U		0.0917	0.250	1	10/06/2023 05:30	WG2145315
1-Methylnaphthalene	U		0.0687	0.250	1	10/06/2023 05:30	WG2145315
2-Methylnaphthalene	U		0.0674	0.250	1	10/06/2023 05:30	WG2145315
(S) Nitrobenzene-d5	*116*			*31.0-160*		*10/06/2023 05:30*	WG2145315

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
(S) 2-Fluorobiphenyl	*97.4*			*48.0-148*		*10/06/2023 05:30*	WG2145315
(S) p-Terphenyl-d14	*98.4*			*37.0-146*		*10/06/2023 05:30*	WG2145315

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Arsenic	13.2	B	4.40	10.0	1	10/07/2023 22:57	WG2145184
Lead	U		2.99	6.00	1	10/07/2023 22:57	WG2145184

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	34.0	B J	31.6	100	1	10/08/2023 14:03	WG2147208
(S) a,a,a-Trifluorotoluene(FID)	*109*			*78.0-120*		*10/08/2023 14:03*	WG2147208

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	0.0300	J	0.0160	0.0400	1	10/09/2023 22:49	WG2148050
1,1-Dichloroethene	U		0.0200	0.100	1	10/09/2023 22:49	WG2148050
cis-1,2-Dichloroethene	U		0.0276	0.100	1	10/09/2023 22:49	WG2148050
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/09/2023 22:49	WG2148050
Ethylbenzene	0.163		0.0212	0.100	1	10/09/2023 22:49	WG2148050
Tetrachloroethene	U		0.0280	0.100	1	10/09/2023 22:49	WG2148050
Toluene	0.428		0.0500	0.200	1	10/09/2023 22:49	WG2148050
Trichloroethene	U		0.0160	0.0400	1	10/09/2023 22:49	WG2148050
1,2,4-Trimethylbenzene	0.0660	J	0.0464	0.200	1	10/09/2023 22:49	WG2148050
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/09/2023 22:49	WG2148050
Vinyl chloride	U		0.0273	0.100	1	10/09/2023 22:49	WG2148050
Xylenes, Total	0.896		0.191	0.260	1	10/09/2023 22:49	WG2148050
(S) Toluene-d8	*103*			*75.0-131*		*10/09/2023 22:49*	WG2148050
(S) 4-Bromofluorobenzene	*86.7*			*67.0-138*		*10/09/2023 22:49*	WG2148050
(S) 1,2-Dichloroethane-d4	*113*			*70.0-130*		*10/09/2023 22:49*	WG2148050

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	74.8	J	66.7	200	1	10/09/2023 00:35	WG2146191
Residual Range Organics (RRO)	227	J	83.3	250	1	10/09/2023 00:35	WG2146191
(S) o-Terphenyl	*103*			*52.0-156*		*10/09/2023 00:35*	WG2146191

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	74.8	J	66.7	200	1	10/09/2023 00:35	WG2146192
Residual Range Organics (RRO)	227	J	83.3	250	1	10/09/2023 00:35	WG2146192
(S) o-Terphenyl	*103*			*52.0-156*		*10/09/2023 00:35*	WG2146192

Sample Narrative:

L1662273-04 WG2146192: Reporting from non-silica gel data due to non-detect to the RDL.

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Naphthalene	U		0.0917	0.250	1	10/06/2023 05:48	WG2145315
1-Methylnaphthalene	U		0.0687	0.250	1	10/06/2023 05:48	WG2145315
2-Methylnaphthalene	U		0.0674	0.250	1	10/06/2023 05:48	WG2145315
(S) Nitrobenzene-d5	*121*			*31.0-160*		*10/06/2023 05:48*	WG2145315

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
(S) 2-Fluorobiphenyl	*95.8*			*48.0-148*		*10/06/2023 05:48*	WG2145315
(S) p-Terphenyl-d14	*95.8*			*37.0-146*		*10/06/2023 05:48*	WG2145315

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Arsenic	U		4.40	10.0	1	10/07/2023 23:00	WG2145184
Lead	U		2.99	6.00	1	10/07/2023 23:00	WG2145184

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	43.8	B J	31.6	100	1	10/08/2023 14:26	WG2147208
(S) a,a,a-Trifluorotoluene(FID)	*108*			*78.0-120*		*10/08/2023 14:26*	WG2147208

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	0.187		0.0160	0.0400	1	10/09/2023 23:08	WG2148050
1,1-Dichloroethene	U		0.0200	0.100	1	10/09/2023 23:08	WG2148050
cis-1,2-Dichloroethene	U		0.0276	0.100	1	10/09/2023 23:08	WG2148050
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/09/2023 23:08	WG2148050
Ethylbenzene	0.105		0.0212	0.100	1	10/09/2023 23:08	WG2148050
Tetrachloroethene	U		0.0280	0.100	1	10/09/2023 23:08	WG2148050
Toluene	0.434		0.0500	0.200	1	10/09/2023 23:08	WG2148050
Trichloroethene	U		0.0160	0.0400	1	10/09/2023 23:08	WG2148050
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	10/09/2023 23:08	WG2148050
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/09/2023 23:08	WG2148050
Vinyl chloride	U		0.0273	0.100	1	10/09/2023 23:08	WG2148050
Xylenes, Total	0.526		0.191	0.260	1	10/09/2023 23:08	WG2148050
(S) Toluene-d8	*102*			*75.0-131*		*10/09/2023 23:08*	WG2148050
(S) 4-Bromofluorobenzene	*84.5*			*67.0-138*		*10/09/2023 23:08*	WG2148050
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*		*10/09/2023 23:08*	WG2148050

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	531		66.7	200	1	10/09/2023 00:56	WG2146191
Residual Range Organics (RRO)	408		83.3	250	1	10/09/2023 00:56	WG2146191
(S) o-Terphenyl	*101*			*52.0-156*		*10/09/2023 00:56*	WG2146191

Sample Narrative:

L1662273-05 WG2146191: Sample resembles laboratory standard for Diesel.

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	U		66.7	200	1	10/09/2023 10:17	WG2146192
Residual Range Organics (RRO)	U		83.3	250	1	10/09/2023 10:17	WG2146192
(S) o-Terphenyl	*70.5*			*52.0-156*		*10/09/2023 10:17*	WG2146192

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Naphthalene	U		0.0917	0.250	1	10/06/2023 06:05	WG2145315
1-Methylnaphthalene	U		0.0687	0.250	1	10/06/2023 06:05	WG2145315
2-Methylnaphthalene	U		0.0674	0.250	1	10/06/2023 06:05	WG2145315
(S) Nitrobenzene-d5	*122*			*31.0-160*		*10/06/2023 06:05*	WG2145315

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
(S) 2-Fluorobiphenyl	*96.3*			*48.0-148*		*10/06/2023 06:05*	WG2145315
(S) p-Terphenyl-d14	*98.4*			*37.0-146*		*10/06/2023 06:05*	WG2145315

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Arsenic	21.8	B	4.40	10.0	1	10/07/2023 23:03	WG2145184
Lead	U		2.99	6.00	1	10/07/2023 23:03	WG2145184

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	33.1	B J	31.6	100	1	10/08/2023 14:48	WG2147208
(S) a,a,a-Trifluorotoluene(FID)	*109*			*78.0-120*		*10/08/2023 14:48*	WG2147208

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	0.0650		0.0160	0.0400	1	10/09/2023 23:27	WG2148050
1,1-Dichloroethene	U		0.0200	0.100	1	10/09/2023 23:27	WG2148050
cis-1,2-Dichloroethene	U		0.0276	0.100	1	10/09/2023 23:27	WG2148050
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/09/2023 23:27	WG2148050
Ethylbenzene	0.0910	J	0.0212	0.100	1	10/09/2023 23:27	WG2148050
Tetrachloroethene	U		0.0280	0.100	1	10/09/2023 23:27	WG2148050
Toluene	0.407		0.0500	0.200	1	10/09/2023 23:27	WG2148050
Trichloroethene	U		0.0160	0.0400	1	10/09/2023 23:27	WG2148050
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	10/09/2023 23:27	WG2148050
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/09/2023 23:27	WG2148050
Vinyl chloride	U		0.0273	0.100	1	10/09/2023 23:27	WG2148050
Xylenes, Total	0.465		0.191	0.260	1	10/09/2023 23:27	WG2148050
(S) Toluene-d8	*102*			*75.0-131*		*10/09/2023 23:27*	WG2148050
(S) 4-Bromofluorobenzene	*86.8*			*67.0-138*		*10/09/2023 23:27*	WG2148050
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*		*10/09/2023 23:27*	WG2148050

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	327		66.7	200	1	10/09/2023 01:16	WG2146191
Residual Range Organics (RRO)	298		83.3	250	1	10/09/2023 01:16	WG2146191
(S) o-Terphenyl	*96.8*			*52.0-156*		*10/09/2023 01:16*	WG2146191

Sample Narrative:

L1662273-06 WG2146191: Sample does not resemble laboratory standards.

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	U		66.7	200	1	10/09/2023 07:54	WG2146192
Residual Range Organics (RRO)	U		83.3	250	1	10/09/2023 07:54	WG2146192
(S) o-Terphenyl	*78.4*			*52.0-156*		*10/09/2023 07:54*	WG2146192

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Naphthalene	U		0.0917	0.250	1	10/06/2023 05:06	WG2145315
1-Methylnaphthalene	U		0.0687	0.250	1	10/06/2023 05:06	WG2145315
2-Methylnaphthalene	U		0.0674	0.250	1	10/06/2023 05:06	WG2145315
(S) Nitrobenzene-d5	*92.6*			*31.0-160*		*10/06/2023 05:06*	WG2145315

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
(S) 2-Fluorobiphenyl	*102*			*48.0-148*		*10/06/2023 05:06*	WG2145315
(S) p-Terphenyl-d14	*95.3*			*37.0-146*		*10/06/2023 05:06*	WG2145315

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Arsenic	U		4.40	10.0	1	10/07/2023 23:11	WG2145184
Lead	U		2.99	6.00	1	10/07/2023 23:11	WG2145184

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	U		31.6	100	1	10/08/2023 15:10	WG2147208
(S) a,a,a-Trifluorotoluene(FID)	*109*			*78.0-120*		*10/08/2023 15:10*	WG2147208

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0160	0.0400	1	10/09/2023 23:46	WG2148050
1,1-Dichloroethene	U		0.0200	0.100	1	10/09/2023 23:46	WG2148050
cis-1,2-Dichloroethene	U		0.0276	0.100	1	10/09/2023 23:46	WG2148050
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/09/2023 23:46	WG2148050
Ethylbenzene	0.0510	J	0.0212	0.100	1	10/09/2023 23:46	WG2148050
Tetrachloroethene	U		0.0280	0.100	1	10/09/2023 23:46	WG2148050
Toluene	0.131	J	0.0500	0.200	1	10/09/2023 23:46	WG2148050
Trichloroethene	U		0.0160	0.0400	1	10/09/2023 23:46	WG2148050
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	10/09/2023 23:46	WG2148050
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/09/2023 23:46	WG2148050
Vinyl chloride	U		0.0273	0.100	1	10/09/2023 23:46	WG2148050
Xylenes, Total	0.298		0.191	0.260	1	10/09/2023 23:46	WG2148050
(S) Toluene-d8	*101*			*75.0-131*		*10/09/2023 23:46*	WG2148050
(S) 4-Bromofluorobenzene	*84.6*			*67.0-138*		*10/09/2023 23:46*	WG2148050
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*10/09/2023 23:46*	WG2148050

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	U		66.7	200	1	10/09/2023 01:36	WG2146191
Residual Range Organics (RRO)	110	J	83.3	250	1	10/09/2023 01:36	WG2146191
(S) o-Terphenyl	*87.9*			*52.0-156*		*10/09/2023 01:36*	WG2146191

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	U		66.7	200	1	10/09/2023 01:36	WG2146192
Residual Range Organics (RRO)	110	J	83.3	250	1	10/09/2023 01:36	WG2146192
(S) o-Terphenyl	*87.9*			*52.0-156*		*10/09/2023 01:36*	WG2146192

Sample Narrative:

L1662273-07 WG2146192: Reporting from non-silica gel data due to non-detect to the RDL.

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Naphthalene	U		0.0917	0.250	1	10/06/2023 05:24	WG2145315
1-Methylnaphthalene	U		0.0687	0.250	1	10/06/2023 05:24	WG2145315
2-Methylnaphthalene	U		0.0674	0.250	1	10/06/2023 05:24	WG2145315
(S) Nitrobenzene-d5	*107*			*31.0-160*		*10/06/2023 05:24*	WG2145315

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
(S) 2-Fluorobiphenyl	*109*			*48.0-148*		*10/06/2023 05:24*	WG2145315
(S) p-Terphenyl-d14	*105*			*37.0-146*		*10/06/2023 05:24*	WG2145315

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Arsenic	U		4.40	10.0	1	10/07/2023 23:14	WG2145184
Lead	U		2.99	6.00	1	10/07/2023 23:14	WG2145184

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	U		31.6	100	1	10/08/2023 15:33	WG2147208
(S) a,a,a-Trifluorotoluene(FID)	*109*			*78.0-120*		*10/08/2023 15:33*	WG2147208

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0160	0.0400	1	10/10/2023 00:05	WG2148050
1,1-Dichloroethene	U		0.0200	0.100	1	10/10/2023 00:05	WG2148050
cis-1,2-Dichloroethene	U		0.0276	0.100	1	10/10/2023 00:05	WG2148050
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/10/2023 00:05	WG2148050
Ethylbenzene	U		0.0212	0.100	1	10/10/2023 00:05	WG2148050
Tetrachloroethene	U		0.0280	0.100	1	10/10/2023 00:05	WG2148050
Toluene	U		0.0500	0.200	1	10/10/2023 00:05	WG2148050
Trichloroethene	U		0.0160	0.0400	1	10/10/2023 00:05	WG2148050
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	10/10/2023 00:05	WG2148050
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/10/2023 00:05	WG2148050
Vinyl chloride	U		0.0273	0.100	1	10/10/2023 00:05	WG2148050
Xylenes, Total	U		0.191	0.260	1	10/10/2023 00:05	WG2148050
(S) Toluene-d8	*99.1*			*75.0-131*		*10/10/2023 00:05*	WG2148050
(S) 4-Bromofluorobenzene	*84.5*			*67.0-138*		*10/10/2023 00:05*	WG2148050
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*10/10/2023 00:05*	WG2148050

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	U		66.7	200	1	10/09/2023 01:56	WG2146191
Residual Range Organics (RRO)	U		83.3	250	1	10/09/2023 01:56	WG2146191
(S) o-Terphenyl	*94.7*			*52.0-156*		*10/09/2023 01:56*	WG2146191

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	U		66.7	200	1	10/09/2023 01:56	WG2146192
Residual Range Organics (RRO)	U		83.3	250	1	10/09/2023 01:56	WG2146192
(S) o-Terphenyl	*94.7*			*52.0-156*		*10/09/2023 01:56*	WG2146192

Sample Narrative:

L1662273-08 WG2146192: Reporting from non-silica gel data due to non-detect to the RDL.

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Naphthalene	U		0.0917	0.250	1	10/06/2023 05:42	WG2145315
1-Methylnaphthalene	U		0.0687	0.250	1	10/06/2023 05:42	WG2145315
2-Methylnaphthalene	U		0.0674	0.250	1	10/06/2023 05:42	WG2145315
(S) Nitrobenzene-d5	*97.9*			*31.0-160*		*10/06/2023 05:42*	WG2145315

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
(S) 2-Fluorobiphenyl	*100*			*48.0-148*		*10/06/2023 05:42*	WG2145315
(S) p-Terphenyl-d14	*96.3*			*37.0-146*		*10/06/2023 05:42*	WG2145315

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Arsenic	5.44	B J	4.40	10.0	1	10/07/2023 23:17	WG2145184
Lead	U		2.99	6.00	1	10/07/2023 23:17	WG2145184

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	32.6	B J	31.6	100	1	10/08/2023 15:55	WG2147208
(S) a,a,a-Trifluorotoluene(FID)	*109*			*78.0-120*		*10/08/2023 15:55*	WG2147208

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0160	0.0400	1	10/10/2023 00:24	WG2148050
1,1-Dichloroethene	U		0.0200	0.100	1	10/10/2023 00:24	WG2148050
cis-1,2-Dichloroethene	U		0.0276	0.100	1	10/10/2023 00:24	WG2148050
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/10/2023 00:24	WG2148050
Ethylbenzene	0.0610	J	0.0212	0.100	1	10/10/2023 00:24	WG2148050
Tetrachloroethene	0.804		0.0280	0.100	1	10/10/2023 00:24	WG2148050
Toluene	0.149	J	0.0500	0.200	1	10/10/2023 00:24	WG2148050
Trichloroethene	0.0340	J	0.0160	0.0400	1	10/10/2023 00:24	WG2148050
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	10/10/2023 00:24	WG2148050
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/10/2023 00:24	WG2148050
Vinyl chloride	U		0.0273	0.100	1	10/10/2023 00:24	WG2148050
Xylenes, Total	0.405		0.191	0.260	1	10/10/2023 00:24	WG2148050
(S) Toluene-d8	*105*			*75.0-131*		*10/10/2023 00:24*	WG2148050
(S) 4-Bromofluorobenzene	*84.7*			*67.0-138*		*10/10/2023 00:24*	WG2148050
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*10/10/2023 00:24*	WG2148050

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	U		66.7	200	1	10/09/2023 02:16	WG2146191
Residual Range Organics (RRO)	106	J	83.3	250	1	10/09/2023 02:16	WG2146191
(S) o-Terphenyl	*96.8*			*52.0-156*		*10/09/2023 02:16*	WG2146191

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	U		66.7	200	1	10/09/2023 02:16	WG2146192
Residual Range Organics (RRO)	106	J	83.3	250	1	10/09/2023 02:16	WG2146192
(S) o-Terphenyl	*96.8*			*52.0-156*		*10/09/2023 02:16*	WG2146192

Sample Narrative:

L1662273-09 WG2146192: Reporting from non-silica gel data due to non-detect to the RDL.

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Naphthalene	U		0.0917	0.250	1	10/06/2023 05:59	WG2145315
1-Methylnaphthalene	U		0.0687	0.250	1	10/06/2023 05:59	WG2145315
2-Methylnaphthalene	U		0.0674	0.250	1	10/06/2023 05:59	WG2145315
(S) Nitrobenzene-d5	*96.8*			*31.0-160*		*10/06/2023 05:59*	WG2145315

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
(S) 2-Fluorobiphenyl	*95.3*			*48.0-148*		*10/06/2023 05:59*	WG2145315
(S) p-Terphenyl-d14	*90.5*			*37.0-146*		*10/06/2023 05:59*	WG2145315

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Arsenic	8.38	B J	4.40	10.0	1	10/07/2023 23:20	WG2145184
Lead	U		2.99	6.00	1	10/07/2023 23:20	WG2145184

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	32.1	B J	31.6	100	1	10/08/2023 16:18	WG2147208
(S) a,a,a-Trifluorotoluene(FID)	*110*			*78.0-120*		*10/08/2023 16:18*	WG2147208

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0160	0.0400	1	10/10/2023 00:43	WG2148050
1,1-Dichloroethene	U		0.0200	0.100	1	10/10/2023 00:43	WG2148050
cis-1,2-Dichloroethene	0.263		0.0276	0.100	1	10/10/2023 00:43	WG2148050
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/10/2023 00:43	WG2148050
Ethylbenzene	0.0560	J	0.0212	0.100	1	10/10/2023 00:43	WG2148050
Tetrachloroethene	5.00		0.0280	0.100	1	10/10/2023 00:43	WG2148050
Toluene	0.147	J	0.0500	0.200	1	10/10/2023 00:43	WG2148050
Trichloroethene	3.32		0.0160	0.0400	1	10/10/2023 00:43	WG2148050
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	10/10/2023 00:43	WG2148050
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/10/2023 00:43	WG2148050
Vinyl chloride	U		0.0273	0.100	1	10/10/2023 00:43	WG2148050
Xylenes, Total	0.393		0.191	0.260	1	10/10/2023 00:43	WG2148050
(S) Toluene-d8	*105*			*75.0-131*		*10/10/2023 00:43*	WG2148050
(S) 4-Bromofluorobenzene	*82.9*			*67.0-138*		*10/10/2023 00:43*	WG2148050
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*10/10/2023 00:43*	WG2148050

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	84.9	J	66.7	200	1	10/09/2023 02:37	WG2146191
Residual Range Organics (RRO)	128	J	83.3	250	1	10/09/2023 02:37	WG2146191
(S) o-Terphenyl	*97.4*			*52.0-156*		*10/09/2023 02:37*	WG2146191

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	84.9	J	66.7	200	1	10/09/2023 02:37	WG2146192
Residual Range Organics (RRO)	128	J	83.3	250	1	10/09/2023 02:37	WG2146192
(S) o-Terphenyl	*97.4*			*52.0-156*		*10/09/2023 02:37*	WG2146192

Sample Narrative:

L1662273-10 WG2146192: Reporting from non-silica gel data due to non-detect to the RDL.

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Naphthalene	U		0.0917	0.250	1	10/06/2023 06:17	WG2145315
1-Methylnaphthalene	U		0.0687	0.250	1	10/06/2023 06:17	WG2145315
2-Methylnaphthalene	U		0.0674	0.250	1	10/06/2023 06:17	WG2145315
(S) Nitrobenzene-d5	*98.9*			*31.0-160*		*10/06/2023 06:17*	WG2145315

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
(S) 2-Fluorobiphenyl	*102*			*48.0-148*		*10/06/2023 06:17*	WG2145315
(S) p-Terphenyl-d14	*96.3*			*37.0-146*		*10/06/2023 06:17*	WG2145315

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Arsenic	U		4.40	10.0	1	10/07/2023 23:22	WG2145184
Lead	U		2.99	6.00	1	10/07/2023 23:22	WG2145184

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	U		31.6	100	1	10/08/2023 16:41	WG2147208
(S) a,a,a-Trifluorotoluene(FID)	*109*			*78.0-120*		*10/08/2023 16:41*	WG2147208

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0160	0.0400	1	10/10/2023 01:01	WG2148050
1,1-Dichloroethene	U		0.0200	0.100	1	10/10/2023 01:01	WG2148050
cis-1,2-Dichloroethene	U		0.0276	0.100	1	10/10/2023 01:01	WG2148050
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/10/2023 01:01	WG2148050
Ethylbenzene	U		0.0212	0.100	1	10/10/2023 01:01	WG2148050
Tetrachloroethene	0.259		0.0280	0.100	1	10/10/2023 01:01	WG2148050
Toluene	U		0.0500	0.200	1	10/10/2023 01:01	WG2148050
Trichloroethene	0.0440		0.0160	0.0400	1	10/10/2023 01:01	WG2148050
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	10/10/2023 01:01	WG2148050
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/10/2023 01:01	WG2148050
Vinyl chloride	U		0.0273	0.100	1	10/10/2023 01:01	WG2148050
Xylenes, Total	U		0.191	0.260	1	10/10/2023 01:01	WG2148050
(S) Toluene-d8	*103*			*75.0-131*		*10/10/2023 01:01*	WG2148050
(S) 4-Bromofluorobenzene	*82.8*			*67.0-138*		*10/10/2023 01:01*	WG2148050
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*		*10/10/2023 01:01*	WG2148050

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	U		66.7	200	1	10/09/2023 02:57	WG2146191
Residual Range Organics (RRO)	95.7	J	83.3	250	1	10/09/2023 02:57	WG2146191
(S) o-Terphenyl	*93.2*			*52.0-156*		*10/09/2023 02:57*	WG2146191

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	U		66.7	200	1	10/09/2023 02:57	WG2146192
Residual Range Organics (RRO)	95.7	J	83.3	250	1	10/09/2023 02:57	WG2146192
(S) o-Terphenyl	*93.2*			*52.0-156*		*10/09/2023 02:57*	WG2146192

Sample Narrative:

L1662273-11 WG2146192: Reporting from non-silica gel data due to non-detect to the RDL.

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Naphthalene	U		0.0917	0.250	1	10/06/2023 06:35	WG2145315
1-Methylnaphthalene	U		0.0687	0.250	1	10/06/2023 06:35	WG2145315
2-Methylnaphthalene	U		0.0674	0.250	1	10/06/2023 06:35	WG2145315
(S) Nitrobenzene-d5	*105*			*31.0-160*		*10/06/2023 06:35*	WG2145315

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
(S) 2-Fluorobiphenyl	*103*			*48.0-148*		*10/06/2023 06:35*	WG2145315
(S) p-Terphenyl-d14	*101*			*37.0-146*		*10/06/2023 06:35*	WG2145315

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Arsenic	34.0	B	4.40	10.0	1	10/07/2023 23:25	WG2145184
Lead	U		2.99	6.00	1	10/07/2023 23:25	WG2145184

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	U		31.6	100	1	10/08/2023 17:03	WG2147208
(S) a,a,a-Trifluorotoluene(FID)	*110*			*78.0-120*		*10/08/2023 17:03*	WG2147208

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0160	0.0400	1	10/10/2023 10:30	WG2148116
1,1-Dichloroethene	U		0.0200	0.100	1	10/10/2023 10:30	WG2148116
cis-1,2-Dichloroethene	0.154		0.0276	0.100	1	10/10/2023 10:30	WG2148116
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/10/2023 10:30	WG2148116
Ethylbenzene	0.0280	J	0.0212	0.100	1	10/10/2023 10:30	WG2148116
Tetrachloroethene	U		0.0280	0.100	1	10/10/2023 10:30	WG2148116
Toluene	0.101	J	0.0500	0.200	1	10/10/2023 10:30	WG2148116
Trichloroethene	U		0.0160	0.0400	1	10/10/2023 10:30	WG2148116
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	10/10/2023 10:30	WG2148116
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/10/2023 10:30	WG2148116
Vinyl chloride	U		0.0273	0.100	1	10/10/2023 10:30	WG2148116
Xylenes, Total	U		0.191	0.260	1	10/10/2023 10:30	WG2148116
(S) Toluene-d8	*93.6*			*75.0-131*		*10/10/2023 10:30*	WG2148116
(S) 4-Bromofluorobenzene	*102*			*67.0-138*		*10/10/2023 10:30*	WG2148116
(S) 1,2-Dichloroethane-d4	*116*			*70.0-130*		*10/10/2023 10:30*	WG2148116

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	U		66.7	200	1	10/09/2023 03:17	WG2146191
Residual Range Organics (RRO)	83.5	J	83.3	250	1	10/09/2023 03:17	WG2146191
(S) o-Terphenyl	*99.5*			*52.0-156*		*10/09/2023 03:17*	WG2146191

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	U		66.7	200	1	10/09/2023 03:17	WG2146192
Residual Range Organics (RRO)	83.5	J	83.3	250	1	10/09/2023 03:17	WG2146192
(S) o-Terphenyl	*99.5*			*52.0-156*		*10/09/2023 03:17*	WG2146192

Sample Narrative:

L1662273-12 WG2146192: Reporting from non-silica gel data due to non-detect to the RDL.

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Naphthalene	U		0.0917	0.250	1	10/06/2023 06:53	WG2145315
1-Methylnaphthalene	U		0.0687	0.250	1	10/06/2023 06:53	WG2145315
2-Methylnaphthalene	U		0.0674	0.250	1	10/06/2023 06:53	WG2145315
(S) Nitrobenzene-d5	*112*			*31.0-160*		*10/06/2023 06:53*	WG2145315

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
(S) 2-Fluorobiphenyl	*112*			*48.0-148*		*10/06/2023 06:53*	WG2145315
(S) p-Terphenyl-d14	*105*			*37.0-146*		*10/06/2023 06:53*	WG2145315

Method Blank (MB)

(MB) R3983384-1 10/07/23 22:37

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Arsenic	5.00	J	4.40	10.0
Lead	U		2.99	6.00

Laboratory Control Sample (LCS)

(LCS) R3983384-2 10/07/23 22:40

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	1000	984	98.4	80.0-120	
Lead	1000	968	96.8	80.0-120	

L1662487-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1662487-01 10/07/23 22:43 • (MS) R3983384-4 10/07/23 22:48 • (MSD) R3983384-5 10/07/23 22:51

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	1000	U	1050	1060	105	106	1	75.0-125			1.02	20
Lead	1000	U	981	988	98.1	98.8	1	75.0-125			0.752	20

Method Blank (MB)

(MB) R3984800-2 10/08/23 10:42

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Gasoline Range Organics-NWTPH	48.4	J	31.6	100
(S) a,a,a-Trifluorotoluene(FID)	*109*			*78.0-120*

Laboratory Control Sample (LCS)

(LCS) R3984800-1 10/08/23 09:40

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Gasoline Range Organics-NWTPH	5500	4850	88.2	70.0-124	
(S) a,a,a-Trifluorotoluene(FID)			*114*	*78.0-120*	

Method Blank (MB)

(MB) R3984607-3 10/09/23 17:39

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0160	0.0400
1,1-Dichloroethene	U		0.0200	0.100
cis-1,2-Dichloroethene	U		0.0276	0.100
trans-1,2-Dichloroethene	U		0.0572	0.200
Ethylbenzene	U		0.0212	0.100
Tetrachloroethene	U		0.0280	0.100
Toluene	U		0.0500	0.200
Trichloroethene	U		0.0160	0.0400
1,2,4-Trimethylbenzene	U		0.0464	0.200
1,3,5-Trimethylbenzene	U		0.0432	0.200
Vinyl chloride	U		0.0273	0.100
Xylenes, Total	U		0.191	0.260
(S) Toluene-d8	*99.1*			*75.0-131*
(S) 4-Bromofluorobenzene	*87.9*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3984607-1 10/09/23 16:22 • (LCSD) R3984607-2 10/09/23 16:41

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	5.00	4.88	4.30	97.6	86.0	70.0-123			12.6	20
1,1-Dichloroethene	5.00	4.09	3.52	81.8	70.4	65.0-131			15.0	20
cis-1,2-Dichloroethene	5.00	4.73	4.07	94.6	81.4	73.0-125			15.0	20
trans-1,2-Dichloroethene	5.00	4.81	4.20	96.2	84.0	71.0-125			13.5	20
Ethylbenzene	5.00	4.73	4.22	94.6	84.4	74.0-126			11.4	20
Tetrachloroethene	5.00	5.13	4.32	103	86.4	70.0-136			17.1	20
Toluene	5.00	5.02	4.48	100	89.6	75.0-121			11.4	20
Trichloroethene	5.00	5.25	4.53	105	90.6	76.0-126			14.7	20
1,2,4-Trimethylbenzene	5.00	5.42	4.85	108	97.0	70.0-126			11.1	20
1,3,5-Trimethylbenzene	5.00	5.59	4.91	112	98.2	73.0-127			13.0	20
Vinyl chloride	5.00	4.71	4.20	94.2	84.0	63.0-134			11.4	20
Xylenes, Total	15.0	13.6	11.7	90.7	78.0	72.0-127			15.0	20
(S) Toluene-d8				*103*	*99.6*	*75.0-131*				
(S) 4-Bromofluorobenzene				*86.8*	*88.8*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*107*	*109*	*70.0-130*				

Method Blank (MB)

(MB) R3984925-3 10/10/23 00:23

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0160	0.0400
1,1-Dichloroethene	U		0.0200	0.100
cis-1,2-Dichloroethene	U		0.0276	0.100
trans-1,2-Dichloroethene	U		0.0572	0.200
Ethylbenzene	U		0.0212	0.100
Tetrachloroethene	U		0.0280	0.100
Toluene	U		0.0500	0.200
Trichloroethene	U		0.0160	0.0400
1,2,4-Trimethylbenzene	U		0.0464	0.200
1,3,5-Trimethylbenzene	U		0.0432	0.200
Vinyl chloride	U		0.0273	0.100
Xylenes, Total	U		0.191	0.260
(S) Toluene-d8	*100*			*75.0-131*
(S) 4-Bromofluorobenzene	*94.0*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*97.3*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3984925-1 10/09/23 22:35 • (LCSD) R3984925-2 10/09/23 22:57

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	5.00	5.79	5.71	116	114	70.0-123			1.39	20
1,1-Dichloroethene	5.00	5.35	5.18	107	104	65.0-131			3.23	20
cis-1,2-Dichloroethene	5.00	5.69	5.75	114	115	73.0-125			1.05	20
trans-1,2-Dichloroethene	5.00	5.68	5.38	114	108	71.0-125			5.42	20
Ethylbenzene	5.00	4.89	4.67	97.8	93.4	74.0-126			4.60	20
Tetrachloroethene	5.00	5.10	5.06	102	101	70.0-136			0.787	20
Toluene	5.00	5.11	4.89	102	97.8	75.0-121			4.40	20
Trichloroethene	5.00	5.95	5.98	119	120	76.0-126			0.503	20
1,2,4-Trimethylbenzene	5.00	4.40	4.50	88.0	90.0	70.0-126			2.25	20
1,3,5-Trimethylbenzene	5.00	4.52	4.71	90.4	94.2	73.0-127			4.12	20
Vinyl chloride	5.00	5.21	5.24	104	105	63.0-134			0.574	20
Xylenes, Total	15.0	14.3	14.6	95.3	97.3	72.0-127			2.08	20
(S) Toluene-d8				*95.9*	*93.9*	*75.0-131*				
(S) 4-Bromofluorobenzene				*96.6*	*97.5*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*108*	*107*	*70.0-130*				

Method Blank (MB)

(MB) R3983667-1 10/08/23 22:14

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Diesel Range Organics (DRO)	U		66.7	200
Residual Range Organics (RRO)	U		83.3	250
(S) o-Terphenyl	*110*			*52.0-156*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3983667-2 10/08/23 22:34 • (LCSD) R3983667-3 10/08/23 22:54

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Diesel Range Organics (DRO)	1500	1460	1420	97.3	94.7	50.0-150			2.78	20
(S) o-Terphenyl				*91.0*	*70.0*	*52.0-156*				

Method Blank (MB)

(MB) R3983708-1 10/09/23 05:11

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Diesel Range Organics (DRO)	U		66.7	200
Residual Range Organics (RRO)	U		83.3	250
(S) o-Terphenyl	*95.0*			*52.0-156*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3983708-2 10/09/23 05:32 • (LCSD) R3983708-3 10/09/23 05:52

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Diesel Range Organics (DRO)	1500	1250	1060	83.3	70.7	50.0-150			16.5	20
(S) o-Terphenyl				*74.0*	*62.5*	*52.0-156*				

Method Blank (MB)

(MB) R3982879-3 10/05/23 20:22

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Naphthalene	U		0.0917	0.250
1-Methylnaphthalene	U		0.0687	0.250
2-Methylnaphthalene	U		0.0674	0.250
(S) Nitrobenzene-d5	*123*			*31.0-160*
(S) 2-Fluorobiphenyl	*103*			*48.0-148*
(S) p-Terphenyl-d14	*102*			*37.0-146*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3982879-1 10/05/23 19:47 • (LCSD) R3982879-2 10/05/23 20:04

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Naphthalene	2.00	1.90	2.05	95.0	103	61.0-137			7.59	20
1-Methylnaphthalene	2.00	1.90	2.02	95.0	101	66.0-142			6.12	20
2-Methylnaphthalene	2.00	1.98	2.15	99.0	107	62.0-136			8.23	20
(S) Nitrobenzene-d5				*122*	*121*	*31.0-160*				
(S) 2-Fluorobiphenyl				*98.5*	*101*	*48.0-148*				
(S) p-Terphenyl-d14				*94.0*	*96.5*	*37.0-146*				

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
B	The same analyte is found in the associated blank.
J	The identification of the analyte is acceptable; the reported value is an estimate.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
Arcadis - Chevron - WA

1420 5th Ave
Unit 2400
Seattle. WA 98101

Billing Information:
Attn: Accounts Payable
630 Plaza Dr., Ste. 600
Highlands Ranch, CO 80129

Pres Chk

Report to:
Ada Hamilton

Email To:
Ada.Hamilton@arcadis.com;Sean.Parry@arcadi

Project Description:
211577

City/State Collected: **Seattle, WA**

Please Circle: (PT) MT CT ET

Phone: **206-325-5254**

Client Project #
30064319

Lab Project #
CHEVARCWA-211577

Collected by (print):
Jonah Davis

Site/Facility ID #
631 QUEEN ANNE AVE N,

P.O. #

Collected by (signature):
Immediately
Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

No. of Cntrs

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	HOLD-Diss Lead 6010 250mlHDPE-NoPres	NWTPHDX no SGT 40mlAmb-HCl-BT	NWTPHDX w/ SGT 40mlAmb-HCl-BT	NWTPHGX 40mlAmb HCl	Naph,1&2-MeNaph SIM 40mlAmb-NoPres-WT	PCBs 8082 100ml Amb-NoPres	Total As,Pb 6010 250mlHDPE-HNO3	VOCs 8260ULL* 40mlAmb-HCl	Remarks	Sample # (lab only)
TB-2-20230929	G	GW	—	09/29/23	0900	2				X				X		-01
EB-5-20230929		GW	—		1430	6				X				X		-02
DUP-5-20230929		GW	—		1200	13	X	X	X	X	X		X	X		-03
MW-27-W-20230929		GW	—		0820	13	X	X	X	X	X		X	X		-04
MW-33-W-20230929		GW	—		0851	13	X	X	X	X	X		X	X		-05
MW-35-W-20230929		GW	—		0933	13	X	X	X	X	X		X	X		-06
OTBMW-1-W-20230929		GW	—		1010	13	X	X	X	X	X		X	X		-07
MW-31-W-20230929		GW	—		1100	13	X	X	X	X	X		X	X		-08
MW-34-W-20230929		GW	—		1140	13	X	X	X	X	X		X	X		-09
MW-30-W-20230929		GW	—		1221	13	X	X	X	X	X		X	X		-10

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:*VOCs 8260ULL=BTEX,124TMB,135TMB,PCE,TCE,11-DCE,cis-12-DCE,tran-12-DCE,VC only.

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # MW141

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
	10/02/23	1530	Shipped Via FedEx	2	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: MW141 136	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 10-3-23 Time: 0900	Hold: Condition: NCF / OK

Chain of Custody Page 1 of 2

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # 166223
G045

Acctnum: **CHEVARCWA**
Template:**T237880**
Prelogin: **P1024491**
PM: **110 - Brian Ford**
PB:
Shipped Via:

Company Name/Address:
Arcadis - Chevron - WA

1420 5th Ave
Unit 2400
Seattle. WA 98101

Billing Information:
Attn: Accounts Payable
630 Plaza Dr., Ste. 600
Highlands Ranch, CO 80129

Pres Chk

Report to:
Ada Hamilton

Email To:
Ada.Hamilton@arcadis.com;Sean.Parry@arcadi

Project Description:
211577

City/State Collected: Seattle, WA

Please Circle: (PT) MT CT ET

Phone: **206-325-5254**

Client Project #
30064319

Lab Project #
CHEVARCWA-211577

Collected by (print):
Jonah Davis

Collected by (signature):

Immediately Packed on Ice N___ Y✓

Site/Facility ID #
631 QUEEN ANNE AVE N,

P.O. #

Quote #

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	HOLD-Diss Lead 6010 250mlHDPE-NoPres	NWTPHDX no SGT 40mlAmb-HCl-BT	NWTPHDX w/ SGT 40mlAmb-HCl-BT	NWTPHGX 40mlAmb HCl	Naph,1&2-MeNaph SIM 40mlAmb-NoPres-WT	PCBs 8082 100ml Amb-NoPres	Total As,Pb 6010 250mlHDPE-HNO3	VOCs 8260ULL* 40mlAmb-HCl			Remarks	Sample # (lab only)
MW-28-W-20230929	G	GW	—	09/29/23	1306	13	X	X	X	X	X		X	X				-11
MW-29-W-20230929	↓	GW	—	↓	1342	13	X	X	X	X	X	·	X	X				-12
		GW																
		GW																
		GW																
		GW																
		GW																
		GW																
		GW																
		GW																

Chain of Custody Page 2 of 3

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # 1662273

Table #

Acctnum: **CHEVARCWA**
Template:**T237880**
Prelogin: **P1024491**
PM: **110 - Brian Ford**
PB:

Shipped Via:

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:*VOCs 8260ULL=BTEX,124TMB,135TMB,PCE,TCE,11-DCE,cis-12-DCE,tran-12-DCE,VC only.

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # multi

Sample Receipt Checklist
COC Seal Present/Intact: __NP (Y) __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: ✓Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: (Y) __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: (Yes) / No HCL / MeoH TBR
	10/04/23	1530	Shipped Via Fed Ex	2
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: multi 136
				If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 10-3-23 Time: 9:00
				Hold: / Condition: NCF / (OK)

L1662273

Tracking Numbers	Temperature
6841 8345 5290	CCAB .870=.8
7019 5685 4965	4EAB 4.540=4.5

Name

Date

ANALYTICAL REPORT

October 21, 2023

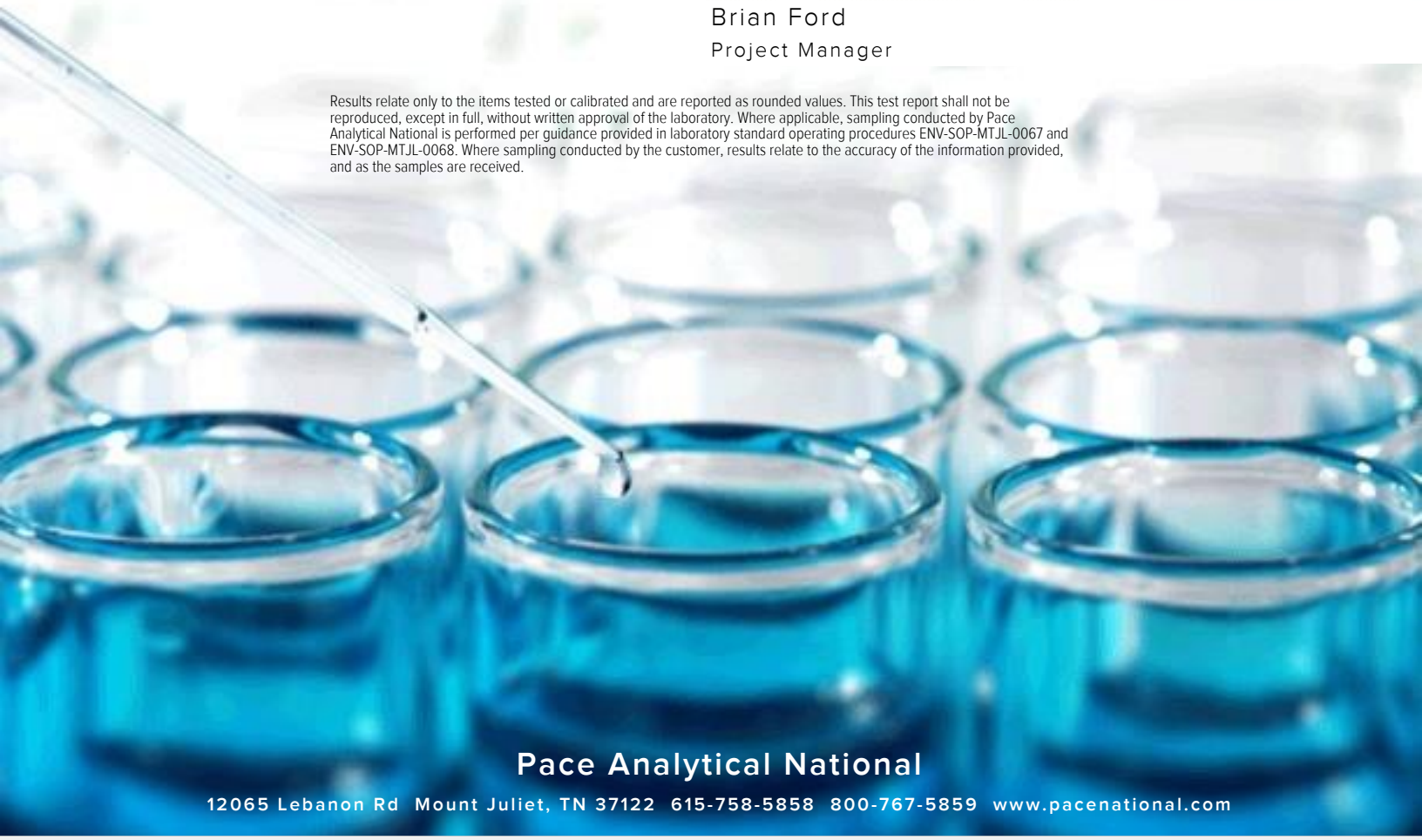
Arcadis - Chevron - WA

Sample Delivery Group:	L1661056
Samples Received:	09/29/2023
Project Number:	30064319
Description:	211577
Site:	631 QUEEN ANNE AVE N, SEATTLE
Report To:	Ada Hamilton 1420 5th Ave Unit 2400 Seattle, WA 98101

Entire Report Reviewed By:

Brian Ford

Project Manager



Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

TABLE OF CONTENTS

TB-1-20230925 L1661056-01 GW

Collected by: Jonah Davis | Collected date/time: 09/25/23 09:00 | Received date/time: 09/29/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2144253	1	10/03/23 23:58	10/03/23 23:58	KSD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2143506	1	10/02/23 20:34	10/02/23 20:34	JAH	Mt. Juliet, TN

MW-18-W-20230925 L1661056-02 GW

Collected by: Jonah Davis | Collected date/time: 09/25/23 12:05 | Received date/time: 09/29/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2147425	1	10/09/23 10:09	10/09/23 15:26	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2144253	1	10/04/23 08:38	10/04/23 08:38	KSD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2143506	1	10/02/23 20:53	10/02/23 20:53	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2143637	1	10/04/23 08:33	10/05/23 03:20	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2143638	1	10/04/23 08:37	10/05/23 03:20	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2142687	1	10/02/23 12:41	10/02/23 19:23	JCH	Mt. Juliet, TN

MW-46-W-20230925 L1661056-03 GW

Collected by: Jonah Davis | Collected date/time: 09/25/23 12:39 | Received date/time: 09/29/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2147425	1	10/09/23 10:09	10/09/23 15:15	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2144253	1	10/04/23 09:23	10/04/23 09:23	KSD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2143506	1	10/02/23 21:12	10/02/23 21:12	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2143637	1	10/04/23 08:33	10/05/23 03:40	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2143638	1	10/04/23 08:37	10/05/23 09:40	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2142687	1	10/02/23 12:41	10/02/23 19:41	JCH	Mt. Juliet, TN

QAAMW-1-W-20230925 L1661056-04 GW

Collected by: Jonah Davis | Collected date/time: 09/25/23 13:12 | Received date/time: 09/29/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2147425	1	10/09/23 10:09	10/09/23 15:28	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2144253	1	10/04/23 09:45	10/04/23 09:45	KSD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2143506	1	10/02/23 21:31	10/02/23 21:31	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2143637	1	10/04/23 08:33	10/05/23 04:01	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2143638	1	10/04/23 08:37	10/05/23 04:01	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2142687	1	10/02/23 12:41	10/02/23 19:59	JCH	Mt. Juliet, TN

MW-21-W-20230925 L1661056-05 GW

Collected by: Jonah Davis | Collected date/time: 09/25/23 13:45 | Received date/time: 09/29/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2147425	1	10/09/23 10:09	10/09/23 15:31	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2144253	1	10/04/23 10:07	10/04/23 10:07	KSD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2143506	1	10/02/23 21:50	10/02/23 21:50	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2143637	1	10/04/23 08:33	10/05/23 04:21	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2143638	1	10/04/23 08:37	10/05/23 04:21	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2142687	1	10/02/23 12:41	10/02/23 20:16	JCH	Mt. Juliet, TN

PESMW-1-W-20230925 L1661056-06 GW

Collected by: Jonah Davis | Collected date/time: 09/25/23 14:22 | Received date/time: 09/29/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2147425	1	10/09/23 10:09	10/09/23 15:34	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2144719	1	10/04/23 17:42	10/04/23 17:42	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2143506	1	10/02/23 22:10	10/02/23 22:10	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2143637	1	10/04/23 08:33	10/05/23 04:41	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2143638	1	10/04/23 08:37	10/05/23 10:00	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2142687	1	10/02/23 12:41	10/02/23 20:34	JCH	Mt. Juliet, TN

EB-1-20230925 L1661056-07 GW

Collected by: Jonah Davis | Collected date/time: 09/25/23 14:30 | Received date/time: 09/29/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2144719	1	10/04/23 18:04	10/04/23 18:04	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2143506	1	10/02/23 22:29	10/02/23 22:29	JAH	Mt. Juliet, TN

MW-36-W-20230926 L1661056-08 GW

Collected by: Jonah Davis | Collected date/time: 09/26/23 08:48 | Received date/time: 09/29/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2147425	1	10/09/23 10:09	10/09/23 15:42	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2146044	1	10/07/23 01:17	10/07/23 01:17	AV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2143506	1	10/02/23 22:48	10/02/23 22:48	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2143637	1	10/04/23 08:33	10/05/23 05:01	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2143638	1	10/04/23 08:37	10/05/23 10:20	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2142991	1	10/03/23 08:22	10/03/23 16:11	JCH	Mt. Juliet, TN

MW-37-W-20230926 L1661056-09 GW

Collected by: Jonah Davis | Collected date/time: 09/26/23 09:30 | Received date/time: 09/29/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2147425	1	10/09/23 10:09	10/09/23 15:45	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2153542	1	10/19/23 12:47	10/20/23 08:08	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2146044	1	10/07/23 01:39	10/07/23 01:39	AV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2143506	1	10/02/23 23:07	10/02/23 23:07	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2143637	1	10/04/23 08:33	10/05/23 05:21	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2143638	1	10/04/23 08:37	10/05/23 10:41	MAA	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG2146151	1	10/06/23 09:50	10/06/23 19:04	NWH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2142991	1	10/03/23 08:22	10/03/23 16:30	JCH	Mt. Juliet, TN

MW-38-W-20230926 L1661056-10 GW

Collected by: Jonah Davis | Collected date/time: 09/26/23 10:03 | Received date/time: 09/29/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2147425	1	10/09/23 10:09	10/09/23 15:47	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2146044	1	10/07/23 02:01	10/07/23 02:01	AV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2143506	1	10/02/23 23:26	10/02/23 23:26	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2143637	1	10/04/23 08:33	10/05/23 05:41	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2143638	1	10/04/23 08:37	10/05/23 11:01	MAA	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG2146151	1	10/06/23 09:50	10/06/23 19:16	NWH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2142991	1	10/03/23 08:22	10/03/23 16:50	JCH	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

MW-7-W-20230926 L1661056-11 GW

Collected by: Jonah Davis | Collected date/time: 09/26/23 10:40 | Received date/time: 09/29/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2147425	1	10/09/23 10:09	10/09/23 15:50	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2146044	1	10/07/23 02:23	10/07/23 02:23	AV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2143506	1	10/02/23 23:45	10/02/23 23:45	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2143637	1	10/04/23 08:33	10/05/23 06:02	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2143638	1	10/04/23 08:37	10/05/23 06:02	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2142991	1	10/03/23 08:22	10/03/23 17:10	JCH	Mt. Juliet, TN

MW-3A-W-20230926 L1661056-12 GW

Collected by: Jonah Davis | Collected date/time: 09/26/23 11:14 | Received date/time: 09/29/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2147425	1	10/09/23 10:09	10/09/23 15:53	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2146044	1	10/07/23 02:45	10/07/23 02:45	AV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2143506	1	10/03/23 00:04	10/03/23 00:04	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2143637	1	10/04/23 08:33	10/05/23 06:22	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2143638	1	10/04/23 08:37	10/05/23 11:22	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2142991	1	10/03/23 08:22	10/03/23 17:30	JCH	Mt. Juliet, TN

RW-3-W-20230926 L1661056-13 GW

Collected by: Jonah Davis | Collected date/time: 09/26/23 12:01 | Received date/time: 09/29/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2147425	1	10/09/23 10:09	10/09/23 15:55	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2146044	1	10/07/23 03:07	10/07/23 03:07	AV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2143506	1	10/03/23 00:23	10/03/23 00:23	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2143637	1	10/04/23 08:33	10/05/23 06:42	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2143638	1	10/04/23 08:37	10/05/23 11:42	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2142991	1	10/03/23 08:22	10/03/23 17:50	JCH	Mt. Juliet, TN

MW-4-W-20230926 L1661056-14 GW

Collected by: Jonah Davis | Collected date/time: 09/26/23 12:31 | Received date/time: 09/29/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2147425	1	10/09/23 10:09	10/09/23 15:58	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2149687	1	10/13/23 13:49	10/16/23 20:19	DJS	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2146044	1	10/07/23 03:29	10/07/23 03:29	AV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2143506	1	10/03/23 00:42	10/03/23 00:42	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2143637	1	10/04/23 08:33	10/05/23 07:02	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2143638	1	10/04/23 08:37	10/05/23 12:02	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2142991	1	10/03/23 08:22	10/03/23 18:10	JCH	Mt. Juliet, TN

DPE-4-W-20230926 L1661056-15 GW

Collected by: Jonah Davis | Collected date/time: 09/26/23 13:00 | Received date/time: 09/29/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2147425	1	10/09/23 10:09	10/09/23 16:01	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2146044	1	10/07/23 03:51	10/07/23 03:51	AV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2143506	1	10/03/23 01:01	10/03/23 01:01	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2146189	1	10/08/23 19:50	10/09/23 03:41	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2146190	1	10/08/23 19:52	10/09/23 20:32	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2142991	1	10/03/23 08:22	10/03/23 18:29	JCH	Mt. Juliet, TN

MW-25-W-20230926 L1661056-16 GW

Collected by: Jonah Davis | Collected date/time: 09/26/23 13:36 | Received date/time: 09/29/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2147425	1	10/09/23 10:09	10/09/23 16:04	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2149687	1	10/13/23 13:49	10/16/23 20:27	DJS	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2146719	1	10/07/23 01:01	10/07/23 01:01	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2147481	1	10/09/23 01:54	10/09/23 01:54	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2146189	1	10/08/23 19:50	10/10/23 00:14	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2146190	1	10/08/23 19:52	10/09/23 23:34	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2142991	1	10/03/23 08:22	10/03/23 19:09	JCH	Mt. Juliet, TN

MW-14-W-20230926 L1661056-17 GW

Collected by: Jonah Davis | Collected date/time: 09/26/23 14:13 | Received date/time: 09/29/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2147425	1	10/09/23 10:09	10/09/23 16:07	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2146719	1	10/07/23 01:24	10/07/23 01:24	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2147481	1	10/09/23 02:13	10/09/23 02:13	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2146189	1	10/08/23 19:50	10/09/23 04:01	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2146190	1	10/08/23 19:52	10/09/23 20:52	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2142991	1	10/03/23 08:22	10/03/23 18:49	JCH	Mt. Juliet, TN

DUP-1-W-20230926 L1661056-18 GW

Collected by: Jonah Davis | Collected date/time: 09/26/23 12:00 | Received date/time: 09/29/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2147425	1	10/09/23 10:09	10/09/23 16:15	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2149687	1	10/13/23 13:49	10/16/23 20:30	DJS	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2146719	1	10/07/23 01:46	10/07/23 01:46	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2147481	1	10/09/23 02:32	10/09/23 02:32	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2146189	1	10/08/23 19:50	10/10/23 00:34	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2146190	1	10/08/23 19:52	10/09/23 23:54	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2142991	1	10/03/23 08:22	10/03/23 19:29	JCH	Mt. Juliet, TN

EB-2-20230926 L1661056-19 GW

Collected by: Jonah Davis | Collected date/time: 09/26/23 14:30 | Received date/time: 09/29/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2146719	1	10/07/23 02:09	10/07/23 02:09	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2147481	1	10/09/23 02:51	10/09/23 02:51	JAH	Mt. Juliet, TN

MW-20-W-20230927 L1661056-20 GW

Collected by: Jonah Davis | Collected date/time: 09/27/23 08:47 | Received date/time: 09/29/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2147425	1	10/09/23 10:09	10/09/23 16:17	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2146054	1	10/06/23 15:04	10/06/23 15:04	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2147481	1	10/09/23 03:10	10/09/23 03:10	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2146189	1	10/08/23 19:50	10/09/23 04:21	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2146190	1	10/08/23 19:52	10/09/23 04:21	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2143616	1	10/03/23 13:49	10/04/23 03:00	DSH	Mt. Juliet, TN

MW-16-W-20230927 L1661056-21 GW

Collected by: Jonah Davis | Collected date/time: 09/27/23 09:20 | Received date/time: 09/29/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2147425	1	10/09/23 10:09	10/09/23 16:20	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2146054	1	10/06/23 15:26	10/06/23 15:26	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2147481	1	10/09/23 03:29	10/09/23 03:29	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2146189	1	10/08/23 19:50	10/09/23 04:41	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2146190	1	10/08/23 19:52	10/09/23 04:41	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2144877	1	10/04/23 16:32	10/05/23 01:59	MBE	Mt. Juliet, TN

MW-11A-W-20230927 L1661056-22 GW

Collected by: Jonah Davis | Collected date/time: 09/27/23 09:50 | Received date/time: 09/29/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2147425	1	10/09/23 10:09	10/09/23 16:23	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2146054	1	10/06/23 15:48	10/06/23 15:48	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2147481	1	10/09/23 03:48	10/09/23 03:48	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2146189	1	10/08/23 19:50	10/09/23 05:01	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2146190	1	10/08/23 19:52	10/09/23 05:01	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2143616	1	10/03/23 13:49	10/04/23 03:39	DSH	Mt. Juliet, TN

MW-17-W-20230927 L1661056-23 GW

Collected by: Jonah Davis | Collected date/time: 09/27/23 10:22 | Received date/time: 09/29/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2147425	1	10/09/23 10:09	10/09/23 16:25	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2146054	1	10/06/23 16:11	10/06/23 16:11	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2147481	1	10/09/23 04:07	10/09/23 04:07	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2146189	1	10/08/23 19:50	10/09/23 05:21	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2146190	1	10/08/23 19:52	10/09/23 21:12	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2143616	1	10/03/23 13:49	10/04/23 03:59	DSH	Mt. Juliet, TN

DPE-3-W-20230927 L1661056-24 GW

Collected by: Jonah Davis | Collected date/time: 09/27/23 10:58 | Received date/time: 09/29/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2142466	1	10/06/23 10:23	10/07/23 20:52	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2149687	1	10/13/23 13:49	10/16/23 20:33	DJS	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2146054	1	10/06/23 16:33	10/06/23 16:33	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2147481	1	10/09/23 04:26	10/09/23 04:26	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2146189	1	10/08/23 19:50	10/09/23 05:42	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2146190	1	10/08/23 19:52	10/09/23 21:33	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2143616	1	10/03/23 13:49	10/04/23 04:18	DSH	Mt. Juliet, TN

DPE-9-W-20230927 L1661056-25 GW

Collected by: Jonah Davis | Collected date/time: 09/27/23 11:35 | Received date/time: 09/29/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2142466	1	10/06/23 10:23	10/07/23 20:55	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2149687	1	10/13/23 13:49	10/16/23 20:36	DJS	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2146054	1	10/06/23 16:56	10/06/23 16:56	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2147481	1	10/09/23 04:45	10/09/23 04:45	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2146189	1	10/08/23 19:50	10/09/23 06:02	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2146190	1	10/08/23 19:52	10/09/23 06:02	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2143616	1	10/03/23 13:49	10/04/23 04:38	DSH	Mt. Juliet, TN

MW-15-W-20230927 L1661056-26 GW

Collected by: Jonah Davis | Collected date/time: 09/27/23 12:36 | Received date/time: 09/29/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2142466	1	10/06/23 10:23	10/07/23 20:58	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2146054	1	10/06/23 17:19	10/06/23 17:19	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2147481	1	10/09/23 05:04	10/09/23 05:04	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2146189	1	10/08/23 19:50	10/09/23 06:22	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2146190	1	10/08/23 19:52	10/09/23 21:53	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2143616	1	10/03/23 13:49	10/04/23 04:58	DSH	Mt. Juliet, TN

MW-26-W-20230927 L1661056-27 GW

Collected by: Jonah Davis | Collected date/time: 09/27/23 13:09 | Received date/time: 09/29/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2142466	1	10/06/23 10:23	10/07/23 20:15	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2146054	1	10/06/23 17:41	10/06/23 17:41	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2147481	1	10/09/23 05:24	10/09/23 05:24	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2146189	1	10/08/23 19:50	10/09/23 08:43	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2146190	1	10/08/23 19:52	10/09/23 08:43	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2143616	1	10/03/23 13:49	10/04/23 05:17	DSH	Mt. Juliet, TN

OTBMW-2-W-20230927 L1661056-28 GW

Collected by: Jonah Davis | Collected date/time: 09/27/23 13:49 | Received date/time: 09/29/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2142466	1	10/06/23 10:23	10/07/23 21:01	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2146054	1	10/06/23 18:04	10/06/23 18:04	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2147481	1	10/09/23 05:43	10/09/23 05:43	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2146189	1	10/08/23 19:50	10/09/23 19:32	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2146190	1	10/08/23 19:52	10/09/23 19:52	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2144432	1	10/04/23 08:39	10/04/23 19:55	DLH	Mt. Juliet, TN

MW-32-W-20230927 L1661056-29 GW

Collected by: Jonah Davis | Collected date/time: 09/27/23 14:24 | Received date/time: 09/29/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2142466	1	10/06/23 10:23	10/07/23 21:04	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2146054	1	10/06/23 18:27	10/06/23 18:27	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2147481	1	10/09/23 06:02	10/09/23 06:02	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2146189	1	10/08/23 19:50	10/09/23 07:02	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2146190	1	10/08/23 19:52	10/09/23 07:02	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2143616	1	10/03/23 13:49	10/04/23 05:37	DSH	Mt. Juliet, TN

DUP-2-W-20230927 L1661056-30 GW

Collected by: Jonah Davis | Collected date/time: 09/27/23 12:00 | Received date/time: 09/29/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2142466	1	10/06/23 10:23	10/07/23 21:07	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2146054	1	10/06/23 18:49	10/06/23 18:49	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2147481	1	10/09/23 06:21	10/09/23 06:21	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2146189	1	10/08/23 19:50	10/09/23 07:22	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2146190	1	10/08/23 19:52	10/09/23 22:13	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2143616	1	10/03/23 13:49	10/04/23 05:57	DSH	Mt. Juliet, TN

EB-3-20230927 L1661056-31 GW

Collected by: Jonah Davis | Collected date/time: 09/27/23 14:45 | Received date/time: 09/29/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2146054	1	10/06/23 19:12	10/06/23 19:12	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2147481	1	10/09/23 06:40	10/09/23 06:40	JAH	Mt. Juliet, TN

MW-342-W-20230928 L1661056-32 GW

Collected by: Jonah Davis | Collected date/time: 09/28/23 08:44 | Received date/time: 09/29/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2142466	1	10/06/23 10:23	10/07/23 21:09	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2146117	1	10/07/23 12:04	10/07/23 12:04	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2147481	1	10/09/23 06:59	10/09/23 06:59	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2146189	1	10/08/23 19:50	10/09/23 07:42	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2146190	1	10/08/23 19:52	10/09/23 07:42	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2143653	1	10/04/23 21:37	10/05/23 15:29	DLH	Mt. Juliet, TN

MW-343-W-20230928 L1661056-33 GW

Collected by: Jonah Davis | Collected date/time: 09/28/23 09:11 | Received date/time: 09/29/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2142466	1	10/06/23 10:23	10/07/23 21:18	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2146117	1	10/07/23 12:27	10/07/23 12:27	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2147481	1	10/09/23 07:18	10/09/23 07:18	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2146189	1	10/08/23 19:50	10/09/23 08:03	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2146190	1	10/08/23 19:52	10/09/23 08:03	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2143653	1	10/04/23 21:37	10/05/23 15:47	DLH	Mt. Juliet, TN

MW-22-W-20230928 L1661056-34 GW

Collected by: Jonah Davis | Collected date/time: 09/28/23 09:59 | Received date/time: 09/29/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2142466	1	10/06/23 10:23	10/07/23 20:26	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2146117	1	10/07/23 12:50	10/07/23 12:50	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2147481	1	10/09/23 07:37	10/09/23 07:37	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2146189	1	10/08/23 19:50	10/09/23 09:43	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2146190	1	10/08/23 19:52	10/09/23 22:33	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2143653	1	10/04/23 21:37	10/05/23 16:05	DLH	Mt. Juliet, TN

MW-10-W-20230928 L1661056-35 GW

Collected by: Jonah Davis | Collected date/time: 09/28/23 13:26 | Received date/time: 09/29/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2142466	1	10/06/23 10:23	10/07/23 21:21	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2146117	1	10/07/23 13:13	10/07/23 13:13	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2147481	1	10/09/23 07:56	10/09/23 07:56	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2146189	1	10/08/23 19:50	10/09/23 08:23	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2146190	1	10/08/23 19:52	10/09/23 08:23	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2143653	1	10/04/23 21:37	10/05/23 16:58	DLH	Mt. Juliet, TN

SS1-W1-W-20230928 L1661056-36 GW

Collected by: Jonah Davis | Collected date/time: 09/28/23 14:04 | Received date/time: 09/29/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2142466	1	10/06/23 10:23	10/07/23 21:24	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2146117	1	10/07/23 13:35	10/07/23 13:35	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2148050	1	10/09/23 20:17	10/09/23 20:17	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2146191	1	10/08/23 13:56	10/08/23 23:15	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2146192	1	10/08/23 15:08	10/08/23 23:15	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2143653	1	10/04/23 21:37	10/05/23 17:16	DLH	Mt. Juliet, TN

DUP-3-W-20230928 L1661056-37 GW

Collected by: Jonah Davis | Collected date/time: 09/28/23 12:00 | Received date/time: 09/29/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2142466	1	10/06/23 10:23	10/07/23 21:27	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2146117	1	10/07/23 13:58	10/07/23 13:58	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2148050	1	10/09/23 20:36	10/09/23 20:36	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2146191	1	10/08/23 13:56	10/08/23 23:35	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2146192	1	10/08/23 15:08	10/08/23 23:35	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2143653	1	10/04/23 21:37	10/05/23 17:33	DLH	Mt. Juliet, TN

DUP-4-W-20230928 L1661056-38 GW

Collected by: Jonah Davis | Collected date/time: 09/28/23 13:00 | Received date/time: 09/29/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2142466	1	10/06/23 10:23	10/07/23 21:29	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2146117	1	10/07/23 14:20	10/07/23 14:20	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2148050	1	10/09/23 20:56	10/09/23 20:56	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2146191	1	10/08/23 13:56	10/08/23 23:55	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2146192	1	10/08/23 15:08	10/08/23 23:55	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2143653	1	10/04/23 21:37	10/05/23 17:51	DLH	Mt. Juliet, TN

EB-4-20230928 L1661056-39 GW

Collected by: Jonah Davis | Collected date/time: 09/28/23 14:30 | Received date/time: 09/29/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2146117	1	10/07/23 14:43	10/07/23 14:43	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2148050	1	10/09/23 21:15	10/09/23 21:15	JAH	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Brian Ford
Project Manager

Sample Delivery Group (SDG) Narrative

pH outside of method requirement.

Lab Sample ID	Project Sample ID	Method
L1661056-15	DPE-4-W-20230926	NWTPHDX-NO SGT, NWTPHDX-SGT
L1661056-20	MW-20-W-20230927	NWTPHDX-NO SGT, NWTPHDX-SGT

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	U		31.6	100	1	10/03/2023 23:58	WG2144253
(S) a,a,a-Trifluorotoluene(FID)	*104*			*78.0-120*		*10/03/2023 23:58*	WG2144253

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0160	0.0400	1	10/02/2023 20:34	WG2143506
1,1-Dichloroethene	U		0.0200	0.100	1	10/02/2023 20:34	WG2143506
cis-1,2-Dichloroethene	U		0.0276	0.100	1	10/02/2023 20:34	WG2143506
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/02/2023 20:34	WG2143506
Ethylbenzene	U		0.0212	0.100	1	10/02/2023 20:34	WG2143506
Tetrachloroethene	U		0.0280	0.100	1	10/02/2023 20:34	WG2143506
Toluene	0.171	J	0.0500	0.200	1	10/02/2023 20:34	WG2143506
Trichloroethene	U		0.0160	0.0400	1	10/02/2023 20:34	WG2143506
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	10/02/2023 20:34	WG2143506
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/02/2023 20:34	WG2143506
Vinyl chloride	U		0.0273	0.100	1	10/02/2023 20:34	WG2143506
Xylenes, Total	0.191	J	0.191	0.260	1	10/02/2023 20:34	WG2143506
(S) Toluene-d8	*101*			*75.0-131*		*10/02/2023 20:34*	WG2143506
(S) 4-Bromofluorobenzene	*93.9*			*67.0-138*		*10/02/2023 20:34*	WG2143506
(S) 1,2-Dichloroethane-d4	*113*			*70.0-130*		*10/02/2023 20:34*	WG2143506

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Arsenic	10.1		4.40	10.0	1	10/09/2023 15:26	WG2147425
Lead	U		2.99	6.00	1	10/09/2023 15:26	WG2147425

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	364		31.6	100	1	10/04/2023 08:38	WG2144253
(S) a,a,a-Trifluorotoluene(FID)	*81.7*			*78.0-120*		*10/04/2023 08:38*	WG2144253

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	2.78		0.0160	0.0400	1	10/02/2023 20:53	WG2143506
1,1-Dichloroethene	0.109		0.0200	0.100	1	10/02/2023 20:53	WG2143506
cis-1,2-Dichloroethene	19.3		0.0276	0.100	1	10/02/2023 20:53	WG2143506
trans-1,2-Dichloroethene	0.149	J	0.0572	0.200	1	10/02/2023 20:53	WG2143506
Ethylbenzene	0.116		0.0212	0.100	1	10/02/2023 20:53	WG2143506
Tetrachloroethene	60.1		0.0280	0.100	1	10/02/2023 20:53	WG2143506
Toluene	0.317		0.0500	0.200	1	10/02/2023 20:53	WG2143506
Trichloroethene	56.5		0.0160	0.0400	1	10/02/2023 20:53	WG2143506
1,2,4-Trimethylbenzene	0.0820	J	0.0464	0.200	1	10/02/2023 20:53	WG2143506
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/02/2023 20:53	WG2143506
Vinyl chloride	0.101		0.0273	0.100	1	10/02/2023 20:53	WG2143506
Xylenes, Total	0.662		0.191	0.260	1	10/02/2023 20:53	WG2143506
(S) Toluene-d8	*97.4*			*75.0-131*		*10/02/2023 20:53*	WG2143506
(S) 4-Bromofluorobenzene	*93.5*			*67.0-138*		*10/02/2023 20:53*	WG2143506
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*10/02/2023 20:53*	WG2143506

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	148	J	66.7	200	1	10/05/2023 03:20	WG2143637
Residual Range Organics (RRO)	U		83.3	250	1	10/05/2023 03:20	WG2143637
(S) o-Terphenyl	*184*	J1		*52.0-156*		*10/05/2023 03:20*	WG2143637

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	148	J	66.7	200	1	10/05/2023 03:20	WG2143638
Residual Range Organics (RRO)	U		83.3	250	1	10/05/2023 03:20	WG2143638
(S) o-Terphenyl	*184*	J1		*52.0-156*		*10/05/2023 03:20*	WG2143638

Sample Narrative:

L1661056-02 WG2143638: Reporting from non-silica gel data due to non-detect to the RDL.

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Naphthalene	0.236	J	0.0917	0.250	1	10/02/2023 19:23	WG2142687
1-Methylnaphthalene	U		0.0687	0.250	1	10/02/2023 19:23	WG2142687
2-Methylnaphthalene	U		0.0674	0.250	1	10/02/2023 19:23	WG2142687
(S) Nitrobenzene-d5	*117*			*31.0-160*		*10/02/2023 19:23*	WG2142687

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
(S) 2-Fluorobiphenyl	*79.5*			*48.0-148*		*10/02/2023 19:23*	WG2142687
(S) p-Terphenyl-d14	*87.4*			*37.0-146*		*10/02/2023 19:23*	WG2142687

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Arsenic	U		4.40	10.0	1	10/09/2023 15:15	WG2147425
Lead	U		2.99	6.00	1	10/09/2023 15:15	WG2147425

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	286		31.6	100	1	10/04/2023 09:23	WG2144253
(S) a,a,a-Trifluorotoluene(FID)	*100*			*78.0-120*		*10/04/2023 09:23*	WG2144253

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	1.01		0.0160	0.0400	1	10/02/2023 21:12	WG2143506
1,1-Dichloroethene	0.154		0.0200	0.100	1	10/02/2023 21:12	WG2143506
cis-1,2-Dichloroethene	48.5		0.0276	0.100	1	10/02/2023 21:12	WG2143506
trans-1,2-Dichloroethene	0.273		0.0572	0.200	1	10/02/2023 21:12	WG2143506
Ethylbenzene	U		0.0212	0.100	1	10/02/2023 21:12	WG2143506
Tetrachloroethene	12.1		0.0280	0.100	1	10/02/2023 21:12	WG2143506
Toluene	0.161	J	0.0500	0.200	1	10/02/2023 21:12	WG2143506
Trichloroethene	9.54		0.0160	0.0400	1	10/02/2023 21:12	WG2143506
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	10/02/2023 21:12	WG2143506
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/02/2023 21:12	WG2143506
Vinyl chloride	0.322		0.0273	0.100	1	10/02/2023 21:12	WG2143506
Xylenes, Total	0.401		0.191	0.260	1	10/02/2023 21:12	WG2143506
(S) Toluene-d8	*97.5*			*75.0-131*		*10/02/2023 21:12*	WG2143506
(S) 4-Bromofluorobenzene	*95.1*			*67.0-138*		*10/02/2023 21:12*	WG2143506
(S) 1,2-Dichloroethane-d4	*111*			*70.0-130*		*10/02/2023 21:12*	WG2143506

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	243		66.7	200	1	10/05/2023 03:40	WG2143637
Residual Range Organics (RRO)	131	J	83.3	250	1	10/05/2023 03:40	WG2143637
(S) o-Terphenyl	*91.1*			*52.0-156*		*10/05/2023 03:40*	WG2143637

Sample Narrative:

L1661056-03 WG2143637: Sample does not resemble laboratory standards.

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	346	B	66.7	200	1	10/05/2023 09:40	WG2143638
Residual Range Organics (RRO)	561	B	83.3	250	1	10/05/2023 09:40	WG2143638
(S) o-Terphenyl	*63.2*			*52.0-156*		*10/05/2023 09:40*	WG2143638

Sample Narrative:

L1661056-03 WG2143638: Sample does not resemble laboratory standards.

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Naphthalene	0.129	J	0.0917	0.250	1	10/02/2023 19:41	WG2142687
1-Methylnaphthalene	U		0.0687	0.250	1	10/02/2023 19:41	WG2142687
2-Methylnaphthalene	U		0.0674	0.250	1	10/02/2023 19:41	WG2142687
(S) Nitrobenzene-d5	*117*			*31.0-160*		*10/02/2023 19:41*	WG2142687
(S) 2-Fluorobiphenyl	*79.5*			*48.0-148*		*10/02/2023 19:41*	WG2142687
(S) p-Terphenyl-d14	*85.8*			*37.0-146*		*10/02/2023 19:41*	WG2142687

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Arsenic	U		4.40	10.0	1	10/09/2023 15:28	WG2147425
Lead	U		2.99	6.00	1	10/09/2023 15:28	WG2147425

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	196		31.6	100	1	10/04/2023 09:45	WG2144253
(S) a,a,a-Trifluorotoluene(FID)	*100*			*78.0-120*		*10/04/2023 09:45*	WG2144253

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	0.225		0.0160	0.0400	1	10/02/2023 21:31	WG2143506
1,1-Dichloroethene	0.380		0.0200	0.100	1	10/02/2023 21:31	WG2143506
cis-1,2-Dichloroethene	59.5		0.0276	0.100	1	10/02/2023 21:31	WG2143506
trans-1,2-Dichloroethene	0.603		0.0572	0.200	1	10/02/2023 21:31	WG2143506
Ethylbenzene	0.0690	J	0.0212	0.100	1	10/02/2023 21:31	WG2143506
Tetrachloroethene	38.1		0.0280	0.100	1	10/02/2023 21:31	WG2143506
Toluene	0.217		0.0500	0.200	1	10/02/2023 21:31	WG2143506
Trichloroethene	24.4		0.0160	0.0400	1	10/02/2023 21:31	WG2143506
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	10/02/2023 21:31	WG2143506
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/02/2023 21:31	WG2143506
Vinyl chloride	0.121		0.0273	0.100	1	10/02/2023 21:31	WG2143506
Xylenes, Total	0.471		0.191	0.260	1	10/02/2023 21:31	WG2143506
(S) Toluene-d8	*97.3*			*75.0-131*		*10/02/2023 21:31*	WG2143506
(S) 4-Bromofluorobenzene	*91.6*			*67.0-138*		*10/02/2023 21:31*	WG2143506
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*10/02/2023 21:31*	WG2143506

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	164	J	66.7	200	1	10/05/2023 04:01	WG2143637
Residual Range Organics (RRO)	105	J	83.3	250	1	10/05/2023 04:01	WG2143637
(S) o-Terphenyl	*96.3*			*52.0-156*		*10/05/2023 04:01*	WG2143637

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	164	J	66.7	200	1	10/05/2023 04:01	WG2143638
Residual Range Organics (RRO)	105	J	83.3	250	1	10/05/2023 04:01	WG2143638
(S) o-Terphenyl	*96.3*			*52.0-156*		*10/05/2023 04:01*	WG2143638

Sample Narrative:

L1661056-04 WG2143638: Reporting from non-silica gel data due to non-detect to the RDL.

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Naphthalene	0.124	J	0.0917	0.250	1	10/02/2023 19:59	WG2142687
1-Methylnaphthalene	U		0.0687	0.250	1	10/02/2023 19:59	WG2142687
2-Methylnaphthalene	U		0.0674	0.250	1	10/02/2023 19:59	WG2142687
(S) Nitrobenzene-d5	*104*			*31.0-160*		*10/02/2023 19:59*	WG2142687

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
(S) 2-Fluorobiphenyl	*84.7*			*48.0-148*		*10/02/2023 19:59*	WG2142687
(S) p-Terphenyl-d14	*88.4*			*37.0-146*		*10/02/2023 19:59*	WG2142687

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Arsenic	4.56	J	4.40	10.0	1	10/09/2023 15:31	WG2147425
Lead	U		2.99	6.00	1	10/09/2023 15:31	WG2147425

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	422		31.6	100	1	10/04/2023 10:07	WG2144253
(S) a,a,a-Trifluorotoluene(FID)	*95.1*			*78.0-120*		*10/04/2023 10:07*	WG2144253

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	21.4		0.0160	0.0400	1	10/02/2023 21:50	WG2143506
1,1-Dichloroethene	0.299		0.0200	0.100	1	10/02/2023 21:50	WG2143506
cis-1,2-Dichloroethene	63.1		0.0276	0.100	1	10/02/2023 21:50	WG2143506
trans-1,2-Dichloroethene	0.348		0.0572	0.200	1	10/02/2023 21:50	WG2143506
Ethylbenzene	0.0820	J	0.0212	0.100	1	10/02/2023 21:50	WG2143506
Tetrachloroethene	10.1		0.0280	0.100	1	10/02/2023 21:50	WG2143506
Toluene	0.237		0.0500	0.200	1	10/02/2023 21:50	WG2143506
Trichloroethene	19.7		0.0160	0.0400	1	10/02/2023 21:50	WG2143506
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	10/02/2023 21:50	WG2143506
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/02/2023 21:50	WG2143506
Vinyl chloride	0.785		0.0273	0.100	1	10/02/2023 21:50	WG2143506
Xylenes, Total	0.560		0.191	0.260	1	10/02/2023 21:50	WG2143506
(S) Toluene-d8	*100*			*75.0-131*		*10/02/2023 21:50*	WG2143506
(S) 4-Bromofluorobenzene	*94.6*			*67.0-138*		*10/02/2023 21:50*	WG2143506
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*10/02/2023 21:50*	WG2143506

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	164	J	66.7	200	1	10/05/2023 04:21	WG2143637
Residual Range Organics (RRO)	94.2	J	83.3	250	1	10/05/2023 04:21	WG2143637
(S) o-Terphenyl	*87.9*			*52.0-156*		*10/05/2023 04:21*	WG2143637

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	164	J	66.7	200	1	10/05/2023 04:21	WG2143638
Residual Range Organics (RRO)	94.2	J	83.3	250	1	10/05/2023 04:21	WG2143638
(S) o-Terphenyl	*87.9*			*52.0-156*		*10/05/2023 04:21*	WG2143638

Sample Narrative:

L1661056-05 WG2143638: Reporting from non-silica gel data due to non-detect to the RDL.

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Naphthalene	U		0.0917	0.250	1	10/02/2023 20:16	WG2142687
1-Methylnaphthalene	U		0.0687	0.250	1	10/02/2023 20:16	WG2142687
2-Methylnaphthalene	U		0.0674	0.250	1	10/02/2023 20:16	WG2142687
(S) Nitrobenzene-d5	*105*			*31.0-160*		*10/02/2023 20:16*	WG2142687

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
(S) 2-Fluorobiphenyl	*67.9*			*48.0-148*		*10/02/2023 20:16*	WG2142687
(S) p-Terphenyl-d14	*107*			*37.0-146*		*10/02/2023 20:16*	WG2142687

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Arsenic	9.32	J	4.40	10.0	1	10/09/2023 15:34	WG2147425
Lead	U		2.99	6.00	1	10/09/2023 15:34	WG2147425

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	U		31.6	100	1	10/04/2023 17:42	WG2144719
(S) a,a,a-Trifluorotoluene(FID)	*104*			*78.0-120*		*10/04/2023 17:42*	WG2144719

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0160	0.0400	1	10/02/2023 22:10	WG2143506
1,1-Dichloroethene	U		0.0200	0.100	1	10/02/2023 22:10	WG2143506
cis-1,2-Dichloroethene	U		0.0276	0.100	1	10/02/2023 22:10	WG2143506
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/02/2023 22:10	WG2143506
Ethylbenzene	0.0620	J	0.0212	0.100	1	10/02/2023 22:10	WG2143506
Tetrachloroethene	U		0.0280	0.100	1	10/02/2023 22:10	WG2143506
Toluene	0.183	J	0.0500	0.200	1	10/02/2023 22:10	WG2143506
Trichloroethene	U		0.0160	0.0400	1	10/02/2023 22:10	WG2143506
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	10/02/2023 22:10	WG2143506
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/02/2023 22:10	WG2143506
Vinyl chloride	U		0.0273	0.100	1	10/02/2023 22:10	WG2143506
Xylenes, Total	0.367		0.191	0.260	1	10/02/2023 22:10	WG2143506
(S) Toluene-d8	*99.0*			*75.0-131*		*10/02/2023 22:10*	WG2143506
(S) 4-Bromofluorobenzene	*93.6*			*67.0-138*		*10/02/2023 22:10*	WG2143506
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*10/02/2023 22:10*	WG2143506

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	266		66.7	200	1	10/05/2023 04:41	WG2143637
Residual Range Organics (RRO)	185	J	83.3	250	1	10/05/2023 04:41	WG2143637
(S) o-Terphenyl	*90.5*			*52.0-156*		*10/05/2023 04:41*	WG2143637

Sample Narrative:

L1661056-06 WG2143637: Sample resembles laboratory standard for Hydraulic Fluid.

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	342	B	66.7	200	1	10/05/2023 10:00	WG2143638
Residual Range Organics (RRO)	761	B	83.3	250	1	10/05/2023 10:00	WG2143638
(S) o-Terphenyl	*90.0*			*52.0-156*		*10/05/2023 10:00*	WG2143638

Sample Narrative:

L1661056-06 WG2143638: Sample does not resemble laboratory standards.

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Naphthalene	U		0.0917	0.250	1	10/02/2023 20:34	WG2142687
1-Methylnaphthalene	U		0.0687	0.250	1	10/02/2023 20:34	WG2142687
2-Methylnaphthalene	U		0.0674	0.250	1	10/02/2023 20:34	WG2142687
(S) Nitrobenzene-d5	*102*			*31.0-160*		*10/02/2023 20:34*	WG2142687
(S) 2-Fluorobiphenyl	*82.6*			*48.0-148*		*10/02/2023 20:34*	WG2142687
(S) p-Terphenyl-d14	*86.8*			*37.0-146*		*10/02/2023 20:34*	WG2142687

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	U		31.6	100	1	10/04/2023 18:04	WG2144719
(S) a,a,a-Trifluorotoluene(FID)	*109*			*78.0-120*		*10/04/2023 18:04*	WG2144719

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0160	0.0400	1	10/02/2023 22:29	WG2143506
1,1-Dichloroethene	U		0.0200	0.100	1	10/02/2023 22:29	WG2143506
cis-1,2-Dichloroethene	U		0.0276	0.100	1	10/02/2023 22:29	WG2143506
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/02/2023 22:29	WG2143506
Ethylbenzene	0.0380	J	0.0212	0.100	1	10/02/2023 22:29	WG2143506
Tetrachloroethene	U		0.0280	0.100	1	10/02/2023 22:29	WG2143506
Toluene	0.0520	J	0.0500	0.200	1	10/02/2023 22:29	WG2143506
Trichloroethene	U		0.0160	0.0400	1	10/02/2023 22:29	WG2143506
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	10/02/2023 22:29	WG2143506
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/02/2023 22:29	WG2143506
Vinyl chloride	U		0.0273	0.100	1	10/02/2023 22:29	WG2143506
Xylenes, Total	0.354		0.191	0.260	1	10/02/2023 22:29	WG2143506
(S) Toluene-d8	*97.6*			*75.0-131*		*10/02/2023 22:29*	WG2143506
(S) 4-Bromofluorobenzene	*92.3*			*67.0-138*		*10/02/2023 22:29*	WG2143506
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*10/02/2023 22:29*	WG2143506

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Arsenic	U		4.40	10.0	1	10/09/2023 15:42	WG2147425
Lead	U		2.99	6.00	1	10/09/2023 15:42	WG2147425

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	U		31.6	100	1	10/07/2023 01:17	WG2146044
(S) a,a,a-Trifluorotoluene(FID)	*104*			*78.0-120*		*10/07/2023 01:17*	WG2146044

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	0.133		0.0160	0.0400	1	10/02/2023 22:48	WG2143506
1,1-Dichloroethene	U		0.0200	0.100	1	10/02/2023 22:48	WG2143506
cis-1,2-Dichloroethene	U		0.0276	0.100	1	10/02/2023 22:48	WG2143506
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/02/2023 22:48	WG2143506
Ethylbenzene	0.0710	J	0.0212	0.100	1	10/02/2023 22:48	WG2143506
Tetrachloroethene	U		0.0280	0.100	1	10/02/2023 22:48	WG2143506
Toluene	0.178	J	0.0500	0.200	1	10/02/2023 22:48	WG2143506
Trichloroethene	U		0.0160	0.0400	1	10/02/2023 22:48	WG2143506
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	10/02/2023 22:48	WG2143506
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/02/2023 22:48	WG2143506
Vinyl chloride	U		0.0273	0.100	1	10/02/2023 22:48	WG2143506
Xylenes, Total	0.384		0.191	0.260	1	10/02/2023 22:48	WG2143506
(S) Toluene-d8	*99.1*			*75.0-131*		*10/02/2023 22:48*	WG2143506
(S) 4-Bromofluorobenzene	*95.6*			*67.0-138*		*10/02/2023 22:48*	WG2143506
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*10/02/2023 22:48*	WG2143506

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	313		66.7	200	1	10/05/2023 05:01	WG2143637
Residual Range Organics (RRO)	242	J	83.3	250	1	10/05/2023 05:01	WG2143637
(S) o-Terphenyl	*91.6*			*52.0-156*		*10/05/2023 05:01*	WG2143637

Sample Narrative:

L1661056-08 WG2143637: Sample resembles laboratory standard for Hydraulic Fluid.

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	124	B J	66.7	200	1	10/05/2023 10:20	WG2143638
Residual Range Organics (RRO)	273	B	83.3	250	1	10/05/2023 10:20	WG2143638
(S) o-Terphenyl	*62.1*			*52.0-156*		*10/05/2023 10:20*	WG2143638

Sample Narrative:

L1661056-08 WG2143638: Sample does not resemble laboratory standards.

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Naphthalene	U		0.0917	0.250	1	10/03/2023 16:11	WG2142991
1-Methylnaphthalene	U		0.0687	0.250	1	10/03/2023 16:11	WG2142991
2-Methylnaphthalene	U		0.0674	0.250	1	10/03/2023 16:11	WG2142991
(S) Nitrobenzene-d5	*88.9*			*31.0-160*		*10/03/2023 16:11*	WG2142991
(S) 2-Fluorobiphenyl	*101*			*48.0-148*		*10/03/2023 16:11*	WG2142991
(S) p-Terphenyl-d14	*81.1*			*37.0-146*		*10/03/2023 16:11*	WG2142991

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Arsenic	15.1		4.40	10.0	1	10/09/2023 15:45	WG2147425
Lead	8.04		2.99	6.00	1	10/09/2023 15:45	WG2147425
Lead,Dissolved	6.10		2.99	6.00	1	10/20/2023 08:08	WG2153542

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	565		31.6	100	1	10/07/2023 01:39	WG2146044
(S) a,a,a-Trifluorotoluene(FID)	*96.7*			*78.0-120*		*10/07/2023 01:39*	WG2146044

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	0.0980		0.0160	0.0400	1	10/02/2023 23:07	WG2143506
1,1-Dichloroethene	U		0.0200	0.100	1	10/02/2023 23:07	WG2143506
cis-1,2-Dichloroethene	U		0.0276	0.100	1	10/02/2023 23:07	WG2143506
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/02/2023 23:07	WG2143506
Ethylbenzene	U		0.0212	0.100	1	10/02/2023 23:07	WG2143506
Tetrachloroethene	U		0.0280	0.100	1	10/02/2023 23:07	WG2143506
Toluene	0.211		0.0500	0.200	1	10/02/2023 23:07	WG2143506
Trichloroethene	U		0.0160	0.0400	1	10/02/2023 23:07	WG2143506
1,2,4-Trimethylbenzene	2.84		0.0464	0.200	1	10/02/2023 23:07	WG2143506
1,3,5-Trimethylbenzene	6.77		0.0432	0.200	1	10/02/2023 23:07	WG2143506
Vinyl chloride	U		0.0273	0.100	1	10/02/2023 23:07	WG2143506
Xylenes, Total	2.51		0.191	0.260	1	10/02/2023 23:07	WG2143506
(S) Toluene-d8	*96.4*			*75.0-131*		*10/02/2023 23:07*	WG2143506
(S) 4-Bromofluorobenzene	*92.3*			*67.0-138*		*10/02/2023 23:07*	WG2143506
(S) 1,2-Dichloroethane-d4	*111*			*70.0-130*		*10/02/2023 23:07*	WG2143506

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	890		66.7	200	1	10/05/2023 05:21	WG2143637
Residual Range Organics (RRO)	291		83.3	250	1	10/05/2023 05:21	WG2143637
(S) o-Terphenyl	*96.3*			*52.0-156*		*10/05/2023 05:21*	WG2143637

Sample Narrative:

L1661056-09 WG2143637: Sample resembles laboratory standard for Gasoline.

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	425	B	66.7	200	1	10/05/2023 10:41	WG2143638
Residual Range Organics (RRO)	106	B J	83.3	250	1	10/05/2023 10:41	WG2143638
(S) o-Terphenyl	*78.4*			*52.0-156*		*10/05/2023 10:41*	WG2143638

Sample Narrative:

L1661056-09 WG2143638: Sample resembles laboratory standard for Stoddard solvent.

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
PCB 1016	U		0.270	0.500	1	10/06/2023 19:04	WG2146151
PCB 1221	U		0.270	0.500	1	10/06/2023 19:04	WG2146151
PCB 1232	U		0.270	0.500	1	10/06/2023 19:04	WG2146151
PCB 1242	U		0.270	0.500	1	10/06/2023 19:04	WG2146151
PCB 1248	U		0.173	0.500	1	10/06/2023 19:04	WG2146151
PCB 1254	U		0.173	0.500	1	10/06/2023 19:04	WG2146151
PCB 1260	U		0.173	0.500	1	10/06/2023 19:04	WG2146151
(S) Decachlorobiphenyl	*25.5*			*10.0-128*		*10/06/2023 19:04*	WG2146151
(S) Tetrachloro-m-xylene	*64.9*			*10.0-127*		*10/06/2023 19:04*	WG2146151

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Naphthalene	0.236	J	0.0917	0.250	1	10/03/2023 16:30	WG2142991
1-Methylnaphthalene	U		0.0687	0.250	1	10/03/2023 16:30	WG2142991
2-Methylnaphthalene	U		0.0674	0.250	1	10/03/2023 16:30	WG2142991
(S) Nitrobenzene-d5	*73.2*			*31.0-160*		*10/03/2023 16:30*	WG2142991
(S) 2-Fluorobiphenyl	*76.8*			*48.0-148*		*10/03/2023 16:30*	WG2142991
(S) p-Terphenyl-d14	*66.3*			*37.0-146*		*10/03/2023 16:30*	WG2142991

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Arsenic	8.90	J	4.40	10.0	1	10/09/2023 15:47	WG2147425
Lead	U		2.99	6.00	1	10/09/2023 15:47	WG2147425

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	245		31.6	100	1	10/07/2023 02:01	WG2146044
(S) a,a,a-Trifluorotoluene(FID)	*103*			*78.0-120*		*10/07/2023 02:01*	WG2146044

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	17.6		0.0160	0.0400	1	10/02/2023 23:26	WG2143506
1,1-Dichloroethene	U		0.0200	0.100	1	10/02/2023 23:26	WG2143506
cis-1,2-Dichloroethene	U		0.0276	0.100	1	10/02/2023 23:26	WG2143506
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/02/2023 23:26	WG2143506
Ethylbenzene	0.102		0.0212	0.100	1	10/02/2023 23:26	WG2143506
Tetrachloroethene	U		0.0280	0.100	1	10/02/2023 23:26	WG2143506
Toluene	0.470		0.0500	0.200	1	10/02/2023 23:26	WG2143506
Trichloroethene	U		0.0160	0.0400	1	10/02/2023 23:26	WG2143506
1,2,4-Trimethylbenzene	0.295		0.0464	0.200	1	10/02/2023 23:26	WG2143506
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/02/2023 23:26	WG2143506
Vinyl chloride	U		0.0273	0.100	1	10/02/2023 23:26	WG2143506
Xylenes, Total	0.563		0.191	0.260	1	10/02/2023 23:26	WG2143506
(S) Toluene-d8	*96.5*			*75.0-131*		*10/02/2023 23:26*	WG2143506
(S) 4-Bromofluorobenzene	*93.0*			*67.0-138*		*10/02/2023 23:26*	WG2143506
(S) 1,2-Dichloroethane-d4	*111*			*70.0-130*		*10/02/2023 23:26*	WG2143506

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	1020		66.7	200	1	10/05/2023 05:41	WG2143637
Residual Range Organics (RRO)	445		83.3	250	1	10/05/2023 05:41	WG2143637
(S) o-Terphenyl	*97.4*			*52.0-156*		*10/05/2023 05:41*	WG2143637

Sample Narrative:

L1661056-10 WG2143637: Sample resembles laboratory standard for Gasoline and Hydraulic Fluid.

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	338	B	66.7	200	1	10/05/2023 11:01	WG2143638
Residual Range Organics (RRO)	U		83.3	250	1	10/05/2023 11:01	WG2143638
(S) o-Terphenyl	*89.5*			*52.0-156*		*10/05/2023 11:01*	WG2143638

Sample Narrative:

L1661056-10 WG2143638: Sample does not resemble laboratory standards.

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
PCB 1016	U		0.270	0.500	1	10/06/2023 19:16	WG2146151
PCB 1221	U		0.270	0.500	1	10/06/2023 19:16	WG2146151
PCB 1232	U		0.270	0.500	1	10/06/2023 19:16	WG2146151
PCB 1242	U		0.270	0.500	1	10/06/2023 19:16	WG2146151
PCB 1248	U		0.173	0.500	1	10/06/2023 19:16	WG2146151
PCB 1254	U		0.173	0.500	1	10/06/2023 19:16	WG2146151
PCB 1260	U		0.173	0.500	1	10/06/2023 19:16	WG2146151
(S) Decachlorobiphenyl	*44.7*			*10.0-128*		*10/06/2023 19:16*	WG2146151
(S) Tetrachloro-m-xylene	*68.8*			*10.0-127*		*10/06/2023 19:16*	WG2146151

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Naphthalene	0.688		0.0917	0.250	1	10/03/2023 16:50	WG2142991
1-Methylnaphthalene	U		0.0687	0.250	1	10/03/2023 16:50	WG2142991
2-Methylnaphthalene	U		0.0674	0.250	1	10/03/2023 16:50	WG2142991
(S) Nitrobenzene-d5	*89.5*			*31.0-160*		*10/03/2023 16:50*	WG2142991
(S) 2-Fluorobiphenyl	*95.8*			*48.0-148*		*10/03/2023 16:50*	WG2142991
(S) p-Terphenyl-d14	*79.5*			*37.0-146*		*10/03/2023 16:50*	WG2142991

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Arsenic	U		4.40	10.0	1	10/09/2023 15:50	WG2147425
Lead	U		2.99	6.00	1	10/09/2023 15:50	WG2147425

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	135		31.6	100	1	10/07/2023 02:23	WG2146044
(S) a,a,a-Trifluorotoluene(FID)	*103*			*78.0-120*		*10/07/2023 02:23*	WG2146044

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	0.307		0.0160	0.0400	1	10/02/2023 23:45	WG2143506
1,1-Dichloroethene	0.126		0.0200	0.100	1	10/02/2023 23:45	WG2143506
cis-1,2-Dichloroethene	69.6		0.0276	0.100	1	10/02/2023 23:45	WG2143506
trans-1,2-Dichloroethene	0.607		0.0572	0.200	1	10/02/2023 23:45	WG2143506
Ethylbenzene	U		0.0212	0.100	1	10/02/2023 23:45	WG2143506
Tetrachloroethene	69.6		0.0280	0.100	1	10/02/2023 23:45	WG2143506
Toluene	U		0.0500	0.200	1	10/02/2023 23:45	WG2143506
Trichloroethene	25.9		0.0160	0.0400	1	10/02/2023 23:45	WG2143506
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	10/02/2023 23:45	WG2143506
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/02/2023 23:45	WG2143506
Vinyl chloride	U		0.0273	0.100	1	10/02/2023 23:45	WG2143506
Xylenes, Total	U		0.191	0.260	1	10/02/2023 23:45	WG2143506
(S) Toluene-d8	*97.9*			*75.0-131*		*10/02/2023 23:45*	WG2143506
(S) 4-Bromofluorobenzene	*90.9*			*67.0-138*		*10/02/2023 23:45*	WG2143506
(S) 1,2-Dichloroethane-d4	*114*			*70.0-130*		*10/02/2023 23:45*	WG2143506

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	U		66.7	200	1	10/05/2023 06:02	WG2143637
Residual Range Organics (RRO)	85.2	J	83.3	250	1	10/05/2023 06:02	WG2143637
(S) o-Terphenyl	*91.6*			*52.0-156*		*10/05/2023 06:02*	WG2143637

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	U		66.7	200	1	10/05/2023 06:02	WG2143638
Residual Range Organics (RRO)	85.2	J	83.3	250	1	10/05/2023 06:02	WG2143638
(S) o-Terphenyl	*91.6*			*52.0-156*		*10/05/2023 06:02*	WG2143638

Sample Narrative:

L1661056-11 WG2143638: Reporting from non-silica gel data due to non-detect to the RDL.

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Naphthalene	U		0.0917	0.250	1	10/03/2023 17:10	WG2142991
1-Methylnaphthalene	U		0.0687	0.250	1	10/03/2023 17:10	WG2142991
2-Methylnaphthalene	U		0.0674	0.250	1	10/03/2023 17:10	WG2142991
(S) Nitrobenzene-d5	*85.3*			*31.0-160*		*10/03/2023 17:10*	WG2142991

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
(S) 2-Fluorobiphenyl	*97.9*			*48.0-148*		*10/03/2023 17:10*	WG2142991
(S) p-Terphenyl-d14	*77.9*			*37.0-146*		*10/03/2023 17:10*	WG2142991

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Arsenic	22.7		4.40	10.0	1	10/09/2023 15:53	WG2147425
Lead	U		2.99	6.00	1	10/09/2023 15:53	WG2147425

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	363		31.6	100	1	10/07/2023 02:45	WG2146044
(S) a,a,a-Trifluorotoluene(FID)	*96.4*			*78.0-120*		*10/07/2023 02:45*	WG2146044

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	0.802		0.0160	0.0400	1	10/03/2023 00:04	WG2143506
1,1-Dichloroethene	U		0.0200	0.100	1	10/03/2023 00:04	WG2143506
cis-1,2-Dichloroethene	1.12		0.0276	0.100	1	10/03/2023 00:04	WG2143506
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/03/2023 00:04	WG2143506
Ethylbenzene	0.147		0.0212	0.100	1	10/03/2023 00:04	WG2143506
Tetrachloroethene	U		0.0280	0.100	1	10/03/2023 00:04	WG2143506
Toluene	0.438		0.0500	0.200	1	10/03/2023 00:04	WG2143506
Trichloroethene	0.0600		0.0160	0.0400	1	10/03/2023 00:04	WG2143506
1,2,4-Trimethylbenzene	0.170	J	0.0464	0.200	1	10/03/2023 00:04	WG2143506
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/03/2023 00:04	WG2143506
Vinyl chloride	U		0.0273	0.100	1	10/03/2023 00:04	WG2143506
Xylenes, Total	0.603		0.191	0.260	1	10/03/2023 00:04	WG2143506
(S) Toluene-d8	*96.3*			*75.0-131*		*10/03/2023 00:04*	WG2143506
(S) 4-Bromofluorobenzene	*92.0*			*67.0-138*		*10/03/2023 00:04*	WG2143506
(S) 1,2-Dichloroethane-d4	*111*			*70.0-130*		*10/03/2023 00:04*	WG2143506

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	711		66.7	200	1	10/05/2023 06:22	WG2143637
Residual Range Organics (RRO)	160	J	83.3	250	1	10/05/2023 06:22	WG2143637
(S) o-Terphenyl	*92.1*			*52.0-156*		*10/05/2023 06:22*	WG2143637

Sample Narrative:

L1661056-12 WG2143637: Sample resembles laboratory standard for Gasoline.

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	312	B	66.7	200	1	10/05/2023 11:22	WG2143638
Residual Range Organics (RRO)	U		83.3	250	1	10/05/2023 11:22	WG2143638
(S) o-Terphenyl	*71.6*			*52.0-156*		*10/05/2023 11:22*	WG2143638

Sample Narrative:

L1661056-12 WG2143638: Sample resembles laboratory standard for Stoddard solvent.

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Naphthalene	U		0.0917	0.250	1	10/03/2023 17:30	WG2142991
1-Methylnaphthalene	0.424		0.0687	0.250	1	10/03/2023 17:30	WG2142991
2-Methylnaphthalene	U		0.0674	0.250	1	10/03/2023 17:30	WG2142991
(S) Nitrobenzene-d5	*86.3*			*31.0-160*		*10/03/2023 17:30*	WG2142991
(S) 2-Fluorobiphenyl	*93.2*			*48.0-148*		*10/03/2023 17:30*	WG2142991
(S) p-Terphenyl-d14	*80.5*			*37.0-146*		*10/03/2023 17:30*	WG2142991

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Arsenic	10.4		4.40	10.0	1	10/09/2023 15:55	WG2147425
Lead	U		2.99	6.00	1	10/09/2023 15:55	WG2147425

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	76.3	J	31.6	100	1	10/07/2023 03:07	WG2146044
(S) a,a,a-Trifluorotoluene(FID)	*103*			*78.0-120*		*10/07/2023 03:07*	WG2146044

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	5.44		0.0160	0.0400	1	10/03/2023 00:23	WG2143506
1,1-Dichloroethene	U		0.0200	0.100	1	10/03/2023 00:23	WG2143506
cis-1,2-Dichloroethene	U		0.0276	0.100	1	10/03/2023 00:23	WG2143506
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/03/2023 00:23	WG2143506
Ethylbenzene	U		0.0212	0.100	1	10/03/2023 00:23	WG2143506
Tetrachloroethene	U		0.0280	0.100	1	10/03/2023 00:23	WG2143506
Toluene	0.144	J	0.0500	0.200	1	10/03/2023 00:23	WG2143506
Trichloroethene	U		0.0160	0.0400	1	10/03/2023 00:23	WG2143506
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	10/03/2023 00:23	WG2143506
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/03/2023 00:23	WG2143506
Vinyl chloride	U		0.0273	0.100	1	10/03/2023 00:23	WG2143506
Xylenes, Total	0.200	J	0.191	0.260	1	10/03/2023 00:23	WG2143506
(S) Toluene-d8	*97.2*			*75.0-131*		*10/03/2023 00:23*	WG2143506
(S) 4-Bromofluorobenzene	*90.8*			*67.0-138*		*10/03/2023 00:23*	WG2143506
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*10/03/2023 00:23*	WG2143506

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	655		66.7	200	1	10/05/2023 06:42	WG2143637
Residual Range Organics (RRO)	293		83.3	250	1	10/05/2023 06:42	WG2143637
(S) o-Terphenyl	*94.2*			*52.0-156*		*10/05/2023 06:42*	WG2143637

Sample Narrative:

L1661056-13 WG2143637: Sample resembles laboratory standard for Gasoline.

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	107	B J	66.7	200	1	10/05/2023 11:42	WG2143638
Residual Range Organics (RRO)	U		83.3	250	1	10/05/2023 11:42	WG2143638
(S) o-Terphenyl	*68.4*			*52.0-156*		*10/05/2023 11:42*	WG2143638

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Naphthalene	1.66		0.0917	0.250	1	10/03/2023 17:50	WG2142991
1-Methylnaphthalene	U		0.0687	0.250	1	10/03/2023 17:50	WG2142991
2-Methylnaphthalene	U		0.0674	0.250	1	10/03/2023 17:50	WG2142991
(S) Nitrobenzene-d5	*87.9*			*31.0-160*		*10/03/2023 17:50*	WG2142991

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
(S) 2-Fluorobiphenyl	*94.7*			*48.0-148*		*10/03/2023 17:50*	WG2142991
(S) p-Terphenyl-d14	*79.5*			*37.0-146*		*10/03/2023 17:50*	WG2142991

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Arsenic	55.6		4.40	10.0	1	10/09/2023 15:58	WG2147425
Lead	83.0		2.99	6.00	1	10/09/2023 15:58	WG2147425
Lead,Dissolved	7.98		2.99	6.00	1	10/16/2023 20:19	WG2149687

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	58.3	J	31.6	100	1	10/07/2023 03:29	WG2146044
(S) a,a,a-Trifluorotoluene(FID)	*104*			*78.0-120*		*10/07/2023 03:29*	WG2146044

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	0.921		0.0160	0.0400	1	10/03/2023 00:42	WG2143506
1,1-Dichloroethene	U		0.0200	0.100	1	10/03/2023 00:42	WG2143506
cis-1,2-Dichloroethene	U		0.0276	0.100	1	10/03/2023 00:42	WG2143506
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/03/2023 00:42	WG2143506
Ethylbenzene	0.0360	J	0.0212	0.100	1	10/03/2023 00:42	WG2143506
Tetrachloroethene	U		0.0280	0.100	1	10/03/2023 00:42	WG2143506
Toluene	0.0700	J	0.0500	0.200	1	10/03/2023 00:42	WG2143506
Trichloroethene	U		0.0160	0.0400	1	10/03/2023 00:42	WG2143506
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	10/03/2023 00:42	WG2143506
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/03/2023 00:42	WG2143506
Vinyl chloride	U		0.0273	0.100	1	10/03/2023 00:42	WG2143506
Xylenes, Total	U		0.191	0.260	1	10/03/2023 00:42	WG2143506
(S) Toluene-d8	*98.2*			*75.0-131*		*10/03/2023 00:42*	WG2143506
(S) 4-Bromofluorobenzene	*92.1*			*67.0-138*		*10/03/2023 00:42*	WG2143506
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*		*10/03/2023 00:42*	WG2143506

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	630		66.7	200	1	10/05/2023 07:02	WG2143637
Residual Range Organics (RRO)	358		83.3	250	1	10/05/2023 07:02	WG2143637
(S) o-Terphenyl	*92.6*			*52.0-156*		*10/05/2023 07:02*	WG2143637

Sample Narrative:

L1661056-14 WG2143637: Sample resembles laboratory standard for Gasoline.

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	144	B J	66.7	200	1	10/05/2023 12:02	WG2143638
Residual Range Organics (RRO)	U		83.3	250	1	10/05/2023 12:02	WG2143638
(S) o-Terphenyl	*66.8*			*52.0-156*		*10/05/2023 12:02*	WG2143638

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Naphthalene	2.88		0.0917	0.250	1	10/03/2023 18:10	WG2142991
1-Methylnaphthalene	U		0.0687	0.250	1	10/03/2023 18:10	WG2142991
2-Methylnaphthalene	U		0.0674	0.250	1	10/03/2023 18:10	WG2142991
(S) Nitrobenzene-d5	*87.4*			*31.0-160*		*10/03/2023 18:10*	WG2142991
(S) 2-Fluorobiphenyl	*97.4*			*48.0-148*		*10/03/2023 18:10*	WG2142991
(S) p-Terphenyl-d14	*81.1*			*37.0-146*		*10/03/2023 18:10*	WG2142991

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Arsenic	24.8		4.40	10.0	1	10/09/2023 16:01	WG2147425
Lead	U		2.99	6.00	1	10/09/2023 16:01	WG2147425

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	120		31.6	100	1	10/07/2023 03:51	WG2146044
(S) a,a,a-Trifluorotoluene(FID)	*102*			*78.0-120*		*10/07/2023 03:51*	WG2146044

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0160	0.0400	1	10/03/2023 01:01	WG2143506
1,1-Dichloroethene	U		0.0200	0.100	1	10/03/2023 01:01	WG2143506
cis-1,2-Dichloroethene	U		0.0276	0.100	1	10/03/2023 01:01	WG2143506
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/03/2023 01:01	WG2143506
Ethylbenzene	0.0400	J	0.0212	0.100	1	10/03/2023 01:01	WG2143506
Tetrachloroethene	U		0.0280	0.100	1	10/03/2023 01:01	WG2143506
Toluene	0.110	J	0.0500	0.200	1	10/03/2023 01:01	WG2143506
Trichloroethene	U		0.0160	0.0400	1	10/03/2023 01:01	WG2143506
1,2,4-Trimethylbenzene	0.0690	J	0.0464	0.200	1	10/03/2023 01:01	WG2143506
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/03/2023 01:01	WG2143506
Vinyl chloride	U		0.0273	0.100	1	10/03/2023 01:01	WG2143506
Xylenes, Total	U		0.191	0.260	1	10/03/2023 01:01	WG2143506
(S) Toluene-d8	*96.4*			*75.0-131*		*10/03/2023 01:01*	WG2143506
(S) 4-Bromofluorobenzene	*88.6*			*67.0-138*		*10/03/2023 01:01*	WG2143506
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*		*10/03/2023 01:01*	WG2143506

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	892		66.7	200	1	10/09/2023 03:41	WG2146189
Residual Range Organics (RRO)	301		83.3	250	1	10/09/2023 03:41	WG2146189
(S) o-Terphenyl	*102*			*52.0-156*		*10/09/2023 03:41*	WG2146189

Sample Narrative:

L1661056-15 WG2146189: Sample resembles laboratory standard for Gasoline.

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	311		66.7	200	1	10/09/2023 20:32	WG2146190
Residual Range Organics (RRO)	163	J	83.3	250	1	10/09/2023 20:32	WG2146190
(S) o-Terphenyl	*81.1*			*52.0-156*		*10/09/2023 20:32*	WG2146190

Sample Narrative:

L1661056-15 WG2146190: Sample resembles laboratory standard for Gasoline

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Naphthalene	0.565		0.0917	0.250	1	10/03/2023 18:29	WG2142991
1-Methylnaphthalene	U		0.0687	0.250	1	10/03/2023 18:29	WG2142991
2-Methylnaphthalene	U		0.0674	0.250	1	10/03/2023 18:29	WG2142991
(S) Nitrobenzene-d5	*87.4*			*31.0-160*		*10/03/2023 18:29*	WG2142991
(S) 2-Fluorobiphenyl	*93.2*			*48.0-148*		*10/03/2023 18:29*	WG2142991
(S) p-Terphenyl-d14	*78.9*			*37.0-146*		*10/03/2023 18:29*	WG2142991

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Arsenic	U		4.40	10.0	1	10/09/2023 16:04	WG2147425
Lead	31.1		2.99	6.00	1	10/09/2023 16:04	WG2147425
Lead,Dissolved	U		2.99	6.00	1	10/16/2023 20:27	WG2149687

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	37.1	B J	31.6	100	1	10/07/2023 01:01	WG2146719
(S) a,a,a-Trifluorotoluene(FID)	*108*			*78.0-120*		*10/07/2023 01:01*	WG2146719

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0160	0.0400	1	10/09/2023 01:54	WG2147481
1,1-Dichloroethene	U		0.0200	0.100	1	10/09/2023 01:54	WG2147481
cis-1,2-Dichloroethene	U		0.0276	0.100	1	10/09/2023 01:54	WG2147481
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/09/2023 01:54	WG2147481
Ethylbenzene	U		0.0212	0.100	1	10/09/2023 01:54	WG2147481
Tetrachloroethene	U		0.0280	0.100	1	10/09/2023 01:54	WG2147481
Toluene	0.0760	J	0.0500	0.200	1	10/09/2023 01:54	WG2147481
Trichloroethene	U		0.0160	0.0400	1	10/09/2023 01:54	WG2147481
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	10/09/2023 01:54	WG2147481
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/09/2023 01:54	WG2147481
Vinyl chloride	U		0.0273	0.100	1	10/09/2023 01:54	WG2147481
Xylenes, Total	U		0.191	0.260	1	10/09/2023 01:54	WG2147481
(S) Toluene-d8	*97.9*			*75.0-131*		*10/09/2023 01:54*	WG2147481
(S) 4-Bromofluorobenzene	*103*			*67.0-138*		*10/09/2023 01:54*	WG2147481
(S) 1,2-Dichloroethane-d4	*111*			*70.0-130*		*10/09/2023 01:54*	WG2147481

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	487		66.7	200	1	10/10/2023 00:14	WG2146189
Residual Range Organics (RRO)	1500		83.3	250	1	10/10/2023 00:14	WG2146189
(S) o-Terphenyl	*116*			*52.0-156*		*10/10/2023 00:14*	WG2146189

Sample Narrative:

L1661056-16 WG2146189: Sample resembles laboratory standard for Hydraulic Oil.

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	129	J	66.7	200	1	10/09/2023 23:34	WG2146190
Residual Range Organics (RRO)	639		83.3	250	1	10/09/2023 23:34	WG2146190
(S) o-Terphenyl	*68.9*			*52.0-156*		*10/09/2023 23:34*	WG2146190

Sample Narrative:

L1661056-16 WG2146190: Sample resembles laboratory standard for Hydraulic Oil.

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Naphthalene	U		0.0917	0.250	1	10/03/2023 19:09	WG2142991
1-Methylnaphthalene	U		0.0687	0.250	1	10/03/2023 19:09	WG2142991
2-Methylnaphthalene	U		0.0674	0.250	1	10/03/2023 19:09	WG2142991
(S) Nitrobenzene-d5	*85.3*			*31.0-160*		*10/03/2023 19:09*	WG2142991
(S) 2-Fluorobiphenyl	*93.2*			*48.0-148*		*10/03/2023 19:09*	WG2142991
(S) p-Terphenyl-d14	*74.2*			*37.0-146*		*10/03/2023 19:09*	WG2142991

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Arsenic	34.8		4.40	10.0	1	10/09/2023 16:07	WG2147425
Lead	U		2.99	6.00	1	10/09/2023 16:07	WG2147425

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	448	B	31.6	100	1	10/07/2023 01:24	WG2146719
(S) a,a,a-Trifluorotoluene(FID)	*109*			*78.0-120*		*10/07/2023 01:24*	WG2146719

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	0.949		0.0160	0.0400	1	10/09/2023 02:13	WG2147481
1,1-Dichloroethene	U		0.0200	0.100	1	10/09/2023 02:13	WG2147481
cis-1,2-Dichloroethene	U		0.0276	0.100	1	10/09/2023 02:13	WG2147481
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/09/2023 02:13	WG2147481
Ethylbenzene	0.147		0.0212	0.100	1	10/09/2023 02:13	WG2147481
Tetrachloroethene	U		0.0280	0.100	1	10/09/2023 02:13	WG2147481
Toluene	0.898		0.0500	0.200	1	10/09/2023 02:13	WG2147481
Trichloroethene	U		0.0160	0.0400	1	10/09/2023 02:13	WG2147481
1,2,4-Trimethylbenzene	0.376		0.0464	0.200	1	10/09/2023 02:13	WG2147481
1,3,5-Trimethylbenzene	0.151	J	0.0432	0.200	1	10/09/2023 02:13	WG2147481
Vinyl chloride	U		0.0273	0.100	1	10/09/2023 02:13	WG2147481
Xylenes, Total	1.31		0.191	0.260	1	10/09/2023 02:13	WG2147481
(S) Toluene-d8	*99.8*			*75.0-131*		*10/09/2023 02:13*	WG2147481
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*10/09/2023 02:13*	WG2147481
(S) 1,2-Dichloroethane-d4	*114*			*70.0-130*		*10/09/2023 02:13*	WG2147481

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	977		66.7	200	1	10/09/2023 04:01	WG2146189
Residual Range Organics (RRO)	354		83.3	250	1	10/09/2023 04:01	WG2146189
(S) o-Terphenyl	*110*			*52.0-156*		*10/09/2023 04:01*	WG2146189

Sample Narrative:

L1661056-17 WG2146189: Sample resembles laboratory standard for Gasoline.

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	305		66.7	200	1	10/09/2023 20:52	WG2146190
Residual Range Organics (RRO)	99.7	J	83.3	250	1	10/09/2023 20:52	WG2146190
(S) o-Terphenyl	*73.2*			*52.0-156*		*10/09/2023 20:52*	WG2146190

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Naphthalene	1.87		0.0917	0.250	1	10/03/2023 18:49	WG2142991
1-Methylnaphthalene	6.39		0.0687	0.250	1	10/03/2023 18:49	WG2142991
2-Methylnaphthalene	0.317		0.0674	0.250	1	10/03/2023 18:49	WG2142991
(S) Nitrobenzene-d5	*88.9*			*31.0-160*		*10/03/2023 18:49*	WG2142991

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
(S) 2-Fluorobiphenyl	*94.2*			*48.0-148*		*10/03/2023 18:49*	WG2142991
(S) p-Terphenyl-d14	*81.1*			*37.0-146*		*10/03/2023 18:49*	WG2142991

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Arsenic	U		4.40	10.0	1	10/09/2023 16:15	WG2147425
Lead	27.2		2.99	6.00	1	10/09/2023 16:15	WG2147425
Lead,Dissolved	U		2.99	6.00	1	10/16/2023 20:30	WG2149687

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	86.0	B J	31.6	100	1	10/07/2023 01:46	WG2146719
(S) a,a,a-Trifluorotoluene(FID)	*109*			*78.0-120*		*10/07/2023 01:46*	WG2146719

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0160	0.0400	1	10/09/2023 02:32	WG2147481
1,1-Dichloroethene	U		0.0200	0.100	1	10/09/2023 02:32	WG2147481
cis-1,2-Dichloroethene	U		0.0276	0.100	1	10/09/2023 02:32	WG2147481
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/09/2023 02:32	WG2147481
Ethylbenzene	U		0.0212	0.100	1	10/09/2023 02:32	WG2147481
Tetrachloroethene	U		0.0280	0.100	1	10/09/2023 02:32	WG2147481
Toluene	0.100	J	0.0500	0.200	1	10/09/2023 02:32	WG2147481
Trichloroethene	U		0.0160	0.0400	1	10/09/2023 02:32	WG2147481
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	10/09/2023 02:32	WG2147481
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/09/2023 02:32	WG2147481
Vinyl chloride	U		0.0273	0.100	1	10/09/2023 02:32	WG2147481
Xylenes, Total	U		0.191	0.260	1	10/09/2023 02:32	WG2147481
(S) Toluene-d8	*101*			*75.0-131*		*10/09/2023 02:32*	WG2147481
(S) 4-Bromofluorobenzene	*99.6*			*67.0-138*		*10/09/2023 02:32*	WG2147481
(S) 1,2-Dichloroethane-d4	*111*			*70.0-130*		*10/09/2023 02:32*	WG2147481

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	495		66.7	200	1	10/10/2023 00:34	WG2146189
Residual Range Organics (RRO)	1680		83.3	250	1	10/10/2023 00:34	WG2146189
(S) o-Terphenyl	*110*			*52.0-156*		*10/10/2023 00:34*	WG2146189

Sample Narrative:

L1661056-18 WG2146189: Sample resembles laboratory standard for Hydraulic Oil.

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	175	J	66.7	200	1	10/09/2023 23:54	WG2146190
Residual Range Organics (RRO)	749		83.3	250	1	10/09/2023 23:54	WG2146190
(S) o-Terphenyl	*63.2*			*52.0-156*		*10/09/2023 23:54*	WG2146190

Sample Narrative:

L1661056-18 WG2146190: Sample resembles laboratory standard for Hydraulic Oil.

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Naphthalene	U		0.0917	0.250	1	10/03/2023 19:29	WG2142991
1-Methylnaphthalene	U		0.0687	0.250	1	10/03/2023 19:29	WG2142991
2-Methylnaphthalene	U		0.0674	0.250	1	10/03/2023 19:29	WG2142991
(S) Nitrobenzene-d5	*87.4*			*31.0-160*		*10/03/2023 19:29*	WG2142991
(S) 2-Fluorobiphenyl	*94.7*			*48.0-148*		*10/03/2023 19:29*	WG2142991
(S) p-Terphenyl-d14	*72.6*			*37.0-146*		*10/03/2023 19:29*	WG2142991

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	50.0	B J	31.6	100	1	10/07/2023 02:09	WG2146719
(S) a,a,a-Trifluorotoluene(FID)	*108*			*78.0-120*		*10/07/2023 02:09*	WG2146719

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0160	0.0400	1	10/09/2023 02:51	WG2147481
1,1-Dichloroethene	U		0.0200	0.100	1	10/09/2023 02:51	WG2147481
cis-1,2-Dichloroethene	U		0.0276	0.100	1	10/09/2023 02:51	WG2147481
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/09/2023 02:51	WG2147481
Ethylbenzene	0.0570	J	0.0212	0.100	1	10/09/2023 02:51	WG2147481
Tetrachloroethene	U		0.0280	0.100	1	10/09/2023 02:51	WG2147481
Toluene	0.0900	J	0.0500	0.200	1	10/09/2023 02:51	WG2147481
Trichloroethene	U		0.0160	0.0400	1	10/09/2023 02:51	WG2147481
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	10/09/2023 02:51	WG2147481
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/09/2023 02:51	WG2147481
Vinyl chloride	U		0.0273	0.100	1	10/09/2023 02:51	WG2147481
Xylenes, Total	0.490		0.191	0.260	1	10/09/2023 02:51	WG2147481
(S) Toluene-d8	*100*			*75.0-131*		*10/09/2023 02:51*	WG2147481
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*10/09/2023 02:51*	WG2147481
(S) 1,2-Dichloroethane-d4	*112*			*70.0-130*		*10/09/2023 02:51*	WG2147481

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Arsenic	U		4.40	10.0	1	10/09/2023 16:17	WG2147425
Lead	U		2.99	6.00	1	10/09/2023 16:17	WG2147425

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	32.5	B J	31.6	100	1	10/06/2023 15:04	WG2146054
(S) a,a,a-Trifluorotoluene(FID)	*109*			*78.0-120*		*10/06/2023 15:04*	WG2146054

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0160	0.0400	1	10/09/2023 03:10	WG2147481
1,1-Dichloroethene	U		0.0200	0.100	1	10/09/2023 03:10	WG2147481
cis-1,2-Dichloroethene	U		0.0276	0.100	1	10/09/2023 03:10	WG2147481
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/09/2023 03:10	WG2147481
Ethylbenzene	0.0430	J	0.0212	0.100	1	10/09/2023 03:10	WG2147481
Tetrachloroethene	U		0.0280	0.100	1	10/09/2023 03:10	WG2147481
Toluene	0.166	J	0.0500	0.200	1	10/09/2023 03:10	WG2147481
Trichloroethene	U		0.0160	0.0400	1	10/09/2023 03:10	WG2147481
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	10/09/2023 03:10	WG2147481
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/09/2023 03:10	WG2147481
Vinyl chloride	U		0.0273	0.100	1	10/09/2023 03:10	WG2147481
Xylenes, Total	0.334		0.191	0.260	1	10/09/2023 03:10	WG2147481
(S) Toluene-d8	*101*			*75.0-131*		*10/09/2023 03:10*	WG2147481
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*10/09/2023 03:10*	WG2147481
(S) 1,2-Dichloroethane-d4	*111*			*70.0-130*		*10/09/2023 03:10*	WG2147481

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	152	J	66.7	200	1	10/09/2023 04:21	WG2146189
Residual Range Organics (RRO)	184	J	83.3	250	1	10/09/2023 04:21	WG2146189
(S) o-Terphenyl	*106*			*52.0-156*		*10/09/2023 04:21*	WG2146189

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	152	J	66.7	200	1	10/09/2023 04:21	WG2146190
Residual Range Organics (RRO)	184	J	83.3	250	1	10/09/2023 04:21	WG2146190
(S) o-Terphenyl	*106*			*52.0-156*		*10/09/2023 04:21*	WG2146190

Sample Narrative:

L1661056-20 WG2146190: Reporting from non-silica gel data due to non-detect to the RDL.

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Naphthalene	U		0.0917	0.250	1	10/04/2023 03:00	WG2143616
1-Methylnaphthalene	U		0.0687	0.250	1	10/04/2023 03:00	WG2143616
2-Methylnaphthalene	U		0.0674	0.250	1	10/04/2023 03:00	WG2143616
(S) Nitrobenzene-d5	*102*			*31.0-160*		*10/04/2023 03:00*	WG2143616

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
(S) 2-Fluorobiphenyl	*93.7*			*48.0-148*		*10/04/2023 03:00*	WG2143616
(S) p-Terphenyl-d14	*87.9*			*37.0-146*		*10/04/2023 03:00*	WG2143616

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Arsenic	U		4.40	10.0	1	10/09/2023 16:20	WG2147425
Lead	U		2.99	6.00	1	10/09/2023 16:20	WG2147425

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	33.8	B J	31.6	100	1	10/06/2023 15:26	WG2146054
(S) a,a,a-Trifluorotoluene(FID)	*108*			*78.0-120*		*10/06/2023 15:26*	WG2146054

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0160	0.0400	1	10/09/2023 03:29	WG2147481
1,1-Dichloroethene	U		0.0200	0.100	1	10/09/2023 03:29	WG2147481
cis-1,2-Dichloroethene	U		0.0276	0.100	1	10/09/2023 03:29	WG2147481
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/09/2023 03:29	WG2147481
Ethylbenzene	0.0710	J	0.0212	0.100	1	10/09/2023 03:29	WG2147481
Tetrachloroethene	U		0.0280	0.100	1	10/09/2023 03:29	WG2147481
Toluene	0.198	J	0.0500	0.200	1	10/09/2023 03:29	WG2147481
Trichloroethene	U		0.0160	0.0400	1	10/09/2023 03:29	WG2147481
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	10/09/2023 03:29	WG2147481
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/09/2023 03:29	WG2147481
Vinyl chloride	U		0.0273	0.100	1	10/09/2023 03:29	WG2147481
Xylenes, Total	0.431		0.191	0.260	1	10/09/2023 03:29	WG2147481
(S) Toluene-d8	*101*			*75.0-131*		*10/09/2023 03:29*	WG2147481
(S) 4-Bromofluorobenzene	*102*			*67.0-138*		*10/09/2023 03:29*	WG2147481
(S) 1,2-Dichloroethane-d4	*115*			*70.0-130*		*10/09/2023 03:29*	WG2147481

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	U		66.7	200	1	10/09/2023 04:41	WG2146189
Residual Range Organics (RRO)	133	J	83.3	250	1	10/09/2023 04:41	WG2146189
(S) o-Terphenyl	*98.4*			*52.0-156*		*10/09/2023 04:41*	WG2146189

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	U		66.7	200	1	10/09/2023 04:41	WG2146190
Residual Range Organics (RRO)	133	J	83.3	250	1	10/09/2023 04:41	WG2146190
(S) o-Terphenyl	*98.4*			*52.0-156*		*10/09/2023 04:41*	WG2146190

Sample Narrative:

L1661056-21 WG2146190: Reporting from non-silica gel data due to non-detect to the RDL.

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Naphthalene	U		0.0917	0.250	1	10/05/2023 01:59	WG2144877
1-Methylnaphthalene	U		0.0687	0.250	1	10/05/2023 01:59	WG2144877
2-Methylnaphthalene	U		0.0674	0.250	1	10/05/2023 01:59	WG2144877
(S) Nitrobenzene-d5	*98.9*			*31.0-160*		*10/05/2023 01:59*	WG2144877

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
(S) 2-Fluorobiphenyl	*87.9*			*48.0-148*		*10/05/2023 01:59*	WG2144877
(S) p-Terphenyl-d14	*91.6*			*37.0-146*		*10/05/2023 01:59*	WG2144877

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Arsenic	47.1		4.40	10.0	1	10/09/2023 16:23	WG2147425
Lead	U		2.99	6.00	1	10/09/2023 16:23	WG2147425

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	74.9	B J	31.6	100	1	10/06/2023 15:48	WG2146054
(S) a,a,a-Trifluorotoluene(FID)	*108*			*78.0-120*		*10/06/2023 15:48*	WG2146054

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	0.0490		0.0160	0.0400	1	10/09/2023 03:48	WG2147481
1,1-Dichloroethene	0.0550	J	0.0200	0.100	1	10/09/2023 03:48	WG2147481
cis-1,2-Dichloroethene	40.5		0.0276	0.100	1	10/09/2023 03:48	WG2147481
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/09/2023 03:48	WG2147481
Ethylbenzene	0.0630	J	0.0212	0.100	1	10/09/2023 03:48	WG2147481
Tetrachloroethene	2.13		0.0280	0.100	1	10/09/2023 03:48	WG2147481
Toluene	0.200	J	0.0500	0.200	1	10/09/2023 03:48	WG2147481
Trichloroethene	4.22		0.0160	0.0400	1	10/09/2023 03:48	WG2147481
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	10/09/2023 03:48	WG2147481
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/09/2023 03:48	WG2147481
Vinyl chloride	0.0990	J	0.0273	0.100	1	10/09/2023 03:48	WG2147481
Xylenes, Total	0.463		0.191	0.260	1	10/09/2023 03:48	WG2147481
(S) Toluene-d8	*102*			*75.0-131*		*10/09/2023 03:48*	WG2147481
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*10/09/2023 03:48*	WG2147481
(S) 1,2-Dichloroethane-d4	*112*			*70.0-130*		*10/09/2023 03:48*	WG2147481

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	114	J	66.7	200	1	10/09/2023 05:01	WG2146189
Residual Range Organics (RRO)	162	J	83.3	250	1	10/09/2023 05:01	WG2146189
(S) o-Terphenyl	*105*			*52.0-156*		*10/09/2023 05:01*	WG2146189

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	114	J	66.7	200	1	10/09/2023 05:01	WG2146190
Residual Range Organics (RRO)	162	J	83.3	250	1	10/09/2023 05:01	WG2146190
(S) o-Terphenyl	*105*			*52.0-156*		*10/09/2023 05:01*	WG2146190

Sample Narrative:

L1661056-22 WG2146190: Reporting from non-silica gel data due to non-detect to the RDL.

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Naphthalene	U		0.0917	0.250	1	10/04/2023 03:39	WG2143616
1-Methylnaphthalene	U		0.0687	0.250	1	10/04/2023 03:39	WG2143616
2-Methylnaphthalene	U		0.0674	0.250	1	10/04/2023 03:39	WG2143616
(S) Nitrobenzene-d5	*114*			*31.0-160*		*10/04/2023 03:39*	WG2143616

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
(S) 2-Fluorobiphenyl	*104*			*48.0-148*		*10/04/2023 03:39*	WG2143616
(S) p-Terphenyl-d14	*102*			*37.0-146*		*10/04/2023 03:39*	WG2143616

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Arsenic	7.06	J	4.40	10.0	1	10/09/2023 16:25	WG2147425
Lead	U		2.99	6.00	1	10/09/2023 16:25	WG2147425

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	32.5	B J	31.6	100	1	10/06/2023 16:11	WG2146054
(S) a,a,a-Trifluorotoluene(FID)	*109*			*78.0-120*		*10/06/2023 16:11*	WG2146054

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0160	0.0400	1	10/09/2023 04:07	WG2147481
1,1-Dichloroethene	U		0.0200	0.100	1	10/09/2023 04:07	WG2147481
cis-1,2-Dichloroethene	U		0.0276	0.100	1	10/09/2023 04:07	WG2147481
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/09/2023 04:07	WG2147481
Ethylbenzene	0.0410	J	0.0212	0.100	1	10/09/2023 04:07	WG2147481
Tetrachloroethene	0.0510	J	0.0280	0.100	1	10/09/2023 04:07	WG2147481
Toluene	0.115	J	0.0500	0.200	1	10/09/2023 04:07	WG2147481
Trichloroethene	U		0.0160	0.0400	1	10/09/2023 04:07	WG2147481
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	10/09/2023 04:07	WG2147481
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/09/2023 04:07	WG2147481
Vinyl chloride	U		0.0273	0.100	1	10/09/2023 04:07	WG2147481
Xylenes, Total	0.241	J	0.191	0.260	1	10/09/2023 04:07	WG2147481
(S) Toluene-d8	*99.2*			*75.0-131*		*10/09/2023 04:07*	WG2147481
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*10/09/2023 04:07*	WG2147481
(S) 1,2-Dichloroethane-d4	*117*			*70.0-130*		*10/09/2023 04:07*	WG2147481

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	255		66.7	200	1	10/09/2023 05:21	WG2146189
Residual Range Organics (RRO)	338		83.3	250	1	10/09/2023 05:21	WG2146189
(S) o-Terphenyl	*98.9*			*52.0-156*		*10/09/2023 05:21*	WG2146189

Sample Narrative:

L1661056-23 WG2146189: Sample does not resemble laboratory standards.

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	83.7	J	66.7	200	1	10/09/2023 21:12	WG2146190
Residual Range Organics (RRO)	180	J	83.3	250	1	10/09/2023 21:12	WG2146190
(S) o-Terphenyl	*58.4*			*52.0-156*		*10/09/2023 21:12*	WG2146190

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Naphthalene	U		0.0917	0.250	1	10/04/2023 03:59	WG2143616
1-Methylnaphthalene	U		0.0687	0.250	1	10/04/2023 03:59	WG2143616
2-Methylnaphthalene	U		0.0674	0.250	1	10/04/2023 03:59	WG2143616
(S) Nitrobenzene-d5	*104*			*31.0-160*		*10/04/2023 03:59*	WG2143616

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
(S) 2-Fluorobiphenyl	*98.4*			*48.0-148*		*10/04/2023 03:59*	WG2143616
(S) p-Terphenyl-d14	*92.1*			*37.0-146*		*10/04/2023 03:59*	WG2143616

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Arsenic	4.49	J	4.40	10.0	1	10/07/2023 20:52	WG2142466
Lead	17.7		2.99	6.00	1	10/07/2023 20:52	WG2142466
Lead,Dissolved	U		2.99	6.00	1	10/16/2023 20:33	WG2149687

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	86.9	B J	31.6	100	1	10/06/2023 16:33	WG2146054
(S) a,a,a-Trifluorotoluene(FID)	*107*			*78.0-120*		*10/06/2023 16:33*	WG2146054

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	0.311		0.0160	0.0400	1	10/09/2023 04:26	WG2147481
1,1-Dichloroethene	U		0.0200	0.100	1	10/09/2023 04:26	WG2147481
cis-1,2-Dichloroethene	6.77		0.0276	0.100	1	10/09/2023 04:26	WG2147481
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/09/2023 04:26	WG2147481
Ethylbenzene	0.0720	J	0.0212	0.100	1	10/09/2023 04:26	WG2147481
Tetrachloroethene	1.57		0.0280	0.100	1	10/09/2023 04:26	WG2147481
Toluene	0.195	J	0.0500	0.200	1	10/09/2023 04:26	WG2147481
Trichloroethene	1.31		0.0160	0.0400	1	10/09/2023 04:26	WG2147481
1,2,4-Trimethylbenzene	0.236		0.0464	0.200	1	10/09/2023 04:26	WG2147481
1,3,5-Trimethylbenzene	0.102	J	0.0432	0.200	1	10/09/2023 04:26	WG2147481
Vinyl chloride	0.156		0.0273	0.100	1	10/09/2023 04:26	WG2147481
Xylenes, Total	0.672		0.191	0.260	1	10/09/2023 04:26	WG2147481
(S) Toluene-d8	*102*			*75.0-131*		*10/09/2023 04:26*	WG2147481
(S) 4-Bromofluorobenzene	*99.0*			*67.0-138*		*10/09/2023 04:26*	WG2147481
(S) 1,2-Dichloroethane-d4	*112*			*70.0-130*		*10/09/2023 04:26*	WG2147481

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	2290		66.7	200	1	10/09/2023 05:42	WG2146189
Residual Range Organics (RRO)	438		83.3	250	1	10/09/2023 05:42	WG2146189
(S) o-Terphenyl	*104*			*52.0-156*		*10/09/2023 05:42*	WG2146189

Sample Narrative:

L1661056-24 WG2146189: Sample does not resemble laboratory standards.

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	336		66.7	200	1	10/09/2023 21:33	WG2146190
Residual Range Organics (RRO)	222	J	83.3	250	1	10/09/2023 21:33	WG2146190
(S) o-Terphenyl	*77.4*			*52.0-156*		*10/09/2023 21:33*	WG2146190

Sample Narrative:

L1661056-24 WG2146190: Sample does not resemble laboratory standards.

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Naphthalene	U		0.0917	0.250	1	10/04/2023 04:18	WG2143616
1-Methylnaphthalene	U		0.0687	0.250	1	10/04/2023 04:18	WG2143616
2-Methylnaphthalene	U		0.0674	0.250	1	10/04/2023 04:18	WG2143616
(S) Nitrobenzene-d5	*100*			*31.0-160*		*10/04/2023 04:18*	WG2143616
(S) 2-Fluorobiphenyl	*88.9*			*48.0-148*		*10/04/2023 04:18*	WG2143616
(S) p-Terphenyl-d14	*83.7*			*37.0-146*		*10/04/2023 04:18*	WG2143616

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Arsenic	16.2		4.40	10.0	1	10/07/2023 20:55	WG2142466
Lead	9.57		2.99	6.00	1	10/07/2023 20:55	WG2142466
Lead,Dissolved	4.58	J	2.99	6.00	1	10/16/2023 20:36	WG2149687

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	32.8	B J	31.6	100	1	10/06/2023 16:56	WG2146054
(S) a,a,a-Trifluorotoluene(FID)	*109*			*78.0-120*		*10/06/2023 16:56*	WG2146054

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0160	0.0400	1	10/09/2023 04:45	WG2147481
1,1-Dichloroethene	U		0.0200	0.100	1	10/09/2023 04:45	WG2147481
cis-1,2-Dichloroethene	U		0.0276	0.100	1	10/09/2023 04:45	WG2147481
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/09/2023 04:45	WG2147481
Ethylbenzene	U		0.0212	0.100	1	10/09/2023 04:45	WG2147481
Tetrachloroethene	0.0410	J	0.0280	0.100	1	10/09/2023 04:45	WG2147481
Toluene	U		0.0500	0.200	1	10/09/2023 04:45	WG2147481
Trichloroethene	U		0.0160	0.0400	1	10/09/2023 04:45	WG2147481
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	10/09/2023 04:45	WG2147481
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/09/2023 04:45	WG2147481
Vinyl chloride	U		0.0273	0.100	1	10/09/2023 04:45	WG2147481
Xylenes, Total	U		0.191	0.260	1	10/09/2023 04:45	WG2147481
(S) Toluene-d8	*100*			*75.0-131*		*10/09/2023 04:45*	WG2147481
(S) 4-Bromofluorobenzene	*98.1*			*67.0-138*		*10/09/2023 04:45*	WG2147481
(S) 1,2-Dichloroethane-d4	*113*			*70.0-130*		*10/09/2023 04:45*	WG2147481

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	126	J	66.7	200	1	10/09/2023 06:02	WG2146189
Residual Range Organics (RRO)	211	J	83.3	250	1	10/09/2023 06:02	WG2146189
(S) o-Terphenyl	*97.4*			*52.0-156*		*10/09/2023 06:02*	WG2146189

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	126	J	66.7	200	1	10/09/2023 06:02	WG2146190
Residual Range Organics (RRO)	211	J	83.3	250	1	10/09/2023 06:02	WG2146190
(S) o-Terphenyl	*97.4*			*52.0-156*		*10/09/2023 06:02*	WG2146190

Sample Narrative:

L1661056-25 WG2146190: Reporting from non-silica gel data due to non-detect to the RDL.

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Naphthalene	U		0.0917	0.250	1	10/04/2023 04:38	WG2143616
1-Methylnaphthalene	U		0.0687	0.250	1	10/04/2023 04:38	WG2143616
2-Methylnaphthalene	U		0.0674	0.250	1	10/04/2023 04:38	WG2143616
(S) Nitrobenzene-d5	*102*			*31.0-160*		*10/04/2023 04:38*	WG2143616
(S) 2-Fluorobiphenyl	*97.9*			*48.0-148*		*10/04/2023 04:38*	WG2143616
(S) p-Terphenyl-d14	*95.3*			*37.0-146*		*10/04/2023 04:38*	WG2143616

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Arsenic	U		4.40	10.0	1	10/07/2023 20:58	WG2142466
Lead	U		2.99	6.00	1	10/07/2023 20:58	WG2142466

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	121	B	31.6	100	1	10/06/2023 17:19	WG2146054
(S) a,a,a-Trifluorotoluene(FID)	*106*			*78.0-120*		*10/06/2023 17:19*	WG2146054

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	0.983		0.0160	0.0400	1	10/09/2023 05:04	WG2147481
1,1-Dichloroethene	0.0350	J	0.0200	0.100	1	10/09/2023 05:04	WG2147481
cis-1,2-Dichloroethene	5.91		0.0276	0.100	1	10/09/2023 05:04	WG2147481
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/09/2023 05:04	WG2147481
Ethylbenzene	0.0710	J	0.0212	0.100	1	10/09/2023 05:04	WG2147481
Tetrachloroethene	0.194		0.0280	0.100	1	10/09/2023 05:04	WG2147481
Toluene	0.197	J	0.0500	0.200	1	10/09/2023 05:04	WG2147481
Trichloroethene	0.528		0.0160	0.0400	1	10/09/2023 05:04	WG2147481
1,2,4-Trimethylbenzene	0.0790	J	0.0464	0.200	1	10/09/2023 05:04	WG2147481
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/09/2023 05:04	WG2147481
Vinyl chloride	0.0520	J	0.0273	0.100	1	10/09/2023 05:04	WG2147481
Xylenes, Total	0.441		0.191	0.260	1	10/09/2023 05:04	WG2147481
(S) Toluene-d8	*98.8*			*75.0-131*		*10/09/2023 05:04*	WG2147481
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*10/09/2023 05:04*	WG2147481
(S) 1,2-Dichloroethane-d4	*114*			*70.0-130*		*10/09/2023 05:04*	WG2147481

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	411		66.7	200	1	10/09/2023 06:22	WG2146189
Residual Range Organics (RRO)	362		83.3	250	1	10/09/2023 06:22	WG2146189
(S) o-Terphenyl	*103*			*52.0-156*		*10/09/2023 06:22*	WG2146189

Sample Narrative:

L1661056-26 WG2146189: Sample resembles laboratory standard for Diesel.

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	86.9	J	66.7	200	1	10/09/2023 21:53	WG2146190
Residual Range Organics (RRO)	155	J	83.3	250	1	10/09/2023 21:53	WG2146190
(S) o-Terphenyl	*79.5*			*52.0-156*		*10/09/2023 21:53*	WG2146190

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Naphthalene	U		0.0917	0.250	1	10/04/2023 04:58	WG2143616
1-Methylnaphthalene	U		0.0687	0.250	1	10/04/2023 04:58	WG2143616
2-Methylnaphthalene	U		0.0674	0.250	1	10/04/2023 04:58	WG2143616
(S) Nitrobenzene-d5	*100*			*31.0-160*		*10/04/2023 04:58*	WG2143616

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
(S) 2-Fluorobiphenyl	*98.9*			*48.0-148*		*10/04/2023 04:58*	WG2143616
(S) p-Terphenyl-d14	*93.7*			*37.0-146*		*10/04/2023 04:58*	WG2143616

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Arsenic	U		4.40	10.0	1	10/07/2023 20:15	WG2142466
Lead	U		2.99	6.00	1	10/07/2023 20:15	WG2142466

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	34.7	B J J3	31.6	100	1	10/06/2023 17:41	WG2146054
(S) a,a,a-Trifluorotoluene(FID)	*108*			*78.0-120*		*10/06/2023 17:41*	WG2146054

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	0.0270	J	0.0160	0.0400	1	10/09/2023 05:24	WG2147481
1,1-Dichloroethene	U		0.0200	0.100	1	10/09/2023 05:24	WG2147481
cis-1,2-Dichloroethene	U		0.0276	0.100	1	10/09/2023 05:24	WG2147481
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/09/2023 05:24	WG2147481
Ethylbenzene	0.0450	J	0.0212	0.100	1	10/09/2023 05:24	WG2147481
Tetrachloroethene	U		0.0280	0.100	1	10/09/2023 05:24	WG2147481
Toluene	0.134	J	0.0500	0.200	1	10/09/2023 05:24	WG2147481
Trichloroethene	U		0.0160	0.0400	1	10/09/2023 05:24	WG2147481
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	10/09/2023 05:24	WG2147481
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/09/2023 05:24	WG2147481
Vinyl chloride	U		0.0273	0.100	1	10/09/2023 05:24	WG2147481
Xylenes, Total	0.326		0.191	0.260	1	10/09/2023 05:24	WG2147481
(S) Toluene-d8	*101*			*75.0-131*		*10/09/2023 05:24*	WG2147481
(S) 4-Bromofluorobenzene	*102*			*67.0-138*		*10/09/2023 05:24*	WG2147481
(S) 1,2-Dichloroethane-d4	*115*			*70.0-130*		*10/09/2023 05:24*	WG2147481

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	170	J	66.7	200	1	10/09/2023 08:43	WG2146189
Residual Range Organics (RRO)	165	J	83.3	250	1	10/09/2023 08:43	WG2146189
(S) o-Terphenyl	*100*			*52.0-156*		*10/09/2023 08:43*	WG2146189

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	170	J	66.7	200	1	10/09/2023 08:43	WG2146190
Residual Range Organics (RRO)	165	J	83.3	250	1	10/09/2023 08:43	WG2146190
(S) o-Terphenyl	*100*			*52.0-156*		*10/09/2023 08:43*	WG2146190

Sample Narrative:

L1661056-27 WG2146190: Reporting from non-silica gel data due to non-detect to the RDL.

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Naphthalene	U		0.0917	0.250	1	10/04/2023 05:17	WG2143616
1-Methylnaphthalene	U		0.0687	0.250	1	10/04/2023 05:17	WG2143616
2-Methylnaphthalene	U		0.0674	0.250	1	10/04/2023 05:17	WG2143616
(S) Nitrobenzene-d5	*107*			*31.0-160*		*10/04/2023 05:17*	WG2143616

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
(S) 2-Fluorobiphenyl	*101*			*48.0-148*		*10/04/2023 05:17*	WG2143616
(S) p-Terphenyl-d14	*98.9*			*37.0-146*		*10/04/2023 05:17*	WG2143616

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Arsenic	5.88	J	4.40	10.0	1	10/07/2023 21:01	WG2142466
Lead	U		2.99	6.00	1	10/07/2023 21:01	WG2142466

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	41.5	B J	31.6	100	1	10/06/2023 18:04	WG2146054
(S) a,a,a-Trifluorotoluene(FID)	*109*			*78.0-120*		*10/06/2023 18:04*	WG2146054

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0160	0.0400	1	10/09/2023 05:43	WG2147481
1,1-Dichloroethene	U		0.0200	0.100	1	10/09/2023 05:43	WG2147481
cis-1,2-Dichloroethene	U		0.0276	0.100	1	10/09/2023 05:43	WG2147481
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/09/2023 05:43	WG2147481
Ethylbenzene	U		0.0212	0.100	1	10/09/2023 05:43	WG2147481
Tetrachloroethene	U		0.0280	0.100	1	10/09/2023 05:43	WG2147481
Toluene	0.117	J	0.0500	0.200	1	10/09/2023 05:43	WG2147481
Trichloroethene	U		0.0160	0.0400	1	10/09/2023 05:43	WG2147481
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	10/09/2023 05:43	WG2147481
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/09/2023 05:43	WG2147481
Vinyl chloride	U		0.0273	0.100	1	10/09/2023 05:43	WG2147481
Xylenes, Total	0.271		0.191	0.260	1	10/09/2023 05:43	WG2147481
(S) Toluene-d8	*100*			*75.0-131*		*10/09/2023 05:43*	WG2147481
(S) 4-Bromofluorobenzene	*100*			*67.0-138*		*10/09/2023 05:43*	WG2147481
(S) 1,2-Dichloroethane-d4	*112*			*70.0-130*		*10/09/2023 05:43*	WG2147481

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	236		66.7	200	1	10/09/2023 19:32	WG2146189
Residual Range Organics (RRO)	145	J	83.3	250	1	10/09/2023 19:32	WG2146189
(S) o-Terphenyl	*113*			*52.0-156*		*10/09/2023 19:32*	WG2146189

Sample Narrative:

L1661056-28 WG2146189: Sample does not resemble laboratory standards.

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	U		66.7	200	1	10/09/2023 19:52	WG2146190
Residual Range Organics (RRO)	102	J	83.3	250	1	10/09/2023 19:52	WG2146190
(S) o-Terphenyl	*71.1*			*52.0-156*		*10/09/2023 19:52*	WG2146190

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Naphthalene	U		0.0917	0.250	1	10/04/2023 19:55	WG2144432
1-Methylnaphthalene	U		0.0687	0.250	1	10/04/2023 19:55	WG2144432
2-Methylnaphthalene	U		0.0674	0.250	1	10/04/2023 19:55	WG2144432
(S) Nitrobenzene-d5	*103*			*31.0-160*		*10/04/2023 19:55*	WG2144432

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
(S) 2-Fluorobiphenyl	*91.6*			*48.0-148*		*10/04/2023 19:55*	WG2144432
(S) p-Terphenyl-d14	*113*			*37.0-146*		*10/04/2023 19:55*	WG2144432

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Arsenic	U		4.40	10.0	1	10/07/2023 21:04	WG2142466
Lead	U		2.99	6.00	1	10/07/2023 21:04	WG2142466

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	32.2	B J	31.6	100	1	10/06/2023 18:27	WG2146054
(S) a,a,a-Trifluorotoluene(FID)	*109*			*78.0-120*		*10/06/2023 18:27*	WG2146054

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0160	0.0400	1	10/09/2023 06:02	WG2147481
1,1-Dichloroethene	U		0.0200	0.100	1	10/09/2023 06:02	WG2147481
cis-1,2-Dichloroethene	U		0.0276	0.100	1	10/09/2023 06:02	WG2147481
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/09/2023 06:02	WG2147481
Ethylbenzene	U		0.0212	0.100	1	10/09/2023 06:02	WG2147481
Tetrachloroethene	U		0.0280	0.100	1	10/09/2023 06:02	WG2147481
Toluene	U		0.0500	0.200	1	10/09/2023 06:02	WG2147481
Trichloroethene	U		0.0160	0.0400	1	10/09/2023 06:02	WG2147481
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	10/09/2023 06:02	WG2147481
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/09/2023 06:02	WG2147481
Vinyl chloride	U		0.0273	0.100	1	10/09/2023 06:02	WG2147481
Xylenes, Total	U		0.191	0.260	1	10/09/2023 06:02	WG2147481
(S) Toluene-d8	*101*			*75.0-131*		*10/09/2023 06:02*	WG2147481
(S) 4-Bromofluorobenzene	*99.1*			*67.0-138*		*10/09/2023 06:02*	WG2147481
(S) 1,2-Dichloroethane-d4	*112*			*70.0-130*		*10/09/2023 06:02*	WG2147481

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	110	J	66.7	200	1	10/09/2023 07:02	WG2146189
Residual Range Organics (RRO)	211	J	83.3	250	1	10/09/2023 07:02	WG2146189
(S) o-Terphenyl	*97.9*			*52.0-156*		*10/09/2023 07:02*	WG2146189

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	110	J	66.7	200	1	10/09/2023 07:02	WG2146190
Residual Range Organics (RRO)	211	J	83.3	250	1	10/09/2023 07:02	WG2146190
(S) o-Terphenyl	*97.9*			*52.0-156*		*10/09/2023 07:02*	WG2146190

Sample Narrative:

L1661056-29 WG2146190: Reporting from non-silica gel data due to non-detect to the RDL.

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Naphthalene	U		0.0917	0.250	1	10/04/2023 05:37	WG2143616
1-Methylnaphthalene	U		0.0687	0.250	1	10/04/2023 05:37	WG2143616
2-Methylnaphthalene	U		0.0674	0.250	1	10/04/2023 05:37	WG2143616
(S) Nitrobenzene-d5	*104*			*31.0-160*		*10/04/2023 05:37*	WG2143616

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
(S) 2-Fluorobiphenyl	*100*			*48.0-148*		*10/04/2023 05:37*	WG2143616
(S) p-Terphenyl-d14	*96.8*			*37.0-146*		*10/04/2023 05:37*	WG2143616

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Arsenic	U		4.40	10.0	1	10/07/2023 21:07	WG2142466
Lead	U		2.99	6.00	1	10/07/2023 21:07	WG2142466

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	40.3	B J	31.6	100	1	10/06/2023 18:49	WG2146054
(S) a,a,a-Trifluorotoluene(FID)	*108*			*78.0-120*		*10/06/2023 18:49*	WG2146054

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0160	0.0400	1	10/09/2023 06:21	WG2147481
1,1-Dichloroethene	U		0.0200	0.100	1	10/09/2023 06:21	WG2147481
cis-1,2-Dichloroethene	U		0.0276	0.100	1	10/09/2023 06:21	WG2147481
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/09/2023 06:21	WG2147481
Ethylbenzene	0.0400	J	0.0212	0.100	1	10/09/2023 06:21	WG2147481
Tetrachloroethene	U		0.0280	0.100	1	10/09/2023 06:21	WG2147481
Toluene	0.115	J	0.0500	0.200	1	10/09/2023 06:21	WG2147481
Trichloroethene	U		0.0160	0.0400	1	10/09/2023 06:21	WG2147481
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	10/09/2023 06:21	WG2147481
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/09/2023 06:21	WG2147481
Vinyl chloride	U		0.0273	0.100	1	10/09/2023 06:21	WG2147481
Xylenes, Total	0.271		0.191	0.260	1	10/09/2023 06:21	WG2147481
(S) Toluene-d8	*100*			*75.0-131*		*10/09/2023 06:21*	WG2147481
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*10/09/2023 06:21*	WG2147481
(S) 1,2-Dichloroethane-d4	*116*			*70.0-130*		*10/09/2023 06:21*	WG2147481

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	250		66.7	200	1	10/09/2023 07:22	WG2146189
Residual Range Organics (RRO)	254		83.3	250	1	10/09/2023 07:22	WG2146189
(S) o-Terphenyl	*102*			*52.0-156*		*10/09/2023 07:22*	WG2146189

Sample Narrative:

L1661056-30 WG2146189: Sample resembles laboratory standard for Diesel.

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	80.4	J	66.7	200	1	10/09/2023 22:13	WG2146190
Residual Range Organics (RRO)	135	J	83.3	250	1	10/09/2023 22:13	WG2146190
(S) o-Terphenyl	*64.7*			*52.0-156*		*10/09/2023 22:13*	WG2146190

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Naphthalene	U		0.0917	0.250	1	10/04/2023 05:57	WG2143616
1-Methylnaphthalene	U		0.0687	0.250	1	10/04/2023 05:57	WG2143616
2-Methylnaphthalene	U		0.0674	0.250	1	10/04/2023 05:57	WG2143616
(S) Nitrobenzene-d5	*77.9*			*31.0-160*		*10/04/2023 05:57*	WG2143616

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
(S) 2-Fluorobiphenyl	*71.1*			*48.0-148*		*10/04/2023 05:57*	WG2143616
(S) p-Terphenyl-d14	*69.5*			*37.0-146*		*10/04/2023 05:57*	WG2143616

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	U		31.6	100	1	10/06/2023 19:12	WG2146054
(S) a,a,a-Trifluorotoluene(FID)	*109*			*78.0-120*		*10/06/2023 19:12*	WG2146054

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0160	0.0400	1	10/09/2023 06:40	WG2147481
1,1-Dichloroethene	U		0.0200	0.100	1	10/09/2023 06:40	WG2147481
cis-1,2-Dichloroethene	U		0.0276	0.100	1	10/09/2023 06:40	WG2147481
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/09/2023 06:40	WG2147481
Ethylbenzene	U		0.0212	0.100	1	10/09/2023 06:40	WG2147481
Tetrachloroethene	U		0.0280	0.100	1	10/09/2023 06:40	WG2147481
Toluene	U		0.0500	0.200	1	10/09/2023 06:40	WG2147481
Trichloroethene	U		0.0160	0.0400	1	10/09/2023 06:40	WG2147481
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	10/09/2023 06:40	WG2147481
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/09/2023 06:40	WG2147481
Vinyl chloride	U		0.0273	0.100	1	10/09/2023 06:40	WG2147481
Xylenes, Total	U		0.191	0.260	1	10/09/2023 06:40	WG2147481
(S) Toluene-d8	*101*			*75.0-131*		*10/09/2023 06:40*	WG2147481
(S) 4-Bromofluorobenzene	*99.2*			*67.0-138*		*10/09/2023 06:40*	WG2147481
(S) 1,2-Dichloroethane-d4	*115*			*70.0-130*		*10/09/2023 06:40*	WG2147481

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Arsenic	U		4.40	10.0	1	10/07/2023 21:09	WG2142466
Lead	U		2.99	6.00	1	10/07/2023 21:09	WG2142466

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	38.4	B J	31.6	100	1	10/07/2023 12:04	WG2146117
(S) a,a,a-Trifluorotoluene(FID)	*109*			*78.0-120*		*10/07/2023 12:04*	WG2146117

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0160	0.0400	1	10/09/2023 06:59	WG2147481
1,1-Dichloroethene	U		0.0200	0.100	1	10/09/2023 06:59	WG2147481
cis-1,2-Dichloroethene	U		0.0276	0.100	1	10/09/2023 06:59	WG2147481
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/09/2023 06:59	WG2147481
Ethylbenzene	U		0.0212	0.100	1	10/09/2023 06:59	WG2147481
Tetrachloroethene	U		0.0280	0.100	1	10/09/2023 06:59	WG2147481
Toluene	0.0600	J	0.0500	0.200	1	10/09/2023 06:59	WG2147481
Trichloroethene	U		0.0160	0.0400	1	10/09/2023 06:59	WG2147481
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	10/09/2023 06:59	WG2147481
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/09/2023 06:59	WG2147481
Vinyl chloride	U		0.0273	0.100	1	10/09/2023 06:59	WG2147481
Xylenes, Total	U		0.191	0.260	1	10/09/2023 06:59	WG2147481
(S) Toluene-d8	*99.9*			*75.0-131*		*10/09/2023 06:59*	WG2147481
(S) 4-Bromofluorobenzene	*102*			*67.0-138*		*10/09/2023 06:59*	WG2147481
(S) 1,2-Dichloroethane-d4	*113*			*70.0-130*		*10/09/2023 06:59*	WG2147481

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	U		66.7	200	1	10/09/2023 07:42	WG2146189
Residual Range Organics (RRO)	145	J	83.3	250	1	10/09/2023 07:42	WG2146189
(S) o-Terphenyl	*105*			*52.0-156*		*10/09/2023 07:42*	WG2146189

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	U		66.7	200	1	10/09/2023 07:42	WG2146190
Residual Range Organics (RRO)	145	J	83.3	250	1	10/09/2023 07:42	WG2146190
(S) o-Terphenyl	*105*			*52.0-156*		*10/09/2023 07:42*	WG2146190

Sample Narrative:

L1661056-32 WG2146190: Reporting from non-silica gel data due to non-detect to the RDL.

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Naphthalene	U		0.0917	0.250	1	10/05/2023 15:29	WG2143653
1-Methylnaphthalene	U		0.0687	0.250	1	10/05/2023 15:29	WG2143653
2-Methylnaphthalene	U		0.0674	0.250	1	10/05/2023 15:29	WG2143653
(S) Nitrobenzene-d5	*110*			*31.0-160*		*10/05/2023 15:29*	WG2143653

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
(S) 2-Fluorobiphenyl	*93.7*			*48.0-148*		*10/05/2023 15:29*	WG2143653
(S) p-Terphenyl-d14	*89.5*			*37.0-146*		*10/05/2023 15:29*	WG2143653

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Arsenic	U		4.40	10.0	1	10/07/2023 21:18	WG2142466
Lead	U		2.99	6.00	1	10/07/2023 21:18	WG2142466

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	35.6	B J	31.6	100	1	10/07/2023 12:27	WG2146117
(S) a,a,a-Trifluorotoluene(FID)	*109*			*78.0-120*		*10/07/2023 12:27*	WG2146117

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0160	0.0400	1	10/09/2023 07:18	WG2147481
1,1-Dichloroethene	U		0.0200	0.100	1	10/09/2023 07:18	WG2147481
cis-1,2-Dichloroethene	U		0.0276	0.100	1	10/09/2023 07:18	WG2147481
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/09/2023 07:18	WG2147481
Ethylbenzene	U		0.0212	0.100	1	10/09/2023 07:18	WG2147481
Tetrachloroethene	U		0.0280	0.100	1	10/09/2023 07:18	WG2147481
Toluene	0.0790	J	0.0500	0.200	1	10/09/2023 07:18	WG2147481
Trichloroethene	U		0.0160	0.0400	1	10/09/2023 07:18	WG2147481
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	10/09/2023 07:18	WG2147481
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/09/2023 07:18	WG2147481
Vinyl chloride	U		0.0273	0.100	1	10/09/2023 07:18	WG2147481
Xylenes, Total	U		0.191	0.260	1	10/09/2023 07:18	WG2147481
(S) Toluene-d8	*101*			*75.0-131*		*10/09/2023 07:18*	WG2147481
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*10/09/2023 07:18*	WG2147481
(S) 1,2-Dichloroethane-d4	*112*			*70.0-130*		*10/09/2023 07:18*	WG2147481

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	U		66.7	200	1	10/09/2023 08:03	WG2146189
Residual Range Organics (RRO)	128	J	83.3	250	1	10/09/2023 08:03	WG2146189
(S) o-Terphenyl	*98.4*			*52.0-156*		*10/09/2023 08:03*	WG2146189

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	U		66.7	200	1	10/09/2023 08:03	WG2146190
Residual Range Organics (RRO)	128	J	83.3	250	1	10/09/2023 08:03	WG2146190
(S) o-Terphenyl	*98.4*			*52.0-156*		*10/09/2023 08:03*	WG2146190

Sample Narrative:

L1661056-33 WG2146190: Reporting from non-silica gel data due to non-detect to the RDL.

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Naphthalene	U		0.0917	0.250	1	10/05/2023 15:47	WG2143653
1-Methylnaphthalene	U		0.0687	0.250	1	10/05/2023 15:47	WG2143653
2-Methylnaphthalene	U		0.0674	0.250	1	10/05/2023 15:47	WG2143653
(S) Nitrobenzene-d5	*112*			*31.0-160*		*10/05/2023 15:47*	WG2143653

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
(S) 2-Fluorobiphenyl	*92.6*			*48.0-148*		*10/05/2023 15:47*	WG2143653
(S) p-Terphenyl-d14	*83.7*			*37.0-146*		*10/05/2023 15:47*	WG2143653

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Arsenic	5.45	J	4.40	10.0	1	10/07/2023 20:26	WG2142466
Lead	U		2.99	6.00	1	10/07/2023 20:26	WG2142466

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	73.4	B J	31.6	100	1	10/07/2023 12:50	WG2146117
(S) a,a,a-Trifluorotoluene(FID)	*109*			*78.0-120*		*10/07/2023 12:50*	WG2146117

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	0.544		0.0160	0.0400	1	10/09/2023 07:37	WG2147481
1,1-Dichloroethene	U		0.0200	0.100	1	10/09/2023 07:37	WG2147481
cis-1,2-Dichloroethene	U		0.0276	0.100	1	10/09/2023 07:37	WG2147481
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/09/2023 07:37	WG2147481
Ethylbenzene	0.0630	J	0.0212	0.100	1	10/09/2023 07:37	WG2147481
Tetrachloroethene	U		0.0280	0.100	1	10/09/2023 07:37	WG2147481
Toluene	0.142	J	0.0500	0.200	1	10/09/2023 07:37	WG2147481
Trichloroethene	U		0.0160	0.0400	1	10/09/2023 07:37	WG2147481
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	10/09/2023 07:37	WG2147481
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/09/2023 07:37	WG2147481
Vinyl chloride	U		0.0273	0.100	1	10/09/2023 07:37	WG2147481
Xylenes, Total	0.399		0.191	0.260	1	10/09/2023 07:37	WG2147481
(S) Toluene-d8	*101*			*75.0-131*		*10/09/2023 07:37*	WG2147481
(S) 4-Bromofluorobenzene	*98.1*			*67.0-138*		*10/09/2023 07:37*	WG2147481
(S) 1,2-Dichloroethane-d4	*111*			*70.0-130*		*10/09/2023 07:37*	WG2147481

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	524		66.7	200	1	10/09/2023 09:43	WG2146189
Residual Range Organics (RRO)	408		83.3	250	1	10/09/2023 09:43	WG2146189
(S) o-Terphenyl	*97.4*			*52.0-156*		*10/09/2023 09:43*	WG2146189

Sample Narrative:

L1661056-34 WG2146189: Sample resembles laboratory standard for Diesel.

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	158	J	66.7	200	1	10/09/2023 22:33	WG2146190
Residual Range Organics (RRO)	U		83.3	250	1	10/09/2023 22:33	WG2146190
(S) o-Terphenyl	*72.6*			*52.0-156*		*10/09/2023 22:33*	WG2146190

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Naphthalene	0.694		0.0917	0.250	1	10/05/2023 16:05	WG2143653
1-Methylnaphthalene	U		0.0687	0.250	1	10/05/2023 16:05	WG2143653
2-Methylnaphthalene	U		0.0674	0.250	1	10/05/2023 16:05	WG2143653
(S) Nitrobenzene-d5	*102*			*31.0-160*		*10/05/2023 16:05*	WG2143653

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
(S) 2-Fluorobiphenyl	*86.8*			*48.0-148*		*10/05/2023 16:05*	WG2143653
(S) p-Terphenyl-d14	*84.7*			*37.0-146*		*10/05/2023 16:05*	WG2143653

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Arsenic	U		4.40	10.0	1	10/07/2023 21:21	WG2142466
Lead	U		2.99	6.00	1	10/07/2023 21:21	WG2142466

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	35.2	B J	31.6	100	1	10/07/2023 13:13	WG2146117
(S) a,a,a-Trifluorotoluene(FID)	*109*			*78.0-120*		*10/07/2023 13:13*	WG2146117

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0160	0.0400	1	10/09/2023 07:56	WG2147481
1,1-Dichloroethene	U		0.0200	0.100	1	10/09/2023 07:56	WG2147481
cis-1,2-Dichloroethene	0.0450	J	0.0276	0.100	1	10/09/2023 07:56	WG2147481
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/09/2023 07:56	WG2147481
Ethylbenzene	0.0580	J	0.0212	0.100	1	10/09/2023 07:56	WG2147481
Tetrachloroethene	U		0.0280	0.100	1	10/09/2023 07:56	WG2147481
Toluene	0.143	J	0.0500	0.200	1	10/09/2023 07:56	WG2147481
Trichloroethene	U		0.0160	0.0400	1	10/09/2023 07:56	WG2147481
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	10/09/2023 07:56	WG2147481
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/09/2023 07:56	WG2147481
Vinyl chloride	U		0.0273	0.100	1	10/09/2023 07:56	WG2147481
Xylenes, Total	0.351		0.191	0.260	1	10/09/2023 07:56	WG2147481
(S) Toluene-d8	*100*			*75.0-131*		*10/09/2023 07:56*	WG2147481
(S) 4-Bromofluorobenzene	*98.6*			*67.0-138*		*10/09/2023 07:56*	WG2147481
(S) 1,2-Dichloroethane-d4	*116*			*70.0-130*		*10/09/2023 07:56*	WG2147481

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	131	J	66.7	200	1	10/09/2023 08:23	WG2146189
Residual Range Organics (RRO)	174	J	83.3	250	1	10/09/2023 08:23	WG2146189
(S) o-Terphenyl	*101*			*52.0-156*		*10/09/2023 08:23*	WG2146189

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	131	J	66.7	200	1	10/09/2023 08:23	WG2146190
Residual Range Organics (RRO)	174	J	83.3	250	1	10/09/2023 08:23	WG2146190
(S) o-Terphenyl	*101*			*52.0-156*		*10/09/2023 08:23*	WG2146190

Sample Narrative:

L1661056-35 WG2146190: Reporting from non-silica gel data due to non-detect to the RDL.

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Naphthalene	U		0.0917	0.250	1	10/05/2023 16:58	WG2143653
1-Methylnaphthalene	U		0.0687	0.250	1	10/05/2023 16:58	WG2143653
2-Methylnaphthalene	U		0.0674	0.250	1	10/05/2023 16:58	WG2143653
(S) Nitrobenzene-d5	*105*			*31.0-160*		*10/05/2023 16:58*	WG2143653

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
(S) 2-Fluorobiphenyl	*88.4*			*48.0-148*		*10/05/2023 16:58*	WG2143653
(S) p-Terphenyl-d14	*81.6*			*37.0-146*		*10/05/2023 16:58*	WG2143653

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Arsenic	5.42	J	4.40	10.0	1	10/07/2023 21:24	WG2142466
Lead	U		2.99	6.00	1	10/07/2023 21:24	WG2142466

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	38.1	B J	31.6	100	1	10/07/2023 13:35	WG2146117
(S) a,a,a-Trifluorotoluene(FID)	*108*			*78.0-120*		*10/07/2023 13:35*	WG2146117

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	0.0330	J	0.0160	0.0400	1	10/09/2023 20:17	WG2148050
1,1-Dichloroethene	U		0.0200	0.100	1	10/09/2023 20:17	WG2148050
cis-1,2-Dichloroethene	0.0730	J	0.0276	0.100	1	10/09/2023 20:17	WG2148050
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/09/2023 20:17	WG2148050
Ethylbenzene	0.0380	J	0.0212	0.100	1	10/09/2023 20:17	WG2148050
Tetrachloroethene	U		0.0280	0.100	1	10/09/2023 20:17	WG2148050
Toluene	0.100	J	0.0500	0.200	1	10/09/2023 20:17	WG2148050
Trichloroethene	U		0.0160	0.0400	1	10/09/2023 20:17	WG2148050
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	10/09/2023 20:17	WG2148050
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/09/2023 20:17	WG2148050
Vinyl chloride	U		0.0273	0.100	1	10/09/2023 20:17	WG2148050
Xylenes, Total	0.243	J	0.191	0.260	1	10/09/2023 20:17	WG2148050
(S) Toluene-d8	*103*			*75.0-131*		*10/09/2023 20:17*	WG2148050
(S) 4-Bromofluorobenzene	*86.8*			*67.0-138*		*10/09/2023 20:17*	WG2148050
(S) 1,2-Dichloroethane-d4	*112*			*70.0-130*		*10/09/2023 20:17*	WG2148050

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	U		66.7	200	1	10/08/2023 23:15	WG2146191
Residual Range Organics (RRO)	U		83.3	250	1	10/08/2023 23:15	WG2146191
(S) o-Terphenyl	*101*			*52.0-156*		*10/08/2023 23:15*	WG2146191

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	U		66.7	200	1	10/08/2023 23:15	WG2146192
Residual Range Organics (RRO)	U		83.3	250	1	10/08/2023 23:15	WG2146192
(S) o-Terphenyl	*101*			*52.0-156*		*10/08/2023 23:15*	WG2146192

Sample Narrative:

L1661056-36 WG2146192: Reporting from non-silica gel data due to non-detect to the RDL.

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Naphthalene	U		0.0917	0.250	1	10/05/2023 17:16	WG2143653
1-Methylnaphthalene	U		0.0687	0.250	1	10/05/2023 17:16	WG2143653
2-Methylnaphthalene	U		0.0674	0.250	1	10/05/2023 17:16	WG2143653
(S) Nitrobenzene-d5	*102*			*31.0-160*		*10/05/2023 17:16*	WG2143653

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
(S) 2-Fluorobiphenyl	*83.2*			*48.0-148*		*10/05/2023 17:16*	WG2143653
(S) p-Terphenyl-d14	*76.8*			*37.0-146*		*10/05/2023 17:16*	WG2143653

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Arsenic	U		4.40	10.0	1	10/07/2023 21:27	WG2142466
Lead	U		2.99	6.00	1	10/07/2023 21:27	WG2142466

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	34.7	B J	31.6	100	1	10/07/2023 13:58	WG2146117
(S) a,a,a-Trifluorotoluene(FID)	*109*			*78.0-120*		*10/07/2023 13:58*	WG2146117

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0160	0.0400	1	10/09/2023 20:36	WG2148050
1,1-Dichloroethene	U		0.0200	0.100	1	10/09/2023 20:36	WG2148050
cis-1,2-Dichloroethene	U		0.0276	0.100	1	10/09/2023 20:36	WG2148050
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/09/2023 20:36	WG2148050
Ethylbenzene	0.0530	J	0.0212	0.100	1	10/09/2023 20:36	WG2148050
Tetrachloroethene	U		0.0280	0.100	1	10/09/2023 20:36	WG2148050
Toluene	0.119	J	0.0500	0.200	1	10/09/2023 20:36	WG2148050
Trichloroethene	U		0.0160	0.0400	1	10/09/2023 20:36	WG2148050
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	10/09/2023 20:36	WG2148050
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/09/2023 20:36	WG2148050
Vinyl chloride	U		0.0273	0.100	1	10/09/2023 20:36	WG2148050
Xylenes, Total	0.271		0.191	0.260	1	10/09/2023 20:36	WG2148050
(S) Toluene-d8	*105*			*75.0-131*		*10/09/2023 20:36*	WG2148050
(S) 4-Bromofluorobenzene	*81.7*			*67.0-138*		*10/09/2023 20:36*	WG2148050
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*10/09/2023 20:36*	WG2148050

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	U		66.7	200	1	10/08/2023 23:35	WG2146191
Residual Range Organics (RRO)	113	J	83.3	250	1	10/08/2023 23:35	WG2146191
(S) o-Terphenyl	*97.4*			*52.0-156*		*10/08/2023 23:35*	WG2146191

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	U		66.7	200	1	10/08/2023 23:35	WG2146192
Residual Range Organics (RRO)	113	J	83.3	250	1	10/08/2023 23:35	WG2146192
(S) o-Terphenyl	*97.4*			*52.0-156*		*10/08/2023 23:35*	WG2146192

Sample Narrative:

L1661056-37 WG2146192: Reporting from non-silica gel data due to non-detect to the RDL.

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Naphthalene	U		0.0917	0.250	1	10/05/2023 17:33	WG2143653
1-Methylnaphthalene	U		0.0687	0.250	1	10/05/2023 17:33	WG2143653
2-Methylnaphthalene	U		0.0674	0.250	1	10/05/2023 17:33	WG2143653
(S) Nitrobenzene-d5	*104*			*31.0-160*		*10/05/2023 17:33*	WG2143653

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
(S) 2-Fluorobiphenyl	*92.1*			*48.0-148*		*10/05/2023 17:33*	WG2143653
(S) p-Terphenyl-d14	*86.3*			*37.0-146*		*10/05/2023 17:33*	WG2143653

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Arsenic	U		4.40	10.0	1	10/07/2023 21:29	WG2142466
Lead	U		2.99	6.00	1	10/07/2023 21:29	WG2142466

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	31.6	J	31.6	100	1	10/07/2023 14:20	WG2146117
(S) a,a,a-Trifluorotoluene(FID)	*108*			*78.0-120*		*10/07/2023 14:20*	WG2146117

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	0.0350	J	0.0160	0.0400	1	10/09/2023 20:56	WG2148050
1,1-Dichloroethene	U		0.0200	0.100	1	10/09/2023 20:56	WG2148050
cis-1,2-Dichloroethene	0.0800	J	0.0276	0.100	1	10/09/2023 20:56	WG2148050
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/09/2023 20:56	WG2148050
Ethylbenzene	0.0500	J	0.0212	0.100	1	10/09/2023 20:56	WG2148050
Tetrachloroethene	U		0.0280	0.100	1	10/09/2023 20:56	WG2148050
Toluene	0.129	J	0.0500	0.200	1	10/09/2023 20:56	WG2148050
Trichloroethene	U		0.0160	0.0400	1	10/09/2023 20:56	WG2148050
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	10/09/2023 20:56	WG2148050
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/09/2023 20:56	WG2148050
Vinyl chloride	U		0.0273	0.100	1	10/09/2023 20:56	WG2148050
Xylenes, Total	0.305		0.191	0.260	1	10/09/2023 20:56	WG2148050
(S) Toluene-d8	*103*			*75.0-131*		*10/09/2023 20:56*	WG2148050
(S) 4-Bromofluorobenzene	*82.9*			*67.0-138*		*10/09/2023 20:56*	WG2148050
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*10/09/2023 20:56*	WG2148050

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	U		66.7	200	1	10/08/2023 23:55	WG2146191
Residual Range Organics (RRO)	86.1	J	83.3	250	1	10/08/2023 23:55	WG2146191
(S) o-Terphenyl	*100*			*52.0-156*		*10/08/2023 23:55*	WG2146191

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	U		66.7	200	1	10/08/2023 23:55	WG2146192
Residual Range Organics (RRO)	86.1	J	83.3	250	1	10/08/2023 23:55	WG2146192
(S) o-Terphenyl	*100*			*52.0-156*		*10/08/2023 23:55*	WG2146192

Sample Narrative:

L1661056-38 WG2146192: Reporting from non-silica gel data due to non-detect to the RDL.

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Naphthalene	U		0.0917	0.250	1	10/05/2023 17:51	WG2143653
1-Methylnaphthalene	U		0.0687	0.250	1	10/05/2023 17:51	WG2143653
2-Methylnaphthalene	U		0.0674	0.250	1	10/05/2023 17:51	WG2143653
(S) Nitrobenzene-d5	*100*			*31.0-160*		*10/05/2023 17:51*	WG2143653

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
(S) 2-Fluorobiphenyl	*88.9*			*48.0-148*		*10/05/2023 17:51*	WG2143653
(S) p-Terphenyl-d14	*81.1*			*37.0-146*		*10/05/2023 17:51*	WG2143653

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	U		31.6	100	1	10/07/2023 14:43	WG2146117
(S) a,a,a-Trifluorotoluene(FID)	*108*			*78.0-120*		*10/07/2023 14:43*	WG2146117

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	U		0.0160	0.0400	1	10/09/2023 21:15	WG2148050
1,1-Dichloroethene	U		0.0200	0.100	1	10/09/2023 21:15	WG2148050
cis-1,2-Dichloroethene	U		0.0276	0.100	1	10/09/2023 21:15	WG2148050
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/09/2023 21:15	WG2148050
Ethylbenzene	0.0520	J	0.0212	0.100	1	10/09/2023 21:15	WG2148050
Tetrachloroethene	U		0.0280	0.100	1	10/09/2023 21:15	WG2148050
Toluene	0.161	J	0.0500	0.200	1	10/09/2023 21:15	WG2148050
Trichloroethene	U		0.0160	0.0400	1	10/09/2023 21:15	WG2148050
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	10/09/2023 21:15	WG2148050
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/09/2023 21:15	WG2148050
Vinyl chloride	U		0.0273	0.100	1	10/09/2023 21:15	WG2148050
Xylenes, Total	0.280		0.191	0.260	1	10/09/2023 21:15	WG2148050
(S) Toluene-d8	*103*			*75.0-131*		*10/09/2023 21:15*	WG2148050
(S) 4-Bromofluorobenzene	*87.3*			*67.0-138*		*10/09/2023 21:15*	WG2148050
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*10/09/2023 21:15*	WG2148050

Method Blank (MB)

(MB) R3983402-1 10/07/23 20:09

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Arsenic	U		4.40	10.0
Lead	U		2.99	6.00

Laboratory Control Sample (LCS)

(LCS) R3983402-2 10/07/23 20:12

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Arsenic	1000	1020	102	80.0-120	
Lead	1000	997	99.7	80.0-120	

L1661056-27 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1661056-27 10/07/23 20:15 • (MS) R3983402-4 10/07/23 20:21 • (MSD) R3983402-5 10/07/23 20:23

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Arsenic	1000	U	1020	1030	102	103	1	75.0-125			1.13	20
Lead	1000	U	989	993	98.9	99.3	1	75.0-125			0.426	20

L1661056-34 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1661056-34 10/07/23 20:26 • (MS) R3983402-6 10/07/23 20:29 • (MSD) R3983402-7 10/07/23 20:32

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Arsenic	1000	5.45	1030	1020	102	101	1	75.0-125			1.01	20
Lead	1000	U	993	973	99.3	97.3	1	75.0-125			2.09	20

Method Blank (MB)

(MB) R3983971-1 10/09/23 15:10

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Arsenic	U		4.40	10.0
Lead	U		2.99	6.00

Laboratory Control Sample (LCS)

(LCS) R3983971-2 10/09/23 15:12

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Arsenic	1000	1020	102	80.0-120	
Lead	1000	1040	104	80.0-120	

L1661056-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1661056-03 10/09/23 15:15 • (MS) R3983971-4 10/09/23 15:20 • (MSD) R3983971-5 10/09/23 15:23

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Arsenic	1000	U	1040	1030	104	103	1	75.0-125			1.41	20
Lead	1000	U	1050	1040	105	104	1	75.0-125			1.17	20

Method Blank (MB)

(MB) R3986931-1 10/16/23 19:52

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Lead,Dissolved	U		2.99	6.00

Laboratory Control Sample (LCS)

(LCS) R3986931-2 10/16/23 19:55

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Lead,Dissolved	1000	939	93.9	80.0-120	

L1665007-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1665007-01 10/16/23 19:58 • (MS) R3986931-4 10/16/23 20:04 • (MSD) R3986931-5 10/16/23 20:07

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Lead,Dissolved	1000	6.64	987	970	98.0	96.3	1	75.0-125			1.74	20

Method Blank (MB)

(MB) R3989085-1 10/20/23 07:53

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Lead,Dissolved	U		2.99	6.00

Laboratory Control Sample (LCS)

(LCS) R3989085-2 10/20/23 07:55

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Lead,Dissolved	1000	975	97.5	80.0-120	

L1666568-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1666568-03 10/20/23 07:58 • (MS) R3989085-4 10/20/23 08:03 • (MSD) R3989085-5 10/20/23 08:05

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Lead,Dissolved	1000	U	963	979	96.3	97.9	1	75.0-125			1.56	20

Method Blank (MB)

(MB) R3981640-2 10/03/23 23:29

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Gasoline Range Organics-NWTPH	U		31.6	100
(S) a,a,a-Trifluorotoluene(FID)	*108*			*78.0-120*

Laboratory Control Sample (LCS)

(LCS) R3981640-1 10/03/23 22:10

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Gasoline Range Organics-NWTPH	5500	5080	92.4	70.0-124	
(S) a,a,a-Trifluorotoluene(FID)			*104*	*78.0-120*	

Method Blank (MB)

(MB) R3982252-2 10/04/23 15:27

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Gasoline Range Organics-NWTPH	U		31.6	100
(S) a,a,a-Trifluorotoluene(FID)	*107*			*78.0-120*

Laboratory Control Sample (LCS)

(LCS) R3982252-1 10/04/23 14:23

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Gasoline Range Organics-NWTPH	5500	5230	95.1	70.0-124	
(S) a,a,a-Trifluorotoluene(FID)			*99.8*	*78.0-120*	

Method Blank (MB)

(MB) R3983360-2 10/06/23 18:00

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Gasoline Range Organics-NWTPH	U		31.6	100
(S) a,a,a-Trifluorotoluene(FID)	*105*			*78.0-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3983360-1 10/06/23 16:55 • (LCSD) R3983360-3 10/06/23 21:25

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Gasoline Range Organics-NWTPH	5500	5920	5210	108	94.7	70.0-124			12.8	20
(S) a,a,a-Trifluorotoluene(FID)				*101*	*100*	*78.0-120*				

Method Blank (MB)

(MB) R3984231-2 10/06/23 12:31

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Gasoline Range Organics-NWTPH	60.8	J	31.6	100
(S) a,a,a-Trifluorotoluene(FID)	*108*			*78.0-120*

Laboratory Control Sample (LCS)

(LCS) R3984231-1 10/06/23 11:34

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Gasoline Range Organics-NWTPH	5500	4950	90.0	70.0-124	
(S) a,a,a-Trifluorotoluene(FID)			*114*	*78.0-120*	

L1661056-27 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1661056-27 10/06/23 17:41 • (MS) R3984231-3 10/06/23 20:42 • (MSD) R3984231-4 10/06/23 21:04

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Gasoline Range Organics-NWTPH	550	34.7	230	417	35.5	69.5	1	10.0-155		J3	57.8	21
(S) a,a,a-Trifluorotoluene(FID)					*108*	*107*		*78.0-120*				

Method Blank (MB)

(MB) R3983873-2 10/07/23 11:05

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Gasoline Range Organics-NWTPH	48.7	J	31.6	100
(S) a,a,a-Trifluorotoluene(FID)	*109*			*78.0-120*

Laboratory Control Sample (LCS)

(LCS) R3983873-1 10/07/23 09:39

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Gasoline Range Organics-NWTPH	5500	5260	95.6	70.0-124	
(S) a,a,a-Trifluorotoluene(FID)			*114*	*78.0-120*	

L1661056-34 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1661056-34 10/07/23 12:50 • (MS) R3983873-3 10/07/23 19:14 • (MSD) R3983873-4 10/07/23 19:36

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Gasoline Range Organics-NWTPH	5500	73.4	3960	4270	70.7	76.3	1	10.0-155			7.53	21
(S) a,a,a-Trifluorotoluene(FID)					*113*	*112*		*78.0-120*				

Method Blank (MB)

(MB) R3983890-2 10/06/23 23:19

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Gasoline Range Organics-NWTPH	48.0	J	31.6	100
(S) a,a,a-Trifluorotoluene(FID)	*108*			*78.0-120*

Laboratory Control Sample (LCS)

(LCS) R3983890-1 10/06/23 22:12

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Gasoline Range Organics-NWTPH	5500	5870	107	70.0-124	
(S) a,a,a-Trifluorotoluene(FID)			*115*	*78.0-120*	

Method Blank (MB)

(MB) R3981889-3 10/02/23 15:47

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0160	0.0400
1,1-Dichloroethene	U		0.0200	0.100
cis-1,2-Dichloroethene	U		0.0276	0.100
trans-1,2-Dichloroethene	U		0.0572	0.200
Ethylbenzene	U		0.0212	0.100
Tetrachloroethene	U		0.0280	0.100
Toluene	U		0.0500	0.200
Trichloroethene	U		0.0160	0.0400
1,2,4-Trimethylbenzene	U		0.0464	0.200
1,3,5-Trimethylbenzene	U		0.0432	0.200
Vinyl chloride	U		0.0273	0.100
Xylenes, Total	U		0.191	0.260
(S) Toluene-d8	*99.4*			*75.0-131*
(S) 4-Bromofluorobenzene	*93.0*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3981889-1 10/02/23 14:31 • (LCSD) R3981889-2 10/02/23 14:50

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	5.00	4.78	4.81	95.6	96.2	70.0-123			0.626	20
1,1-Dichloroethene	5.00	4.30	4.24	86.0	84.8	65.0-131			1.41	20
cis-1,2-Dichloroethene	5.00	4.56	4.72	91.2	94.4	73.0-125			3.45	20
trans-1,2-Dichloroethene	5.00	4.77	4.94	95.4	98.8	71.0-125			3.50	20
Ethylbenzene	5.00	4.82	4.84	96.4	96.8	74.0-126			0.414	20
Tetrachloroethene	5.00	4.83	4.98	96.6	99.6	70.0-136			3.06	20
Toluene	5.00	4.83	4.92	96.6	98.4	75.0-121			1.85	20
Trichloroethene	5.00	4.86	4.87	97.2	97.4	76.0-126			0.206	20
1,2,4-Trimethylbenzene	5.00	5.23	5.54	105	111	70.0-126			5.76	20
1,3,5-Trimethylbenzene	5.00	5.13	5.57	103	111	73.0-127			8.22	20
Vinyl chloride	5.00	4.31	4.12	86.2	82.4	63.0-134			4.51	20
Xylenes, Total	15.0	13.8	13.7	92.0	91.3	72.0-127			0.727	20
(S) Toluene-d8				*98.4*	*98.6*	*75.0-131*				
(S) 4-Bromofluorobenzene				*94.8*	*91.4*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*109*	*112*	*70.0-130*				

Method Blank (MB)

(MB) R3984255-3 10/09/23 01:06

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0160	0.0400
1,1-Dichloroethene	U		0.0200	0.100
cis-1,2-Dichloroethene	U		0.0276	0.100
trans-1,2-Dichloroethene	U		0.0572	0.200
Ethylbenzene	U		0.0212	0.100
Tetrachloroethene	U		0.0280	0.100
Toluene	U		0.0500	0.200
Trichloroethene	U		0.0160	0.0400
1,2,4-Trimethylbenzene	U		0.0464	0.200
1,3,5-Trimethylbenzene	U		0.0432	0.200
Vinyl chloride	U		0.0273	0.100
Xylenes, Total	U		0.191	0.260
(S) Toluene-d8	*101*			*75.0-131*
(S) 4-Bromofluorobenzene	*100*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*113*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3984255-1 10/08/23 23:50 • (LCSD) R3984255-2 10/09/23 00:09

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	5.00	5.08	5.31	102	106	70.0-123			4.43	20
1,1-Dichloroethene	5.00	5.52	5.70	110	114	65.0-131			3.21	20
cis-1,2-Dichloroethene	5.00	4.87	5.08	97.4	102	73.0-125			4.22	20
trans-1,2-Dichloroethene	5.00	4.87	5.09	97.4	102	71.0-125			4.42	20
Ethylbenzene	5.00	5.03	5.31	101	106	74.0-126			5.42	20
Tetrachloroethene	5.00	5.01	5.27	100	105	70.0-136			5.06	20
Toluene	5.00	5.02	5.23	100	105	75.0-121			4.10	20
Trichloroethene	5.00	5.19	5.21	104	104	76.0-126			0.385	20
1,2,4-Trimethylbenzene	5.00	5.96	6.17	119	123	70.0-126			3.46	20
1,3,5-Trimethylbenzene	5.00	6.01	6.17	120	123	73.0-127			2.63	20
Vinyl chloride	5.00	5.13	5.29	103	106	63.0-134			3.07	20
Xylenes, Total	15.0	15.3	16.3	102	109	72.0-127			6.33	20
(S) Toluene-d8				*99.6*	*99.5*	*75.0-131*				
(S) 4-Bromofluorobenzene				*100*	*102*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*110*	*112*	*70.0-130*				

L1661056-27 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1661056-27 10/09/23 05:24 • (MS) R3984255-4 10/09/23 08:15 • (MSD) R3984255-5 10/09/23 08:34

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Benzene	5.00	0.0270	6.30	6.25	125	124	1	10.0-149			0.797	37
1,1-Dichloroethene	5.00	U	7.00	7.02	140	140	1	10.0-155			0.285	37
cis-1,2-Dichloroethene	5.00	U	5.99	5.98	120	120	1	10.0-149			0.167	37
trans-1,2-Dichloroethene	5.00	U	5.94	5.98	119	120	1	10.0-150			0.671	37
Ethylbenzene	5.00	0.0450	6.08	6.19	121	123	1	10.0-160			1.79	38
Tetrachloroethene	5.00	U	6.17	6.17	123	123	1	10.0-156			0.000	39
Toluene	5.00	0.134	6.34	6.24	124	122	1	10.0-156			1.59	38
Trichloroethene	5.00	U	5.96	5.98	119	120	1	10.0-156			0.335	38
1,2,4-Trimethylbenzene	5.00	U	7.23	7.50	145	150	1	10.0-160			3.67	36
1,3,5-Trimethylbenzene	5.00	U	7.31	7.54	146	151	1	10.0-160			3.10	38
Vinyl chloride	5.00	U	6.79	6.62	136	132	1	10.0-160			2.54	37
Xylenes, Total	15.0	0.326	19.0	18.2	124	119	1	10.0-160			4.30	38
(S) Toluene-d8					*98.4*	*96.8*		*75.0-131*				
(S) 4-Bromofluorobenzene					*99.5*	*101*		*67.0-138*				
(S) 1,2-Dichloroethane-d4					*113*	*112*		*70.0-130*				

L1661056-34 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1661056-34 10/09/23 07:37 • (MS) R3984255-6 10/09/23 08:53 • (MSD) R3984255-7 10/09/23 09:12

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Benzene	5.00	0.544	6.43	7.14	118	132	1	10.0-149			10.5	37
1,1-Dichloroethene	5.00	U	6.63	7.24	133	145	1	10.0-155			8.80	37
cis-1,2-Dichloroethene	5.00	U	5.72	6.24	114	125	1	10.0-149			8.70	37
trans-1,2-Dichloroethene	5.00	U	5.73	6.15	115	123	1	10.0-150			7.07	37
Ethylbenzene	5.00	0.0630	5.91	6.49	117	129	1	10.0-160			9.35	38
Tetrachloroethene	5.00	U	5.90	6.52	118	130	1	10.0-156			9.98	39
Toluene	5.00	0.142	6.04	6.65	118	130	1	10.0-156			9.61	38
Trichloroethene	5.00	U	5.88	6.18	118	124	1	10.0-156			4.98	38
1,2,4-Trimethylbenzene	5.00	U	7.06	7.70	141	154	1	10.0-160			8.67	36
1,3,5-Trimethylbenzene	5.00	U	7.11	7.66	142	153	1	10.0-160			7.45	38
Vinyl chloride	5.00	U	6.53	6.79	131	136	1	10.0-160			3.90	37
Xylenes, Total	15.0	0.399	18.3	20.0	119	131	1	10.0-160			8.88	38
(S) Toluene-d8					*98.9*	*98.2*		*75.0-131*				
(S) 4-Bromofluorobenzene					*99.5*	*99.7*		*67.0-138*				
(S) 1,2-Dichloroethane-d4					*112*	*111*		*70.0-130*				

Method Blank (MB)

(MB) R3984607-3 10/09/23 17:39

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0160	0.0400
1,1-Dichloroethene	U		0.0200	0.100
cis-1,2-Dichloroethene	U		0.0276	0.100
trans-1,2-Dichloroethene	U		0.0572	0.200
Ethylbenzene	U		0.0212	0.100
Tetrachloroethene	U		0.0280	0.100
Toluene	U		0.0500	0.200
Trichloroethene	U		0.0160	0.0400
1,2,4-Trimethylbenzene	U		0.0464	0.200
1,3,5-Trimethylbenzene	U		0.0432	0.200
Vinyl chloride	U		0.0273	0.100
Xylenes, Total	U		0.191	0.260
(S) Toluene-d8	*99.1*			*75.0-131*
(S) 4-Bromofluorobenzene	*87.9*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3984607-1 10/09/23 16:22 • (LCSD) R3984607-2 10/09/23 16:41

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	5.00	4.88	4.30	97.6	86.0	70.0-123			12.6	20
1,1-Dichloroethene	5.00	4.09	3.52	81.8	70.4	65.0-131			15.0	20
cis-1,2-Dichloroethene	5.00	4.73	4.07	94.6	81.4	73.0-125			15.0	20
trans-1,2-Dichloroethene	5.00	4.81	4.20	96.2	84.0	71.0-125			13.5	20
Ethylbenzene	5.00	4.73	4.22	94.6	84.4	74.0-126			11.4	20
Tetrachloroethene	5.00	5.13	4.32	103	86.4	70.0-136			17.1	20
Toluene	5.00	5.02	4.48	100	89.6	75.0-121			11.4	20
Trichloroethene	5.00	5.25	4.53	105	90.6	76.0-126			14.7	20
1,2,4-Trimethylbenzene	5.00	5.42	4.85	108	97.0	70.0-126			11.1	20
1,3,5-Trimethylbenzene	5.00	5.59	4.91	112	98.2	73.0-127			13.0	20
Vinyl chloride	5.00	4.71	4.20	94.2	84.0	63.0-134			11.4	20
Xylenes, Total	15.0	13.6	11.7	90.7	78.0	72.0-127			15.0	20
(S) Toluene-d8				*103*	*99.6*	*75.0-131*				
(S) 4-Bromofluorobenzene				*86.8*	*88.8*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*107*	*109*	*70.0-130*				

Method Blank (MB)

(MB) R3982081-1 10/04/23 20:58

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Diesel Range Organics (DRO)	U		66.7	200
Residual Range Organics (RRO)	U		83.3	250
(S) o-Terphenyl	*76.0*			*52.0-156*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3982081-2 10/04/23 21:18 • (LCSD) R3982081-3 10/04/23 21:38

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Diesel Range Organics (DRO)	1500	1390	1450	92.7	96.7	50.0-150			4.23	20
(S) o-Terphenyl				*55.5*	*105*	*52.0-156*				

Method Blank (MB)

(MB) R3983757-1 10/09/23 02:00

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Diesel Range Organics (DRO)	U		66.7	200
Residual Range Organics (RRO)	U		83.3	250
(S) o-Terphenyl	*84.5*			*52.0-156*

Laboratory Control Sample (LCS)

(LCS) R3983757-2 10/09/23 02:20

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Diesel Range Organics (DRO)	1500	1700	113	50.0-150	
(S) o-Terphenyl			*113*	*52.0-156*	

L1661056-27 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1661056-27 10/09/23 08:43 • (MS) R3983757-3 10/09/23 09:03 • (MSD) R3983757-4 10/09/23 09:23

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Diesel Range Organics (DRO)	1430	170	1690	1600	106	100	1	50.0-150			5.47	20
(S) o-Terphenyl					*108*	*97.9*		*52.0-156*				

L1661056-34 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1661056-34 10/09/23 09:43 • (MS) R3983757-5 10/09/23 10:04 • (MSD) R3983757-6 10/09/23 10:24

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Diesel Range Organics (DRO)	1430	524	1670	1680	80.1	80.8	1	50.0-150			0.597	20
(S) o-Terphenyl					*82.6*	*87.4*		*52.0-156*				

Sample Narrative:

OS: Sample resembles laboratory standard for Diesel.

Method Blank (MB)

(MB) R3983667-1 10/08/23 22:14

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Diesel Range Organics (DRO)	U		66.7	200
Residual Range Organics (RRO)	U		83.3	250
(S) o-Terphenyl	*110*			*52.0-156*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3983667-2 10/08/23 22:34 • (LCSD) R3983667-3 10/08/23 22:54

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Diesel Range Organics (DRO)	1500	1460	1420	97.3	94.7	50.0-150			2.78	20
(S) o-Terphenyl				*91.0*	*70.0*	*52.0-156*				

Method Blank (MB)

(MB) R3982082-1 10/04/23 21:58

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Diesel Range Organics (DRO)	119	J	66.7	200
Residual Range Organics (RRO)	173	J	83.3	250
(S) o-Terphenyl	*77.5*			*52.0-156*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3982082-2 10/04/23 22:19 • (LCSD) R3982082-3 10/04/23 22:39

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Diesel Range Organics (DRO)	1500	1680	1590	112	106	50.0-150			5.50	20
(S) o-Terphenyl				*94.5*	*99.0*	*52.0-156*				

Method Blank (MB)

(MB) R3983767-1 10/09/23 02:40

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Diesel Range Organics (DRO)	U		66.7	200
Residual Range Organics (RRO)	U		83.3	250
(S) o-Terphenyl	*56.5*			*52.0-156*

Laboratory Control Sample (LCS)

(LCS) R3983767-2 10/09/23 03:00

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Diesel Range Organics (DRO)	1500	1100	73.3	50.0-150	
(S) o-Terphenyl			*67.0*	*52.0-156*	

L1661056-27 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1661056-27 10/09/23 08:43 • (MS) R3983767-3 10/09/23 09:03 • (MSD) R3983767-4 10/09/23 09:23

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Diesel Range Organics (DRO)	1430	170	1690	1600	106	100	1	50.0-150			5.47	20
(S) o-Terphenyl					*108*	*97.9*		*52.0-156*				

Sample Narrative:

OS: Reporting from non-silica gel data due to non-detect to the RDL.

L1661056-34 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1661056-34 10/09/23 22:33 • (MS) R3983767-5 10/09/23 22:53 • (MSD) R3983767-6 10/09/23 23:13

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Diesel Range Organics (DRO)	1430	158	1100	1100	65.9	65.9	1	50.0-150			0.000	20
(S) o-Terphenyl					*58.4*	*64.7*		*52.0-156*				

Method Blank (MB)

(MB) R3983708-1 10/09/23 05:11

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Diesel Range Organics (DRO)	U		66.7	200
Residual Range Organics (RRO)	U		83.3	250
(S) o-Terphenyl	*95.0*			*52.0-156*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3983708-2 10/09/23 05:32 • (LCSD) R3983708-3 10/09/23 05:52

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Diesel Range Organics (DRO)	1500	1250	1060	83.3	70.7	50.0-150			16.5	20
(S) o-Terphenyl				*74.0*	*62.5*	*52.0-156*				

Method Blank (MB)

(MB) R3983089-1 10/06/23 14:07

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
PCB 1016	U		0.270	0.500
PCB 1221	U		0.270	0.500
PCB 1232	U		0.270	0.500
PCB 1242	U		0.270	0.500
PCB 1248	U		0.173	0.500
PCB 1254	U		0.173	0.500
PCB 1260	U		0.173	0.500
(S) Decachlorobiphenyl	*31.6*			*10.0-128*
(S) Tetrachloro-m-xylene	*68.0*			*10.0-127*

Laboratory Control Sample (LCS)

(LCS) R3983089-2 10/06/23 14:19

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
PCB 1016	2.50	2.20	88.0	36.0-135	
PCB 1260	2.50	2.15	86.0	42.0-131	
(S) Decachlorobiphenyl			*30.8*	*10.0-128*	
(S) Tetrachloro-m-xylene			*83.3*	*10.0-127*	

L1660340-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1660340-03 10/06/23 14:45 • (MS) R3983089-3 10/06/23 14:57 • (MSD) R3983089-4 10/06/23 15:10

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
PCB 1016	2.63	U	1.12	0.945	42.6	35.9	1.05	11.0-160			16.9	38
PCB 1260	2.63	U	0.656	0.470	24.9	17.9	1.05	20.0-142		J3 J6	33.0	27
(S) Decachlorobiphenyl					*17.0*	*11.6*		*10.0-128*				
(S) Tetrachloro-m-xylene					*40.6*	*34.8*		*10.0-127*				

Sample Narrative:

OS: Surrogate failure due to matrix interference, confirmed by MS/MSD recoveries.

Method Blank (MB)

(MB) R3980870-3 10/02/23 17:19

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Naphthalene	U		0.0917	0.250
1-Methylnaphthalene	U		0.0687	0.250
2-Methylnaphthalene	U		0.0674	0.250
(S) Nitrobenzene-d5	*107*			*31.0-160*
(S) 2-Fluorobiphenyl	*61.0*			*48.0-148*
(S) p-Terphenyl-d14	*82.5*			*37.0-146*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3980870-1 10/02/23 16:44 • (LCSD) R3980870-2 10/02/23 17:02

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Naphthalene	2.00	1.83	1.83	91.5	91.5	61.0-137			0.000	20
1-Methylnaphthalene	2.00	1.79	1.66	89.5	83.0	66.0-142			7.54	20
2-Methylnaphthalene	2.00	1.80	1.74	90.0	87.0	62.0-136			3.39	20
(S) Nitrobenzene-d5				*114*	*111*	*31.0-160*				
(S) 2-Fluorobiphenyl				*77.0*	*76.0*	*48.0-148*				
(S) p-Terphenyl-d14				*85.0*	*86.0*	*37.0-146*				

Method Blank (MB)

(MB) R3982379-2 10/03/23 15:51

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Naphthalene	U		0.0917	0.250
1-Methylnaphthalene	U		0.0687	0.250
2-Methylnaphthalene	U		0.0674	0.250
(S) Nitrobenzene-d5	*83.0*			*31.0-160*
(S) 2-Fluorobiphenyl	*96.0*			*48.0-148*
(S) p-Terphenyl-d14	*79.5*			*37.0-146*

Laboratory Control Sample (LCS)

(LCS) R3982379-1 10/03/23 15:31

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Naphthalene	2.00	1.76	88.0	61.0-137	
1-Methylnaphthalene	2.00	1.85	92.5	66.0-142	
2-Methylnaphthalene	2.00	1.89	94.5	62.0-136	
(S) Nitrobenzene-d5			*84.0*	*31.0-160*	
(S) 2-Fluorobiphenyl			*95.5*	*48.0-148*	
(S) p-Terphenyl-d14			*76.0*	*37.0-146*	

L1661084-13 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1661084-13 10/03/23 21:08 • (MS) R3982379-3 10/03/23 21:28 • (MSD) R3982379-4 10/03/23 21:48

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Naphthalene	1.90	U	1.62	1.67	85.3	87.9	1	10.0-160			3.04	20
1-Methylnaphthalene	1.90	U	1.70	1.73	89.5	91.1	1	21.0-160			1.75	20
2-Methylnaphthalene	1.90	U	1.74	1.77	91.6	93.2	1	31.0-160			1.71	20
(S) Nitrobenzene-d5					*78.4*	*79.5*		*31.0-160*				
(S) 2-Fluorobiphenyl					*91.6*	*93.2*		*48.0-148*				
(S) p-Terphenyl-d14					*76.8*	*77.9*		*37.0-146*				

Method Blank (MB)

(MB) R3981754-3 10/04/23 02:40

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Naphthalene	U		0.0917	0.250
1-Methylnaphthalene	U		0.0687	0.250
2-Methylnaphthalene	U		0.0674	0.250
(S) Nitrobenzene-d5	*111*			*31.0-160*
(S) 2-Fluorobiphenyl	*102*			*48.0-148*
(S) p-Terphenyl-d14	*94.0*			*37.0-146*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3981754-1 10/04/23 02:01 • (LCSD) R3981754-2 10/04/23 02:21

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Naphthalene	2.00	1.77	2.03	88.5	102	61.0-137			13.7	20
1-Methylnaphthalene	2.00	1.79	2.03	89.5	102	66.0-142			12.6	20
2-Methylnaphthalene	2.00	1.82	2.10	91.0	105	62.0-136			14.3	20
(S) Nitrobenzene-d5				*104*	*112*	*31.0-160*				
(S) 2-Fluorobiphenyl				*94.0*	*106*	*48.0-148*				
(S) p-Terphenyl-d14				*87.0*	*96.5*	*37.0-146*				

Method Blank (MB)

(MB) R3982878-2 10/05/23 11:04

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Naphthalene	U		0.0917	0.250
1-Methylnaphthalene	U		0.0687	0.250
2-Methylnaphthalene	U		0.0674	0.250
(S) Nitrobenzene-d5	*94.0*			*31.0-160*
(S) 2-Fluorobiphenyl	*91.5*			*48.0-148*
(S) p-Terphenyl-d14	*78.0*			*37.0-146*

Laboratory Control Sample (LCS)

(LCS) R3982878-1 10/05/23 10:47

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Naphthalene	2.00	1.94	97.0	61.0-137	
1-Methylnaphthalene	2.00	1.89	94.5	66.0-142	
2-Methylnaphthalene	2.00	1.99	99.5	62.0-136	
(S) Nitrobenzene-d5			*99.5*	*31.0-160*	
(S) 2-Fluorobiphenyl			*96.0*	*48.0-148*	
(S) p-Terphenyl-d14			*82.0*	*37.0-146*	

L1660884-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1660884-05 10/05/23 12:50 • (MS) R3982878-3 10/05/23 13:08 • (MSD) R3982878-4 10/05/23 13:25

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Naphthalene	1.90	U	1.77	1.82	93.2	95.8	1	10.0-160			2.79	20
1-Methylnaphthalene	1.90	U	1.76	1.81	92.6	95.3	1	21.0-160			2.80	20
2-Methylnaphthalene	1.90	U	1.86	1.88	97.9	98.9	1	31.0-160			1.07	20
(S) Nitrobenzene-d5					*106*	*109*		*31.0-160*				
(S) 2-Fluorobiphenyl					*89.5*	*93.7*		*48.0-148*				
(S) p-Terphenyl-d14					*79.5*	*79.5*		*37.0-146*				

L1661056-34 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1661056-34 10/05/23 16:05 • (MS) R3982878-5 10/05/23 16:22 • (MSD) R3982878-6 10/05/23 16:40

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Naphthalene	1.90	0.694	2.65	2.52	103	96.1	1	10.0-160			5.03	20
1-Methylnaphthalene	1.90	U	1.81	1.70	95.3	89.5	1	21.0-160			6.27	20
2-Methylnaphthalene	1.90	U	1.86	1.74	97.9	91.6	1	31.0-160			6.67	20

L1661056-34 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1661056-34 10/05/23 16:05 • (MS) R3982878-5 10/05/23 16:22 • (MSD) R3982878-6 10/05/23 16:40

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
(S) Nitrobenzene-d5					*104*	*97.9*		*31.0-160*				
(S) 2-Fluorobiphenyl					*86.8*	*83.2*		*48.0-148*				
(S) p-Terphenyl-d14					*80.5*	*74.7*		*37.0-146*				

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Method Blank (MB)

(MB) R3982451-3 10/04/23 17:15

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Naphthalene	U		0.0917	0.250
1-Methylnaphthalene	U		0.0687	0.250
2-Methylnaphthalene	U		0.0674	0.250
(S) Nitrobenzene-d5	*122*			*31.0-160*
(S) 2-Fluorobiphenyl	*100*			*48.0-148*
(S) p-Terphenyl-d14	*119*			*37.0-146*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3982451-1 10/04/23 16:39 • (LCSD) R3982451-2 10/04/23 16:57

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Naphthalene	2.00	2.22	2.22	111	111	61.0-137			0.000	20
1-Methylnaphthalene	2.00	2.26	2.34	113	117	66.0-142			3.48	20
2-Methylnaphthalene	2.00	2.18	2.20	109	110	62.0-136			0.913	20
(S) Nitrobenzene-d5				*116*	*115*	*31.0-160*				
(S) 2-Fluorobiphenyl				*94.0*	*96.5*	*48.0-148*				
(S) p-Terphenyl-d14				*107*	*109*	*37.0-146*				

Method Blank (MB)

(MB) R3982950-3 10/05/23 01:07

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Naphthalene	U		0.0917	0.250
1-Methylnaphthalene	U		0.0687	0.250
2-Methylnaphthalene	U		0.0674	0.250
(S) Nitrobenzene-d5	*93.0*			*31.0-160*
(S) 2-Fluorobiphenyl	*89.0*			*48.0-148*
(S) p-Terphenyl-d14	*88.5*			*37.0-146*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3982950-1 10/05/23 00:33 • (LCSD) R3982950-2 10/05/23 00:50

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Naphthalene	2.00	1.66	1.66	83.0	83.0	61.0-137			0.000	20
1-Methylnaphthalene	2.00	1.76	1.81	88.0	90.5	66.0-142			2.80	20
2-Methylnaphthalene	2.00	1.81	1.74	90.5	87.0	62.0-136			3.94	20
(S) Nitrobenzene-d5				*97.0*	*89.5*	*31.0-160*				
(S) 2-Fluorobiphenyl				*84.5*	*80.5*	*48.0-148*				
(S) p-Terphenyl-d14				*63.0*	*76.5*	*37.0-146*				

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
B	The same analyte is found in the associated blank.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.
J3	The associated batch QC was outside the established quality control range for precision.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
Arcadis - Chevron - WA

1420 5th Ave
Unit 2400
Seattle, WA 98101

Billing Information:
Attn: Accounts Payable
630 Plaza Dr., Ste. 600
Highlands Ranch, CO 80129

Pres Chk

Report to:
Ada Hamilton

Email To:
Ada.Hamilton@arcadis.com;Sean.Parry@arcadi

Project Description:
211577

City/State Collected: **Seattle, WA**

Please Circle: PT MT CT ET

Phone: **206-325-5254**

Client Project #
30064319

Lab Project #
CHEVARCWA-211577

Collected by (print):
Jonah Davis

Site/Facility ID #
631 QUEEN ANNE AVE N,

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	HOLD-Diss Lead 6010 250mlHDPE-NoPres	NWTPHDX no SGT 40mlAmb-HCl-BT	NWTPHDX w/ SGT 40mlAmb-HCl-BT	NWTPHGX 40mlAmb HCl	Naph,1&2-MeNaph SIM 40mlAmb-NoPres-WT	PCBs 8082 100ml Amb-NoPres	Total As,Pb 6010 250mlHDPE-HNO3	VOCs 8260ULL* 40mlAmb-HCl			Remarks	Sample # (lab only)
TB-1-20230925	G	GW	—	09/25/23	0900	2				X				X				-01
MW-18-W-20230925		GW	—		1205	13	X	X	X	X	X		X	X				-02
MW-46-W-20230925		GW	—		1239	13	X	X	X	X	X		X	X				-03
QAAMW-1-W-20230925		GW	—		1312	13	X	X	X	X	X		X	X				-04
MW-21-W-20230925		GW	—		1345	13	X	X	X	X	X		X	X				-05
~~PES MW-10~~ PESMW-1-W-20230925		GW	—		1422	13	X	X	X	X	X		X	X				-06
EB-W-20230925	G	GW	—	09/25/23	1430	6				X				X				-07
MW-36-W-20230926		GW	—	09/26/23	0848	13	X	X	X	X	X		X	X				-08
MW-37-W-20230926		GW	—		0930	15	X	X	X	X	X	X	X	X				-09
MW-38-W-20230926		GW	—		1003	15	X	X	X	X	X	X	X	X				-10

Chain of Custody Page 1 of 4

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1601050

B178

Table

Acctnum: **CHEVARCWA**
Template: **T237880**
Prelogin: **P1024491**
PM: **110 - Brian Ford**
PB:

Shipped Via:

* Matrix:
SS - Soil **AIR** - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:*VOCs 8260ULL=BTEX,124TMB,135TMB,PCE,TCE,11-DCE,cis-12-DCE,tran-12-DCE,VC only.

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP (Y) N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y __N
Preservation Correct/Checked: Y __N
RAD Screen <0.5 mR/hr: (Y) __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
	09/28/23	1630	Shipped Via FedEx	2
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:
				486
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:
			9 10	9.29.23 9:30

If preservation required by Login: Date/Time

PH-10BDH4321 TRC-2352362
CR6-20221V

Hold:

Condition: NCF / OK

Company Name/Address:
Arcadis - Chevron - WA

1420 5th Ave
Unit 2400
Seattle, WA 98101

Billing Information:
Attn: Accounts Payable
630 Plaza Dr., Ste. 600
Highlands Ranch, CO 80129

Pres Chk

Report to: **Ada Hamilton**

Email To: **Ada.Hamilton@arcadis.com;Sean.Parry@arcadi**

Project Description: **211577**

City/State Collected: Seattle, WA

Please Circle: (PT) MT CT ET

Phone: **206-325-5254**

Client Project # **30064319**

Lab Project # **CHEVARCWA-211577**

Collected by (print): Jonah Davis

Site/Facility ID # **631 QUEEN ANNE AVE N,**

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Chain of Custody Page 2 of 4

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MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # UL61056

Table #

Acctnum: **CHEVARCWA**
Template: **T237880**
Prelogin: **P1024491**
PM: **110 - Brian Ford**
PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	HOLD-Diss Lead 6010 250mlHDPE-NoPres	NWTPHDX no SGT 40mlAmb-HCl-BT	NWTPHDX w/ SGT 40mlAmb-HCl-BT	NWTPHGX 40mlAmb HCl	Naph,1&2-MeNaph SIM 40mlAmb-NoPres-WT	PCBs 8082 100ml Amb-NoPres	Total As,Pb 6010 250mlHDPE-HNO3	VOCs 8260ULL* 40mlAmb-HCl			Remarks	Sample # (lab only)
MW-7-W-20230926	G	GW	—	09/26/23	1040	13	X	X	X	X	X		X	X				-11
MW-3A-W-20230926		GW	—		1114	13	X	X	X	X	X		X	X				-12
RW-3-W-20230926		GW	—		1201	13	X	X	X	X	X		X	X				-13
MW-4-W-20230926			—		1231	13	X	X	X	X	X		X	X				-14
DPE-4-W-20230926			—		1300	13	X	X	X	X	X		X	X				-15
MW-25-W-20230926			—		1336	13	X	X	X	X	X		X	X				-16
MW-14-W-20230926			—		1413	13	X	X	X	X	X		X	X				-17
DUP-W-20230926			—		1200	13	X	X	X	X	X		X	X				-18
EB-2-20230926			—		1430	6				X				X				-19
MW-20-W-20230927			—	09/27/23	0847	13	X	X	X	X	X		X	X				-20

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:*VOCs 8260ULL=BTEX,124TMB,135TMB,PCE,TCE,11-DCE,cis-12-DCE,tran-12-DCE,VC only.

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N
RAD Screen <0.5 mR/hr:		Y N

	Date:	Time:		
Relinquished by : (Signature)	09/28/23	1630	Received by: (Signature) Shipped Via FedEx	Trip Blank Received: Yes / No HCL / MeoH TBR
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 9.29.23 Time: 9:36

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Company Name/Address:
Arcadis - Chevron - WA

1420 5th Ave
Unit 2400
Seattle. WA 98101

Billing Information:
Attn: Accounts Payable
630 Plaza Dr., Ste. 600
Highlands Ranch, CO 80129

Pres Chk

Report to: **Ada Hamilton**

Email To: **Ada.Hamilton@arcadis.com;Sean.Parry@arcadi**

Project Description: **211577**

City/State Collected: **Seattle, WA**

Please Circle: PT MT CT ET

Phone: **206-325-5254**

Client Project # **30064319**

Lab Project # **CHEVARCWA-211577**

Collected by (print): **Jonah Davis**

Site/Facility ID # **631 QUEEN ANNE AVE N,**

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Chain of Custody Page 3 of 4

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # U1d61056

Table #

Acctnum: **CHEVARCWA**
Template: **T237880**
Prelogin: **P1024491**
PM: **110 - Brian Ford**
PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	HOLD-Diss Lead 6010 250mlHDPE-NoPres	NWTPHDX no SGT 40mlAmb-HCl-BT	NWTPHDX w/ SGT 40mlAmb-HCl-BT	NWTPHGX 40mlAmb HCl	Naph,1&2-MeNaph SIM 40mlAmb-NoPres-WT	PCBs 8082 100ml Amb-NoPres	Total As,Pb 6010 250mlHDPE-HNO3	VOCs 8260ULL* 40mlAmb-HCl			Remarks	Sample # (lab only)
MW-16-W-20230927	G	GW	—	09/27/23	0920	13	X	X	X	X	X		X	X				-21
MW-11A-W-20230927		GW	—		0950	13	X	X	X	X	X		X	X				-22
MW-17-W-20230927		GW	—		1022	13	X	X	X	X	X		X	X				-23
DPE-3-W-20230927		GW	—		1058	13	X	X	X	X	X		X	X				-24
DPE-9-W-20230927		GW	—		1135	13	X	X	X	X	X		X	X				-25
MW-15-W-20230927		GW	—		1236	13	X	X	X	X	X		X	X				-26
MW-26-W-20230927		GW	—		1309	13	X	X	X	X	X		X	X			*	-27
OTBMW-2-W-20230927		GW	—		1349	13	X	X	X	X	X		X	X				-28
MW-32-W-20230927		GW	—		1424	13	X	X	X	X	X		X	X				-29
DUP-2-W-20230927		GW	—		1200	13	X	X	X	X	X		X	X				-30

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: *VOCs 8260ULL=BTEX,124TMB,135TMB,PCE,TCE,11-DCE,cis-12-DCE,tran-12-DCE,VC only.
*MS/MSD Analysis NWTPH-Gx, BTEX, & NWTPH-Dx w/o SGT

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y __N
Preservation Correct/Checked: Y N
RAD Screen <0.5 mR/hr: Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
	09/28/23	1630	Shipped Via Fed Ex		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 9.29.23 Time: 9:30	Hold: Condition: NCF / OK

Company Name/Address:
Arcadis - Chevron - WA
1420 5th Ave
Unit 2400
Seattle, WA 98101

Billing Information:
Attn: Accounts Payable
630 Plaza Dr., Ste. 600
Highlands Ranch, CO 80129

Pres Chk

Report to: Ada Hamilton

Email To: Ada.Hamilton@arcadis.com;Sean.Parry@arcadi

Project Description: 211577

City/State Collected: Seattle, WA

Please Circle: (PT) MT CT ET

Phone: 206-325-5254

Client Project # 30064319

Lab Project # CHEVARCWA-211577

Collected by (print): Jonah Davis

Site/Facility ID # 631 QUEEN ANNE AVE N,

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	HOLD-Diss Lead 6010 250mlHDPE-NoPres	NWTPHDX no SGT 40mlAmb-HCl-BT	NWTPHDX w/ SGT 40mlAmb-HCl-BT	NWTPHGX 40mlAmb HCl	Naph,1&2-MeNaph SIM 40mlAmb-NoPres-WT	PCBs 8082 100ml Amb-NoPres	Total As,Pb 6010 250mlHDPE-HNO3	VOCs 8260ULL* 40mlAmb-HCl			Remarks	Sample # (lab only)
EB-3-20230927	G	GW	—	09/27/23	1445	6				X				X				-31
MW-342-W-20230928		GW	—	09/28/23	0844	13	X	X	X	X	X		X	X				-32
MW-343-W-20230928		GW	—		0911	13	X	X	X	X	X		X	X				-33
MW-22-W-20230928		GW	—		0959	29	X	X	X	X	X		X	X			4	-34
MW-10-W-20230928		GW	—		1326	13	X	X	X	X	X		X	X				-35
SS1-VP-W-20230928		GW	—		1404	13	X	X	X	X	X		X	X				-36
DUP-3W20230928		GW	—		1200	13	X	X	X	X	X		X	X				-37
DUP-4W20230928		GW	—		1300	13	X	X	X	X	X		X	X				-38
EB-4-20230928		GW	—		1430	6				X				X				-39
		GW																

Chain of Custody Page 4 of 4

Pace
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MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # 410105L6

Table #

Acctnum: CHEVARCWA
Template: T237880
Prelogin: P1024491
PM: 110 - Brian Ford
PB:

Shipped Via:

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: *VOCs 8260ULL=BTEX,124TMB,135TMB,PCE,TCE,11-DCE,cis-12-DCE,tran-12-DCE,VC only.
MS/MSD Analysis NWTPH-Gx, BTEX, ; NWTPH-Dx w/o SGT

pH _____ Temp _____
Flow _____ Other _____

Samples returned via: __ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP X N
COC Signed/Accurate: X N
Bottles arrive intact: X N
Correct bottles used: X N
Sufficient volume sent: X N
If Applicable
VOA Zero Headspace: X N
Preservation Correct/Checked: X N
RAD Screen <0.5 mR/hr: X N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	09/28/23	1630	Shipped Via FedEx
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)
			10

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: °C Bottles Received:

Date: 9.29.23 Time: 9:30

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

U1d61

Tracking Numbers		Tempature
6841 8345 5083		CCA8 4.4to=4.4
6841 8345 5267		CCA8 2.5to=2.5
6841 83455304		CCA8 1.9to=1.9
6841 8345 5256		eCA8 2.0to=2.0
6337 7850 8349		CCA81.0to=2.0

ANALYTICAL REPORT

October 21, 2023

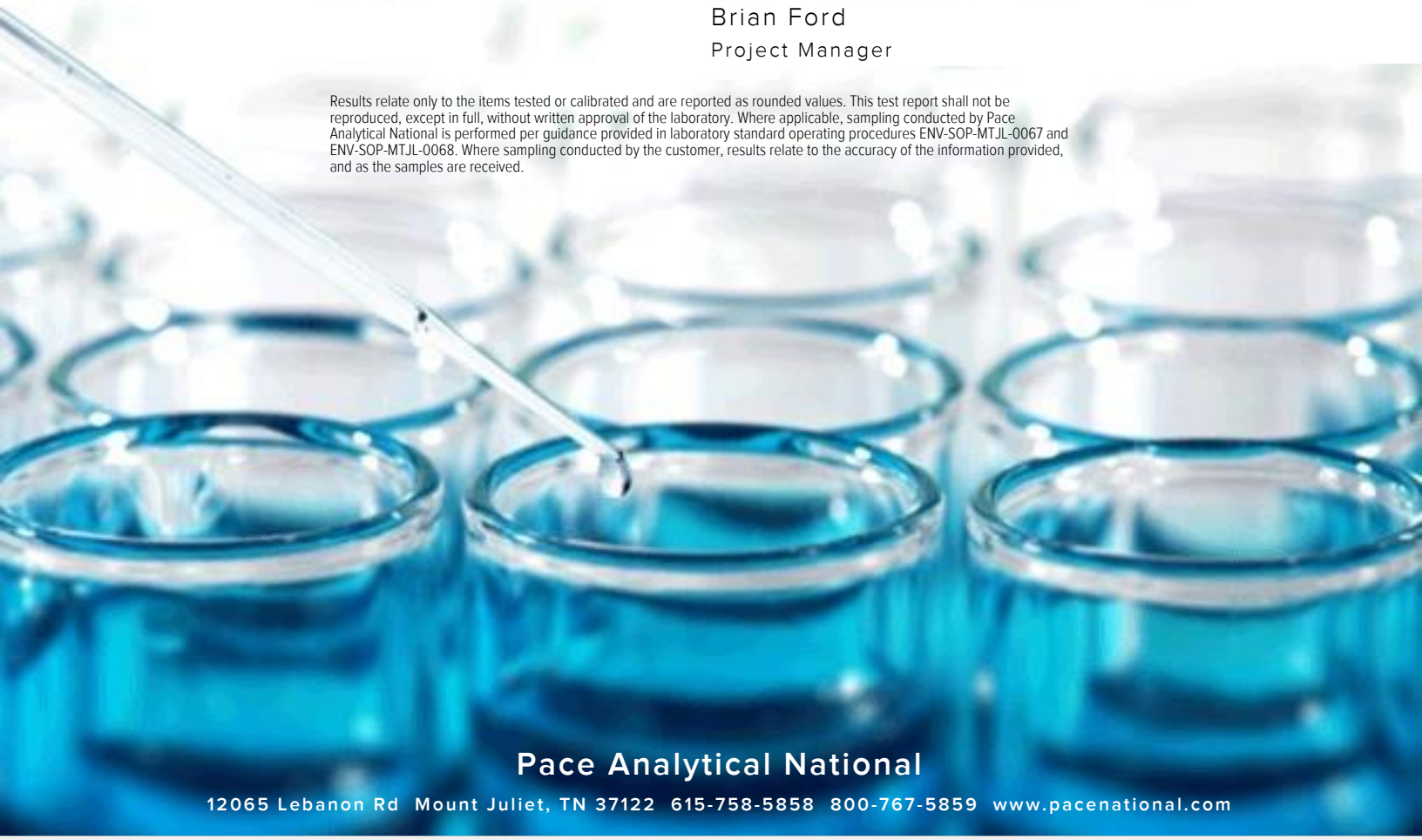
Arcadis - Chevron - WA

Sample Delivery Group:	L1660988
Samples Received:	09/29/2023
Project Number:	30064319
Description:	211577
Site:	631 QUEEN ANNE AVE N, SEATTLE
Report To:	Ada Hamilton 1420 5th Ave Unit 2400 Seattle, WA 98101

Entire Report Reviewed By:

Brian Ford

Project Manager



Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

TABLE OF CONTENTS

MW-7U-W-20230928 L1660988-01 GW

Collected by: Jonah Davis | Collected date/time: 09/28/23 11:19 | Received date/time: 09/29/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2142466	1	10/06/23 10:23	10/07/23 20:35	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2153970	1	10/20/23 08:30	10/20/23 12:53	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2146049	1	10/06/23 10:43	10/06/23 10:43	AV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2145577	1	10/05/23 17:08	10/05/23 17:08	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2143637	1	10/04/23 08:33	10/05/23 02:00	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2143638	1	10/04/23 08:37	10/05/23 08:39	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2143653	1	10/04/23 21:37	10/05/23 14:36	DLH	Mt. Juliet, TN

MW-10U-W-20230928 L1660988-02 GW

Collected by: Jonah Davis | Collected date/time: 09/28/23 11:49 | Received date/time: 09/29/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2142466	1	10/06/23 10:23	10/07/23 20:43	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2153970	1	10/20/23 08:30	10/20/23 12:56	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2146049	1	10/06/23 11:05	10/06/23 11:05	AV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2145577	1	10/05/23 17:27	10/05/23 17:27	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2143637	1	10/04/23 08:33	10/05/23 02:20	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2143638	1	10/04/23 08:37	10/05/23 08:59	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2143653	1	10/04/23 21:37	10/05/23 14:54	DLH	Mt. Juliet, TN

MW-11U-W-20230928 L1660988-03 GW

Collected by: Jonah Davis | Collected date/time: 09/28/23 12:16 | Received date/time: 09/29/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2142466	1	10/06/23 10:23	10/07/23 20:46	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2153970	1	10/20/23 08:30	10/20/23 12:43	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2146049	1	10/06/23 11:27	10/06/23 11:27	AV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2145577	1	10/05/23 17:46	10/05/23 17:46	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2146189	1	10/08/23 19:50	10/09/23 03:20	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2146190	1	10/08/23 19:52	10/09/23 20:12	DMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2143653	1	10/04/23 21:37	10/05/23 15:12	DLH	Mt. Juliet, TN

MW-8U-W-20230928 L1660988-04 GW

Collected by: Jonah Davis | Collected date/time: 09/28/23 12:55 | Received date/time: 09/29/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2142466	1	10/06/23 10:23	10/07/23 20:49	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2153970	1	10/20/23 08:30	10/20/23 12:59	JTM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2146049	1	10/06/23 11:49	10/06/23 11:49	AV	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2145577	1	10/05/23 18:04	10/05/23 18:04	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2143637	1	10/04/23 08:33	10/05/23 03:00	DMG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2147289	1	10/08/23 19:56	10/09/23 12:28	MAA	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2143653	1	10/04/23 21:37	10/05/23 18:09	DLH	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Brian Ford
Project Manager

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Arsenic	19.7		4.40	10.0	1	10/07/2023 20:35	WG2142466
Lead	8.04		2.99	6.00	1	10/07/2023 20:35	WG2142466
Lead,Dissolved	3.84	J	2.99	6.00	1	10/20/2023 12:53	WG2153970

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	2050		31.6	100	1	10/06/2023 10:43	WG2146049
(S) a,a,a-Trifluorotoluene(FID)	*84.1*			*78.0-120*		*10/06/2023 10:43*	WG2146049

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	12.4		0.0160	0.0400	1	10/05/2023 17:08	WG2145577
1,1-Dichloroethene	U		0.0200	0.100	1	10/05/2023 17:08	WG2145577
cis-1,2-Dichloroethene	U		0.0276	0.100	1	10/05/2023 17:08	WG2145577
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/05/2023 17:08	WG2145577
Ethylbenzene	19.4		0.0212	0.100	1	10/05/2023 17:08	WG2145577
Tetrachloroethene	0.0320	J	0.0280	0.100	1	10/05/2023 17:08	WG2145577
Toluene	8.26		0.0500	0.200	1	10/05/2023 17:08	WG2145577
Trichloroethene	U		0.0160	0.0400	1	10/05/2023 17:08	WG2145577
1,2,4-Trimethylbenzene	4.09		0.0464	0.200	1	10/05/2023 17:08	WG2145577
1,3,5-Trimethylbenzene	9.42		0.0432	0.200	1	10/05/2023 17:08	WG2145577
Vinyl chloride	U		0.0273	0.100	1	10/05/2023 17:08	WG2145577
Xylenes, Total	19.1		0.191	0.260	1	10/05/2023 17:08	WG2145577
(S) Toluene-d8	*97.5*			*75.0-131*		*10/05/2023 17:08*	WG2145577
(S) 4-Bromofluorobenzene	*96.9*			*67.0-138*		*10/05/2023 17:08*	WG2145577
(S) 1,2-Dichloroethane-d4	*111*			*70.0-130*		*10/05/2023 17:08*	WG2145577

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	1050		66.7	200	1	10/05/2023 02:00	WG2143637
Residual Range Organics (RRO)	U		83.3	250	1	10/05/2023 02:00	WG2143637
(S) o-Terphenyl	*93.2*			*52.0-156*		*10/05/2023 02:00*	WG2143637

Sample Narrative:

L1660988-01 WG2143637: Sample resembles laboratory standard for Gasoline.

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	478	B	66.7	200	1	10/05/2023 08:39	WG2143638
Residual Range Organics (RRO)	201	B J	83.3	250	1	10/05/2023 08:39	WG2143638
(S) o-Terphenyl	*88.4*			*52.0-156*		*10/05/2023 08:39*	WG2143638

Sample Narrative:

L1660988-01 WG2143638: Sample resembles laboratory standard for Gasoline.

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Naphthalene	1.26		0.0917	0.250	1	10/05/2023 14:36	WG2143653
1-Methylnaphthalene	3.57		0.0687	0.250	1	10/05/2023 14:36	WG2143653
2-Methylnaphthalene	0.191	J	0.0674	0.250	1	10/05/2023 14:36	WG2143653
(S) Nitrobenzene-d5	*0.000*	J2		*31.0-160*		*10/05/2023 14:36*	WG2143653
(S) 2-Fluorobiphenyl	*82.1*			*48.0-148*		*10/05/2023 14:36*	WG2143653
(S) p-Terphenyl-d14	*72.1*			*37.0-146*		*10/05/2023 14:36*	WG2143653

Sample Narrative:

L1660988-01 WG2143653: Surrogate failure due to matrix interference

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Arsenic	16.5		4.40	10.0	1	10/07/2023 20:43	WG2142466
Lead	6.53		2.99	6.00	1	10/07/2023 20:43	WG2142466
Lead,Dissolved	6.33		2.99	6.00	1	10/20/2023 12:56	WG2153970

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	4220		31.6	100	1	10/06/2023 11:05	WG2146049
(S) a,a,a-Trifluorotoluene(FID)	*76.1*	J2		*78.0-120*		*10/06/2023 11:05*	WG2146049

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	1.35		0.0160	0.0400	1	10/05/2023 17:27	WG2145577
1,1-Dichloroethene	U		0.0200	0.100	1	10/05/2023 17:27	WG2145577
cis-1,2-Dichloroethene	U		0.0276	0.100	1	10/05/2023 17:27	WG2145577
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/05/2023 17:27	WG2145577
Ethylbenzene	50.5		0.0212	0.100	1	10/05/2023 17:27	WG2145577
Tetrachloroethene	U		0.0280	0.100	1	10/05/2023 17:27	WG2145577
Toluene	1.75		0.0500	0.200	1	10/05/2023 17:27	WG2145577
Trichloroethene	0.0700		0.0160	0.0400	1	10/05/2023 17:27	WG2145577
1,2,4-Trimethylbenzene	0.674		0.0464	0.200	1	10/05/2023 17:27	WG2145577
1,3,5-Trimethylbenzene	3.94		0.0432	0.200	1	10/05/2023 17:27	WG2145577
Vinyl chloride	U		0.0273	0.100	1	10/05/2023 17:27	WG2145577
Xylenes, Total	6.86		0.191	0.260	1	10/05/2023 17:27	WG2145577
(S) Toluene-d8	*90.8*			*75.0-131*		*10/05/2023 17:27*	WG2145577
(S) 4-Bromofluorobenzene	*86.1*			*67.0-138*		*10/05/2023 17:27*	WG2145577
(S) 1,2-Dichloroethane-d4	*122*			*70.0-130*		*10/05/2023 17:27*	WG2145577

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	400		66.7	200	1	10/05/2023 02:20	WG2143637
Residual Range Organics (RRO)	U		83.3	250	1	10/05/2023 02:20	WG2143637
(S) o-Terphenyl	*95.8*			*52.0-156*		*10/05/2023 02:20*	WG2143637

Sample Narrative:

L1660988-02 WG2143637: Sample resembles laboratory standard for Gasoline.

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	486	B	66.7	200	1	10/05/2023 08:59	WG2143638
Residual Range Organics (RRO)	508	B	83.3	250	1	10/05/2023 08:59	WG2143638
(S) o-Terphenyl	*71.6*			*52.0-156*		*10/05/2023 08:59*	WG2143638

Sample Narrative:

L1660988-02 WG2143638: Sample resembles laboratory standard for Gasoline.

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Naphthalene	35.3		0.0917	0.250	1	10/05/2023 14:54	WG2143653
1-Methylnaphthalene	26.9		0.0687	0.250	1	10/05/2023 14:54	WG2143653
2-Methylnaphthalene	34.9		0.0674	0.250	1	10/05/2023 14:54	WG2143653
(S) Nitrobenzene-d5	*108*			*31.0-160*		*10/05/2023 14:54*	WG2143653
(S) 2-Fluorobiphenyl	*90.0*			*48.0-148*		*10/05/2023 14:54*	WG2143653
(S) p-Terphenyl-d14	*82.1*			*37.0-146*		*10/05/2023 14:54*	WG2143653

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Arsenic	U		4.40	10.0	1	10/07/2023 20:46	WG2142466
Lead	6.62		2.99	6.00	1	10/07/2023 20:46	WG2142466
Lead,Dissolved	6.61		2.99	6.00	1	10/20/2023 12:43	WG2153970

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	1940		31.6	100	1	10/06/2023 11:27	WG2146049
(S) a,a,a-Trifluorotoluene(FID)	*85.5*			*78.0-120*		*10/06/2023 11:27*	WG2146049

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	1.06		0.0160	0.0400	1	10/05/2023 17:46	WG2145577
1,1-Dichloroethene	U		0.0200	0.100	1	10/05/2023 17:46	WG2145577
cis-1,2-Dichloroethene	4.23		0.0276	0.100	1	10/05/2023 17:46	WG2145577
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/05/2023 17:46	WG2145577
Ethylbenzene	3.46		0.0212	0.100	1	10/05/2023 17:46	WG2145577
Tetrachloroethene	0.146		0.0280	0.100	1	10/05/2023 17:46	WG2145577
Toluene	2.07		0.0500	0.200	1	10/05/2023 17:46	WG2145577
Trichloroethene	0.644		0.0160	0.0400	1	10/05/2023 17:46	WG2145577
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	10/05/2023 17:46	WG2145577
1,3,5-Trimethylbenzene	2.64		0.0432	0.200	1	10/05/2023 17:46	WG2145577
Vinyl chloride	U		0.0273	0.100	1	10/05/2023 17:46	WG2145577
Xylenes, Total	1.12		0.191	0.260	1	10/05/2023 17:46	WG2145577
(S) Toluene-d8	*95.2*			*75.0-131*		*10/05/2023 17:46*	WG2145577
(S) 4-Bromofluorobenzene	*98.6*			*67.0-138*		*10/05/2023 17:46*	WG2145577
(S) 1,2-Dichloroethane-d4	*144*	J1		*70.0-130*		*10/05/2023 17:46*	WG2145577

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	503		66.7	200	1	10/09/2023 03:20	WG2146189
Residual Range Organics (RRO)	U		83.3	250	1	10/09/2023 03:20	WG2146189
(S) o-Terphenyl	*113*			*52.0-156*		*10/09/2023 03:20*	WG2146189

Sample Narrative:

L1660988-03 WG2146189: Sample resembles laboratory standard for Gasoline.

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	178	J	66.7	200	1	10/09/2023 20:12	WG2146190
Residual Range Organics (RRO)	96.7	J	83.3	250	1	10/09/2023 20:12	WG2146190
(S) o-Terphenyl	*71.6*			*52.0-156*		*10/09/2023 20:12*	WG2146190

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Naphthalene	1.02		0.0917	0.250	1	10/05/2023 15:12	WG2143653
1-Methylnaphthalene	2.37		0.0687	0.250	1	10/05/2023 15:12	WG2143653
2-Methylnaphthalene	U		0.0674	0.250	1	10/05/2023 15:12	WG2143653
(S) Nitrobenzene-d5	*84.2*			*31.0-160*		*10/05/2023 15:12*	WG2143653
(S) 2-Fluorobiphenyl	*84.2*			*48.0-148*		*10/05/2023 15:12*	WG2143653
(S) p-Terphenyl-d14	*78.9*			*37.0-146*		*10/05/2023 15:12*	WG2143653

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Arsenic	U		4.40	10.0	1	10/07/2023 20:49	WG2142466
Lead	18.3		2.99	6.00	1	10/07/2023 20:49	WG2142466
Lead,Dissolved	11.8		2.99	6.00	1	10/20/2023 12:59	WG2153970

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	819		31.6	100	1	10/06/2023 11:49	WG2146049
(S) a,a,a-Trifluorotoluene(FID)	*97.5*			*78.0-120*		*10/06/2023 11:49*	WG2146049

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Benzene	1.06		0.0160	0.0400	1	10/05/2023 18:04	WG2145577
1,1-Dichloroethene	U		0.0200	0.100	1	10/05/2023 18:04	WG2145577
cis-1,2-Dichloroethene	1.44		0.0276	0.100	1	10/05/2023 18:04	WG2145577
trans-1,2-Dichloroethene	U		0.0572	0.200	1	10/05/2023 18:04	WG2145577
Ethylbenzene	0.753		0.0212	0.100	1	10/05/2023 18:04	WG2145577
Tetrachloroethene	0.0940	J	0.0280	0.100	1	10/05/2023 18:04	WG2145577
Toluene	1.01		0.0500	0.200	1	10/05/2023 18:04	WG2145577
Trichloroethene	0.489		0.0160	0.0400	1	10/05/2023 18:04	WG2145577
1,2,4-Trimethylbenzene	0.163	J	0.0464	0.200	1	10/05/2023 18:04	WG2145577
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	10/05/2023 18:04	WG2145577
Vinyl chloride	U		0.0273	0.100	1	10/05/2023 18:04	WG2145577
Xylenes, Total	0.543		0.191	0.260	1	10/05/2023 18:04	WG2145577
(S) Toluene-d8	*96.6*			*75.0-131*		*10/05/2023 18:04*	WG2145577
(S) 4-Bromofluorobenzene	*99.2*			*67.0-138*		*10/05/2023 18:04*	WG2145577
(S) 1,2-Dichloroethane-d4	*111*			*70.0-130*		*10/05/2023 18:04*	WG2145577

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	1680		66.7	200	1	10/05/2023 03:00	WG2143637
Residual Range Organics (RRO)	88.2	J	83.3	250	1	10/05/2023 03:00	WG2143637
(S) o-Terphenyl	*98.9*			*52.0-156*		*10/05/2023 03:00*	WG2143637

Sample Narrative:

L1660988-04 WG2143637: Sample resembles laboratory standard for Gasoline.

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Diesel Range Organics (DRO)	87.9	J	66.7	200	1	10/09/2023 12:28	WG2147289
Residual Range Organics (RRO)	U		83.3	250	1	10/09/2023 12:28	WG2147289
(S) o-Terphenyl	*66.3*			*52.0-156*		*10/09/2023 12:28*	WG2147289

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Naphthalene	0.380		0.0917	0.250	1	10/05/2023 18:09	WG2143653
1-Methylnaphthalene	U		0.0687	0.250	1	10/05/2023 18:09	WG2143653
2-Methylnaphthalene	U		0.0674	0.250	1	10/05/2023 18:09	WG2143653
(S) Nitrobenzene-d5	*103*			*31.0-160*		*10/05/2023 18:09*	WG2143653
(S) 2-Fluorobiphenyl	*71.6*			*48.0-148*		*10/05/2023 18:09*	WG2143653
(S) p-Terphenyl-d14	*58.9*			*37.0-146*		*10/05/2023 18:09*	WG2143653

Method Blank (MB)

(MB) R3983402-1 10/07/23 20:09

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Arsenic	U		4.40	10.0
Lead	U		2.99	6.00

Laboratory Control Sample (LCS)

(LCS) R3983402-2 10/07/23 20:12

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Arsenic	1000	1020	102	80.0-120	
Lead	1000	997	99.7	80.0-120	

L1661056-27 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1661056-27 10/07/23 20:15 • (MS) R3983402-4 10/07/23 20:21 • (MSD) R3983402-5 10/07/23 20:23

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Arsenic	1000	U	1020	1030	102	103	1	75.0-125			1.13	20
Lead	1000	U	989	993	98.9	99.3	1	75.0-125			0.426	20

L1661056-34 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1661056-34 10/07/23 20:26 • (MS) R3983402-6 10/07/23 20:29 • (MSD) R3983402-7 10/07/23 20:32

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Arsenic	1000	5.45	1030	1020	102	101	1	75.0-125			1.01	20
Lead	1000	U	993	973	99.3	97.3	1	75.0-125			2.09	20

Method Blank (MB)

(MB) R3989050-1 10/20/23 12:38

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Lead,Dissolved	U		2.99	6.00

Laboratory Control Sample (LCS)

(LCS) R3989050-2 10/20/23 12:40

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Lead,Dissolved	1000	969	96.9	80.0-120	

L1660988-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1660988-03 10/20/23 12:43 • (MS) R3989050-4 10/20/23 12:48 • (MSD) R3989050-5 10/20/23 12:51

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Lead,Dissolved	1000	6.61	964	951	95.7	94.5	1	75.0-125			1.31	20

Method Blank (MB)

(MB) R3983361-2 10/06/23 09:59

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Gasoline Range Organics-NWTPH	U		31.6	100
(S) a,a,a-Trifluorotoluene(FID)	*105*			*78.0-120*

Laboratory Control Sample (LCS)

(LCS) R3983361-1 10/06/23 08:53

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Gasoline Range Organics-NWTPH	5500	4850	88.2	70.0-124	
(S) a,a,a-Trifluorotoluene(FID)			*99.3*	*78.0-120*	

Method Blank (MB)

(MB) R3982872-2 10/05/23 12:31

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0160	0.0400
1,1-Dichloroethene	U		0.0200	0.100
cis-1,2-Dichloroethene	U		0.0276	0.100
trans-1,2-Dichloroethene	U		0.0572	0.200
Ethylbenzene	U		0.0212	0.100
Tetrachloroethene	U		0.0280	0.100
Toluene	0.0520	J	0.0500	0.200
Trichloroethene	U		0.0160	0.0400
1,2,4-Trimethylbenzene	U		0.0464	0.200
1,3,5-Trimethylbenzene	U		0.0432	0.200
Vinyl chloride	U		0.0273	0.100
Xylenes, Total	U		0.191	0.260
(S) Toluene-d8	*98.8*			*75.0-131*
(S) 4-Bromofluorobenzene	*99.4*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3982872-1 10/05/23 11:15

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	5.00	5.51	110	70.0-123	
1,1-Dichloroethene	5.00	6.53	131	65.0-131	
cis-1,2-Dichloroethene	5.00	5.45	109	73.0-125	
trans-1,2-Dichloroethene	5.00	5.43	109	71.0-125	
Ethylbenzene	5.00	5.03	101	74.0-126	
Tetrachloroethene	5.00	4.91	98.2	70.0-136	
Toluene	5.00	5.24	105	75.0-121	
Trichloroethene	5.00	5.59	112	76.0-126	
1,2,4-Trimethylbenzene	5.00	5.48	110	70.0-126	
1,3,5-Trimethylbenzene	5.00	5.56	111	73.0-127	
Vinyl chloride	5.00	5.55	111	63.0-134	
Xylenes, Total	15.0	15.4	103	72.0-127	
(S) Toluene-d8			*96.5*	*75.0-131*	
(S) 4-Bromofluorobenzene			*96.5*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*109*	*70.0-130*	

Method Blank (MB)

(MB) R3982081-1 10/04/23 20:58

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Diesel Range Organics (DRO)	U		66.7	200
Residual Range Organics (RRO)	U		83.3	250
(S) o-Terphenyl	*76.0*			*52.0-156*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3982081-2 10/04/23 21:18 • (LCSD) R3982081-3 10/04/23 21:38

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Diesel Range Organics (DRO)	1500	1390	1450	92.7	96.7	50.0-150			4.23	20
(S) o-Terphenyl				*55.5*	*105*	*52.0-156*				

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Method Blank (MB)

(MB) R3983757-1 10/09/23 02:00

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Diesel Range Organics (DRO)	U		66.7	200
Residual Range Organics (RRO)	U		83.3	250
(S) o-Terphenyl	*84.5*			*52.0-156*

Laboratory Control Sample (LCS)

(LCS) R3983757-2 10/09/23 02:20

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Diesel Range Organics (DRO)	1500	1700	113	50.0-150	
(S) o-Terphenyl			*113*	*52.0-156*	

L1661056-27 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1661056-27 10/09/23 08:43 • (MS) R3983757-3 10/09/23 09:03 • (MSD) R3983757-4 10/09/23 09:23

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Diesel Range Organics (DRO)	1430	170	1690	1600	106	100	1	50.0-150			5.47	20
(S) o-Terphenyl					*108*	*97.9*		*52.0-156*				

L1661056-34 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1661056-34 10/09/23 09:43 • (MS) R3983757-5 10/09/23 10:04 • (MSD) R3983757-6 10/09/23 10:24

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Diesel Range Organics (DRO)	1430	524	1670	1680	80.1	80.8	1	50.0-150			0.597	20
(S) o-Terphenyl					*82.6*	*87.4*		*52.0-156*				

Sample Narrative:

OS: Sample resembles laboratory standard for Diesel.

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Method Blank (MB)

(MB) R3982082-1 10/04/23 21:58

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Diesel Range Organics (DRO)	119	J	66.7	200
Residual Range Organics (RRO)	173	J	83.3	250
(S) o-Terphenyl	*77.5*			*52.0-156*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3982082-2 10/04/23 22:19 • (LCSD) R3982082-3 10/04/23 22:39

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Diesel Range Organics (DRO)	1500	1680	1590	112	106	50.0-150			5.50	20
(S) o-Terphenyl				*94.5*	*99.0*	*52.0-156*				

Method Blank (MB)

(MB) R3983767-1 10/09/23 02:40

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Diesel Range Organics (DRO)	U		66.7	200
Residual Range Organics (RRO)	U		83.3	250
(S) o-Terphenyl	*56.5*			*52.0-156*

Laboratory Control Sample (LCS)

(LCS) R3983767-2 10/09/23 03:00

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Diesel Range Organics (DRO)	1500	1100	73.3	50.0-150	
(S) o-Terphenyl			*67.0*	*52.0-156*	

L1661056-27 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1661056-27 10/09/23 08:43 • (MS) R3983767-3 10/09/23 09:03 • (MSD) R3983767-4 10/09/23 09:23

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Diesel Range Organics (DRO)	1430	170	1690	1600	106	100	1	50.0-150			5.47	20
(S) o-Terphenyl					*108*	*97.9*		*52.0-156*				

Sample Narrative:

OS: Reporting from non-silica gel data due to non-detect to the RDL.

L1661056-34 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1661056-34 10/09/23 22:33 • (MS) R3983767-5 10/09/23 22:53 • (MSD) R3983767-6 10/09/23 23:13

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Diesel Range Organics (DRO)	1430	158	1100	1100	65.9	65.9	1	50.0-150			0.000	20
(S) o-Terphenyl					*58.4*	*64.7*		*52.0-156*				

Method Blank (MB)

(MB) R3983932-1 10/09/23 09:06

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Diesel Range Organics (DRO)	U		66.7	200
Residual Range Organics (RRO)	115	J	83.3	250
(S) o-Terphenyl	*73.0*			*52.0-156*

Laboratory Control Sample (LCS)

(LCS) R3983932-2 10/09/23 09:26

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Diesel Range Organics (DRO)	1500	1280	85.3	50.0-150	
(S) o-Terphenyl			*111*	*52.0-156*	

L1662762-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1662762-03 10/09/23 11:28 • (MS) R3983932-3 10/09/23 11:48 • (MSD) R3983932-4 10/09/23 12:08

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Diesel Range Organics (DRO)	1430	U	703	849	49.2	59.4	1	50.0-150	J6		18.8	20
(S) o-Terphenyl					*72.1*	*85.3*		*52.0-156*				

Method Blank (MB)

(MB) R3982878-2 10/05/23 11:04

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Naphthalene	U		0.0917	0.250
1-Methylnaphthalene	U		0.0687	0.250
2-Methylnaphthalene	U		0.0674	0.250
(S) Nitrobenzene-d5	*94.0*			*31.0-160*
(S) 2-Fluorobiphenyl	*91.5*			*48.0-148*
(S) p-Terphenyl-d14	*78.0*			*37.0-146*

Laboratory Control Sample (LCS)

(LCS) R3982878-1 10/05/23 10:47

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Naphthalene	2.00	1.94	97.0	61.0-137	
1-Methylnaphthalene	2.00	1.89	94.5	66.0-142	
2-Methylnaphthalene	2.00	1.99	99.5	62.0-136	
(S) Nitrobenzene-d5			*99.5*	*31.0-160*	
(S) 2-Fluorobiphenyl			*96.0*	*48.0-148*	
(S) p-Terphenyl-d14			*82.0*	*37.0-146*	

L1660884-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1660884-05 10/05/23 12:50 • (MS) R3982878-3 10/05/23 13:08 • (MSD) R3982878-4 10/05/23 13:25

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Naphthalene	1.90	U	1.77	1.82	93.2	95.8	1	10.0-160			2.79	20
1-Methylnaphthalene	1.90	U	1.76	1.81	92.6	95.3	1	21.0-160			2.80	20
2-Methylnaphthalene	1.90	U	1.86	1.88	97.9	98.9	1	31.0-160			1.07	20
(S) Nitrobenzene-d5					*106*	*109*		*31.0-160*				
(S) 2-Fluorobiphenyl					*89.5*	*93.7*		*48.0-148*				
(S) p-Terphenyl-d14					*79.5*	*79.5*		*37.0-146*				

L1661056-34 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1661056-34 10/05/23 16:05 • (MS) R3982878-5 10/05/23 16:22 • (MSD) R3982878-6 10/05/23 16:40

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Naphthalene	1.90	0.694	2.65	2.52	103	96.1	1	10.0-160			5.03	20
1-Methylnaphthalene	1.90	U	1.81	1.70	95.3	89.5	1	21.0-160			6.27	20
2-Methylnaphthalene	1.90	U	1.86	1.74	97.9	91.6	1	31.0-160			6.67	20

L1661056-34 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1661056-34 10/05/23 16:05 • (MS) R3982878-5 10/05/23 16:22 • (MSD) R3982878-6 10/05/23 16:40

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
(S) Nitrobenzene-d5					*104*	*97.9*		*31.0-160*				
(S) 2-Fluorobiphenyl					*86.8*	*83.2*		*48.0-148*				
(S) p-Terphenyl-d14					*80.5*	*74.7*		*37.0-146*				

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
B	The same analyte is found in the associated blank.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
Arcadis - Chevron - WA

1420 5th Ave
Unit 2400
Seattle. WA 98101

Billing Information:
Attn: Accounts Payable
630 Plaza Dr., Ste. 600
Highlands Ranch, CO 80129

Pres Chk

Report to:
Ada Hamilton

Email To:
Ada.Hamilton@arcadis.com;Sean.Parry@arcadi

Project Description:
211577

City/State Collected: **Seattle, WA**

Please Circle: (PT) MT CT ET

Phone: **206-325-5254**

Client Project #
30064319

Lab Project #
CHEVARCWA-211577

Collected by (print):
Jonah Davis

Site/Facility ID #
631 QUEEN ANNE AVE N,

P.O. #

Collected by (signature):

Quote #

Immediately Packed on Ice N ____ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

No. of Cntrs

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	HOLD-Diss Lead 6010 250mlHDPE-NoPres	NWTPHDX no SGT 40mlAmb-HCl-BT	NWTPHDX w/ SGT 40mlAmb-HCl-BT	NWTPHGX 40mlAmb HCl	Naph,1&2-MeNaph SIM 40mlAmb-NoPres-WT	PCBs 8082 100ml Amb-NoPres	Total As,Pb 6010 250mlHDPE-HNO3	VOCs 8260ULL* 40mlAmb-HCl			Remarks	Sample # (lab only)
MW-7U-W-20230928	G	GW	—	09/28/23	1119	13	X	X	X	X	X		X	X				-01
MW-10U-W-20230928	↓	GW	—	↓	1149	13	X	X	X	X	X		X	X				-02
MW-11U-W-20230928		GW	—		1216	13	X	X	X	X	X		X	X				-03
MW-8U-W-20230928	↓	GW	✓	↓	1255	13	X	X	X	X	X		X	X				-04
		GW																
		GW																
		GW																
		GW																
		GW																
		GW																

Chain of Custody Page 1 of 1

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1660988
J181

Acctnum: **CHEVARCWA**
Template: **T237880**
Prelogin: **P1024491**
PM: **110 - Brian Ford**
PB:
Shipped Via:

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:*VOCs 8260ULL=BTEX,124TMB,135TMB,PCE,TCE,11-DCE,cis-12-DCE,tran-12-DCE,VC only.

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 6841 8345 5110

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: ✓Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: ✓Y __N
RAD Screen <0.5 mR/hr: ✓Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / (No) HCL / MeoH TBR	
	09/28/23	1630	Shipped Via FedEx		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: CCAS 2.9+0=2.9	Bottles Received: 52
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) Caleb Tapp	Date: 9/29/23	Time: 0930

If preservation required by Login: Date/Time

Hold: | Condition: NCF / (OK)