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T E C H N I C A L M E M O R A N D U M

TO: Grant Yang – Washington State Department of Ecology

cc: Brett Richer – Prologis, Inc.

FROM: Pete Kingston, L.G., Principal Geologist
Scott Allin, R.E.P.A., Principal Environmental Scientist

DATE: April 6, 2021

RE: **SUMMARY OF COMPLIANCE MONITORING WELL INSTALLATION AND GROUNDWATER COMPLIANCE MONITORING RESULTS**
6050 EAST MARGINAL WAY SOUTH
SEATTLE, WASHINGTON
FARALLON PN: 1071-010
VCP PROJECT NO: NW3050

Farallon Consulting, L.L.C. (Farallon) has prepared this Technical Memorandum on behalf of Prologis, Inc. (Prologis) to document the installation of compliance groundwater monitoring wells and the results of compliance groundwater monitoring events performed through November 2020 for the property at 6050 East Marginal Way South in Seattle, Washington (herein referred to as the Property) (Figure 1).

The "Site," as defined under the Washington State Model Toxics Control Act Cleanup Regulation (MTCA), is confined within the boundaries of the Property where petroleum hydrocarbons have come to be located at concentrations exceeding applicable MTCA cleanup levels. Vinyl chloride in groundwater has migrated onto the Site from off-Property contaminant sources located up-gradient of the Site. The Site is enrolled in the Washington State Department of Ecology (Ecology) Voluntary Cleanup Program and has been assigned Project No. NW3050.

Redevelopment of the Property began in June 2017 for construction of a three-floor industrial warehouse with a total of approximately 590,000 square feet of space, and associated ramps, driveways, loading and unloading areas, and parking. A cleanup action was completed in conjunction with Property redevelopment in accordance with *Remedial Investigation, Focused Feasibility Study, and Cleanup Action Plan, 6050 East Marginal Way South Property, Seattle, Washington* dated February 11, 2016, prepared by Farallon; and *Environmental Media*

Management Plan, 6050 East Marginal Way South Property, Seattle, Washington dated February 11, 2016, prepared by Farallon.

The permanent cleanup action was documented in the *Cleanup Action Closure Report, 6050 East Marginal Way South, Seattle, Washington* dated July 25, 2018, prepared by Farallon (2018 CAR). Ecology reviewed the 2018 CAR and provided an Opinion Letter[1] indicating that the Site would likely be granted a No Further Action determination if compliance groundwater monitoring wells were installed at the Site and four quarters of groundwater compliance monitoring demonstrated that groundwater impacts at the Site had been remediated to concentrations less than applicable MTCA cleanup levels. In addition, Ecology requested the installation of an additional compliance groundwater monitoring well to evaluate the potential migration of volatile organic compounds (VOCs) from off-Property contaminant sources located up-gradient of the Site.

PREVIOUS INVESTIGATIONS AND PERMANENT CLEANUP ACTION

Previous investigations conducted at the Site since 1988 identified total petroleum hydrocarbons (TPH) as gasoline-range organics; diesel-range organics (DRO); and oil-range organics (ORO); benzene, toluene, ethylbenzene, and xylenes (BTEX); naphthalene; and vinyl chloride as the constituents of concern for soil and/or shallow groundwater at the Site. Interim remedial actions completed at the Site included decommissioning of underground storage tanks (USTs) and associated piping and dispensers, and excavation and treatment and/or disposal of contaminated soil. A total of 12 gasoline, diesel, lube oil, waste oil, and heating oil USTs were decommissioned at the Site between approximately 1988 and 2017, prior to and during the implementation of the permanent cleanup action.

In 2017, a permanent cleanup action was conducted in conjunction with Property redevelopment. The cleanup action included decommissioning and removal of USTs, and excavation and off-Site disposal of 6,480 tons of petroleum-contaminated soil. In addition, approximately 320,000 gallons of groundwater was extracted, treated, and disposed of during the cleanup action, which provided effective removal of the highest concentrations of contaminated groundwater surrounding and within the main constituents of concern source areas.

Additional background information and details on the permanent cleanup action are presented in the 2018 CAR.

COMPLIANCE MONITORING WELL INSTALLATION AND DEVELOPMENT

Following completion of the permanent cleanup action at the Site, Farallon coordinated the installation of eight compliance groundwater monitoring wells (MW-15 through MW-22) at the

[1] Letter regarding Opinion on Proposed Cleanup of the Following Site: Site Name: Consolidated Freightways Seattle, Site Address: 6050 E. Marginal Way, Seattle, WA 98108, Facility/Site No.: 54757868, VCP Project No.: NW3050 dated October 9, 2018 from Grant Yang of Ecology to Janet Frentzel of Georgetown Crossroads, LLC.

Site on December 13 and 14, 2018 (Figure 2). The compliance groundwater monitoring wells were installed as follows:

- Monitoring well MW-15 was installed along the northern Property boundary to evaluate whether VOC contaminant plumes were migrating south onto the Property from up-gradient contaminant sources.
- Monitoring wells MW-16 through MW-21 were installed along the western Property boundary to evaluate groundwater quality down-gradient of the former USTs.
- Monitoring well MW-22 was installed along the eastern Property boundary to evaluate groundwater quality up-gradient of the Site.

A Farallon Scientist observed and logged subsurface conditions, including visual and olfactory observations (e.g., staining, odor, sheen, etc.), and volatile organic vapor concentrations as measured using a photoionization detector. During drilling and well installation, there were no obvious indications of potential petroleum contamination observed or measured.

Monitoring wells were constructed in accordance with the Minimum Standards for Construction and Maintenance of Wells as established in Washington Administrative Code 173-160. The monitoring wells were constructed using 2-inch-diameter Schedule 40 polyvinyl chloride casing with 10 or 15 feet of prepacked, 0.010-inch slotted screens. The borehole annulus surrounding each well screen was filled with a filter pack consisting of clean 10/20 sand placed from the base of the screen to approximately 1 foot above the screened interval. A bentonite seal was placed from the top of the sand filter pack to a depth of approximately 1 foot below ground surface. A 1-foot-thick concrete seal was placed around the monitoring well from the top of the bentonite to ground surface. Each monitoring well was completed at grade with a traffic-rated, flush-mounted steel monument.

Monitoring wells were developed using a downhole pump to surge and purge each well until the water purged from the well appeared clear. Following installation and development, the location and elevation of each monitoring well was surveyed by Professional Land Surveyors, Inc., a Washington State-licensed land surveyor. The monitoring well construction logs are provided in Attachment A.

COMPLIANCE GROUNDWATER MONITORING

Between December 2018 and November 2020, seven compliance groundwater monitoring events were conducted at the Site. Groundwater monitoring events included measuring depth-to-groundwater and collecting groundwater samples from the compliance monitoring well network. Compliance groundwater monitoring events were conducted in accordance with U.S. Environmental Protection Agency (EPA) low-flow sampling procedures. Following purging, groundwater samples were collected directly from the pump outlet tubing upstream of the flow-through cell and placed into laboratory prepared sample containers. The sample containers were placed in an iced cooler and transported under standard chain-of-custody protocols to OnSite

Environmental Inc. of Redmond, Washington or Apex Laboratories, LLC of Tigard, Oregon for laboratory analysis.

Groundwater samples collected during the compliance groundwater monitoring events were analyzed for one or more of the following compounds:

- DRO and ORO by Northwest Method NWTPH-Dx;
- Gasoline-range organics by Northwest Method NWTPH-Gx;
- BTEX by EPA Method 8260C; and
- Halogenated volatile organic compounds (HVOCs) by EPA Method 8260C or 8260D.

COMPLIANCE GROUNDWATER MONITORING RESULTS

Table 1 presents a summary of the groundwater elevation data and Figure 3 shows the groundwater elevation contours for the Site. Groundwater analytical results are shown on Figures 3 and 4 and Tables 2 and 3. The laboratory analytical reports for the compliance groundwater monitoring events are provided in Attachment B.

GROUNDWATER ELEVATION

During compliance groundwater monitoring events, shallow groundwater was encountered at depths ranging from approximately 6 to 9.5 feet below ground surface. Synoptic depth-to-groundwater measurements from the monitoring wells on the Property and corresponding calculated groundwater elevations are provided in Table 1. Based on groundwater contours developed using the synoptic measurements, the interpreted groundwater flow direction of the shallow groundwater-bearing zone has ranged from southeast to southwest (Figure 3).

Based on groundwater monitoring conducted between 1988 and 2014 in the previous monitoring well network located on the southern portion of the Property, the general groundwater flow direction was consistently to the southwest. The change in groundwater flow direction is likely attributable to construction dewatering occurring at the Georgetown Wet Weather Treatment Station located on the south- and southeast-adjacent property (Construction Stormwater General Permit No. WAR305356) (Figure 2). According to the King County Wastewater Treatment Division, approximately 112,072,865 gallons of water was discharged during construction dewatering at the Georgetown Wet Weather Treatment Station between August 2018 and August 2020 (Table 4).

GROUNDWATER ANALYTICAL RESULTS

Concentrations of DRO and ORO were reported either as non-detect at the laboratory practical quantitation limit (PQL) or as less than the applicable MTCA Method A cleanup levels in groundwater samples collected from all of the monitoring wells during compliance groundwater

monitoring events performed between December 2018 and November 2020, with the following exceptions:

- DRO was detected at a concentration of 510 micrograms per liter (µg/L), slightly exceeding the MTCA Method A cleanup level of 500 µg/L, in the groundwater sample collected from monitoring well MW-19 during the December 2018 monitoring event (Figure 3; Table 2).
- ORO was detected at a concentration of 520 µg/L, slightly exceeding the MTCA Method A cleanup level of 500 µg/L, in the groundwater sample collected from monitoring well MW-19 during the June 2019 monitoring event (Figure 3; Table 2).

Concentrations of DRO and ORO were less than the MTCA Method A cleanup level in all groundwater sampled collected during the last four groundwater monitoring events conducted in September and December 2019 and April and November 2020.

Concentrations of vinyl chloride exceeded the MTCA Method A cleanup level in groundwater samples collected from monitoring wells MW-15, MW-16, and MW-21 during compliance groundwater monitoring events conducted in December 2018, June 2019, and/or April 2020 (Figure 5; Table 3). Tetrachloroethene and trichloroethene were reported as non-detect at the laboratory PQL for all groundwater samples collected (Table 3).

Chloroform was detected at concentrations exceeding the MTCA Method B cleanup level in groundwater samples collected from monitoring wells MW-16 and MW-17 during multiple groundwater monitoring events (Table 3).

CONCLUSIONS AND RECOMMENDATIONS

DRO and/or ORO were detected in groundwater at concentrations slightly exceeding the MTCA Method A cleanup level in monitoring well MW-19 during the December 2018 and June 2019 compliance groundwater monitoring events. However, concentrations of DRO and/or ORO were less than the MTCA cleanup levels in groundwater samples collected during the last four consecutive groundwater monitoring events conducted in September and December 2019 and April and November 2020. No obvious indications of petroleum contamination were observed during installation of monitoring well MW-19. Based on these data, it is Farallon's opinion that groundwater meets the cleanup standards for the Site.

Exceedances of vinyl chloride detected in monitoring wells MW-15 and MW-16 are suspected to be the result of migration of off-Property contaminant sources located up-gradient of the Site. There is no evidence of a source of vinyl chloride on the Site. In addition, dewatering conducted during construction of the Georgetown Wet Weather Treatment Station located on the south- and southeast-adjacent property has altered the groundwater flow direction of the shallow groundwater-bearing zone at the Property, which has likely resulted in increased migration of off-Property contaminant sources.

Chloroform is a common service water disinfection by-product and was reported as non-detect at the laboratory PQL in all soil samples analyzed during the remedial investigation and cleanup action. The reported concentrations of chloroform in groundwater are comparable to or less than the total residual trihalomethanes (39 µg/l) associated with Seattle drinking water chlorination reported by Seattle Public Utilities in 2019.[2] A source for the chloroform detected in monitoring wells MW-16 and MW-17 was not identified; however, the detection is likely associated with leakage from a water line located in the East Marginal Way South right-of-way proximate to the monitoring wells.

Farallon, on behalf of Prologis, requests that Ecology issue a No Further Action determination for the Site.

Attachments: Figure 1, *Site Vicinity Map*
Figure 2, *Site Plan*
Figure 3, *Groundwater Flow Direction*
Figure 4, *Groundwater Analytical Results for DRO AND ORO*
Figure 5, *Groundwater Analytical Results for Vinyl Chloride*
Table 1, *Groundwater Elevations*
Table 2, *Groundwater Analytical Results for TPH and BTEX*
Table 3, *Groundwater Analytical Results for Halogenated VOCs*
Table 4, *Discharge for Construction Stormwater General Permit No. WAR305356*
Attachment A, Monitoring Well Construction Logs
Attachment B, Laboratory Analytical Reports – Compliance Groundwater Monitoring Events (2018-2020)

PK:eh

[2] 2019 Water Quality Monitoring Results from the Seattle Public Utilities website dated 2021: <https://www.seattle.gov/utilities/about/reports/water-quality-reports/monitoring-results>, accessed March 31, 2021.

FIGURES

SUMMARY OF COMPLIANCE MONITORING WELL INSTALLATION AND GROUNDWATER COMPLIANCE MONITORING RESULTS
6050 East Marginal Way South
Seattle, Washington

Farallon PN: 1071-010

REFERENCE: 7.5 MINUTE USGS QUADRANGLE SEATTLE SOUTH, WASHINGTON, DATED 2013

0 5,000
SCALE IN FEET

N

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FIGURE 1

SITE VICINITY MAP
6050 EAST MARGINAL WAY SOUTH
SEATTLE, WASHINGTON

FARALLON PN: 1071-010

Drawn By: jjones | Checked By: PK | Date: 3/23/2021 | Disc Reference:

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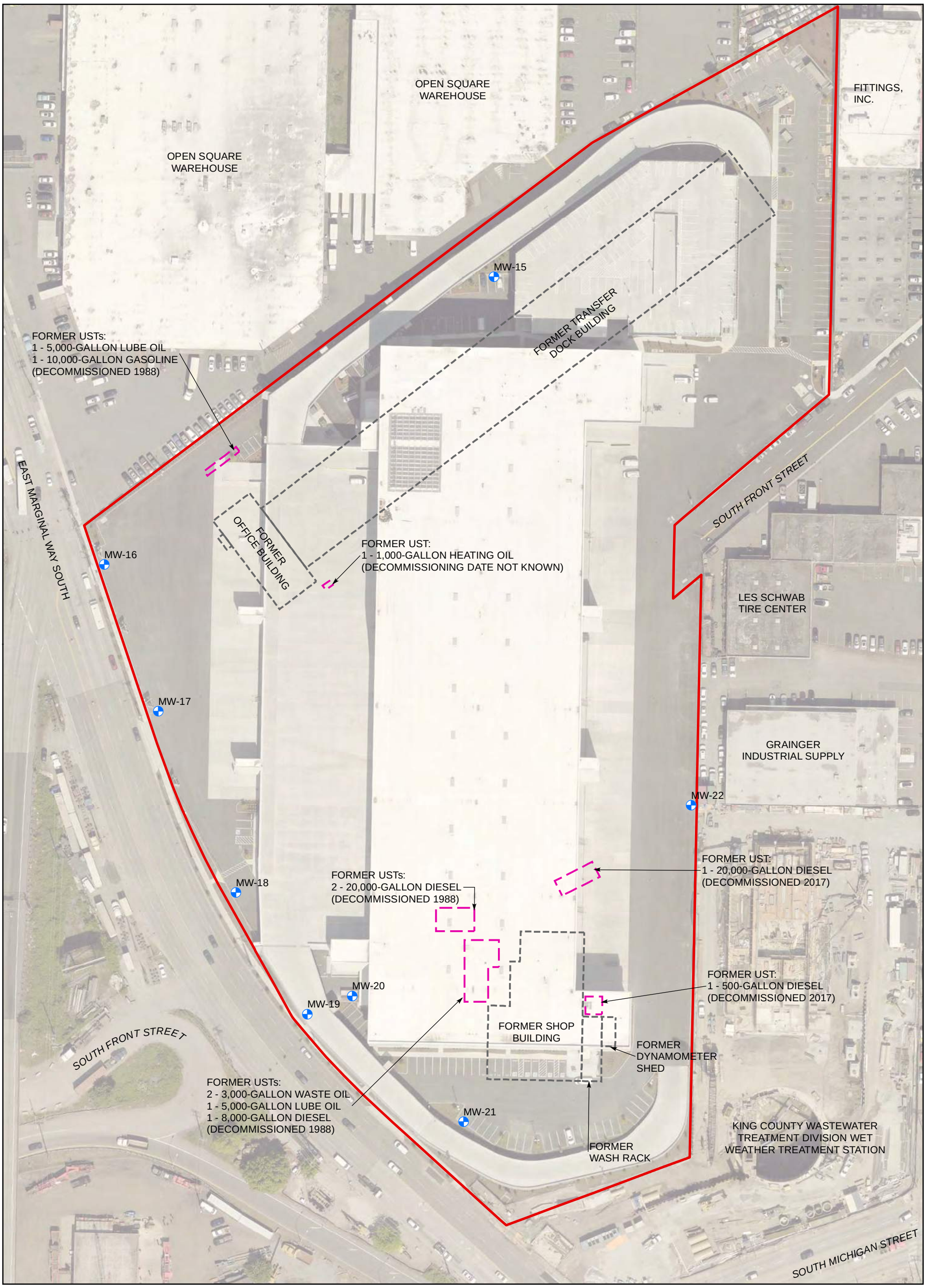

LEGEND

- MONITORING WELL (FARALLON, 2018)
- FORMER BUILDING
- FORMER UST(s)
- SITE BOUNDARY

UST = UNDERGROUND STORAGE TANK

0 100

SCALE IN FEET

N

NOTES:
1. ALL LOCATIONS ARE APPROXIMATE.
2. FIGURES WERE PRODUCED IN COLOR. GRAYSCALE COPIES MAY NOT REPRODUCE ALL ORIGINAL INFORMATION.

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FIGURE 2

SITE PLAN
6050 EAST MARGINAL WAY SOUTH
SEATTLE, WASHINGTON

FARALLON PN: 1071-010

Drawn By: jjones | Checked By: PK | Date: 4/1/2021 | Disc Reference:

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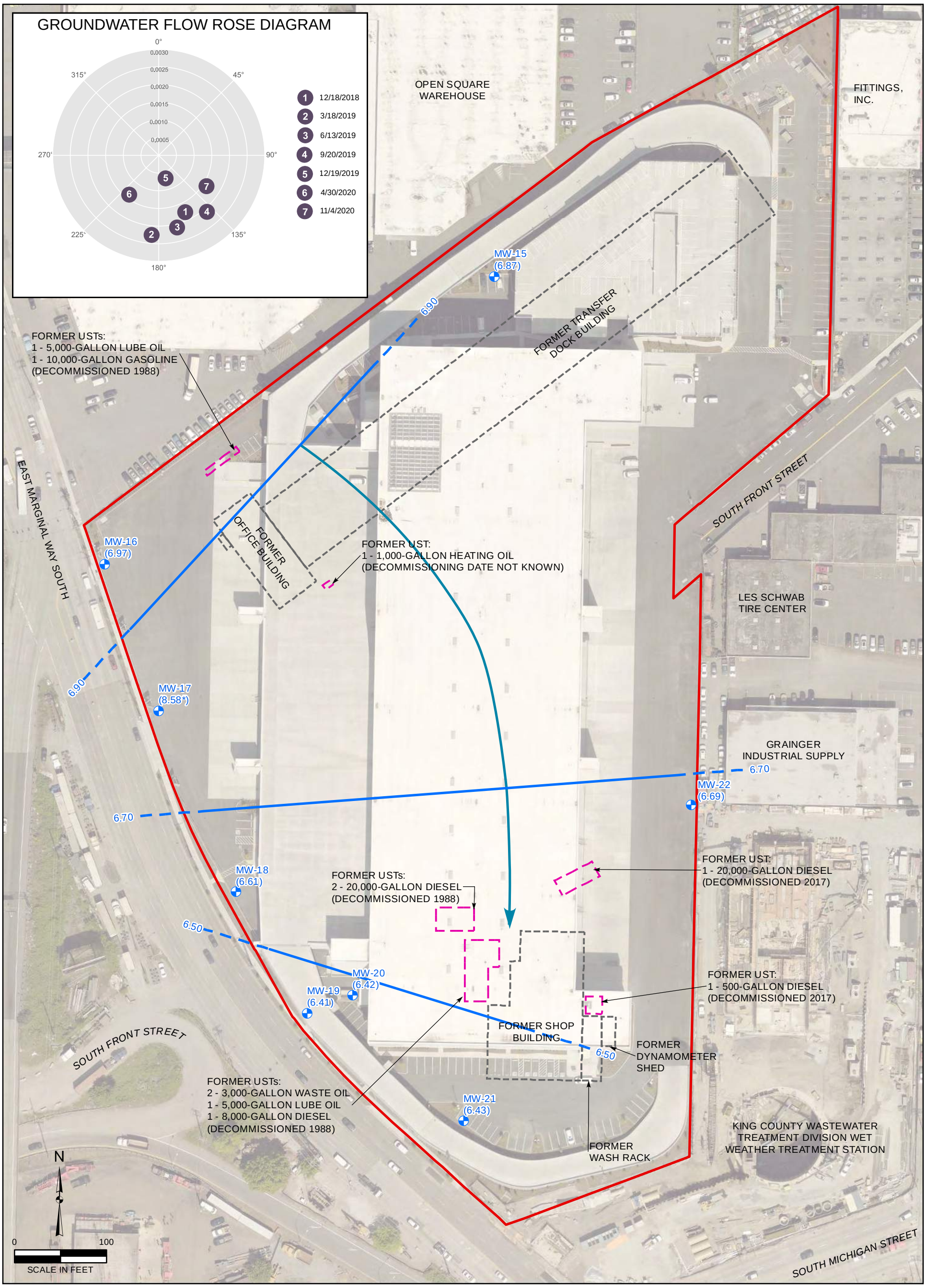

LEGEND

- MONITORING WELL (FARALLON, 2018)
- FORMER BUILDING
- FORMER UNDERGROUND STORAGE TANK(s) (UST)
- SITE BOUNDARY
- INFERRED GROUNDWATER FLOW DIRECTION
- 6.50 GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- (6.41) GROUNDWATER ELEVATION IN FEET RELATIVE TO NORTH AMERICAN VERTICAL DATUM OF 1988
- (8.58*) ELEVATION NOT USED IN CONTOURING

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FIGURE 3

GROUNDWATER FLOW DIRECTION
6050 EAST MARGINAL WAY SOUTH
SEATTLE, WASHINGTON

FARALLON PN: 1071-010

Drawn By: jjones | Checked By: PK | Date: 4/1/2021 | Disc Reference:

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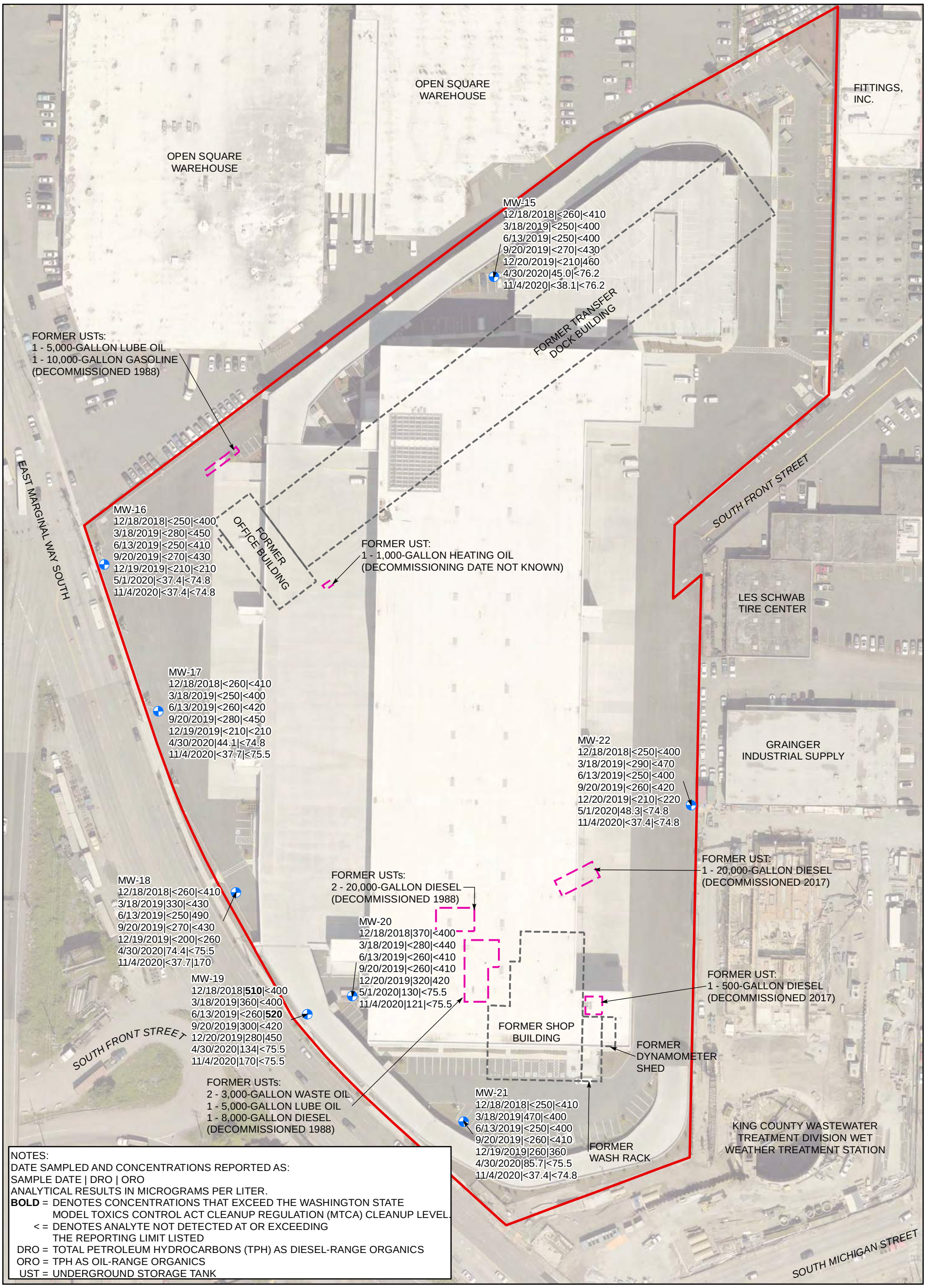

NOTES:
DATE SAMPLED AND CONCENTRATIONS REPORTED AS:
SAMPLE DATE | DRO | ORO
ANALYTICAL RESULTS IN MICROGRAMS PER LITER.
BOLD = DENOTES CONCENTRATIONS THAT EXCEED THE WASHINGTON STATE MODEL TOXICS CONTROL ACT CLEANUP REGULATION (MTCA) CLEANUP LEVEL.
< = DENOTES ANALYTE NOT DETECTED AT OR EXCEEDING THE REPORTING LIMIT LISTED
DRO = TOTAL PETROLEUM HYDROCARBONS (TPH) AS DIESEL-RANGE ORGANICS
ORO = TPH AS OIL-RANGE ORGANICS
UST = UNDERGROUND STORAGE TANK

LEGEND

- MONITORING WELL (FARALLON, 2018)
- FORMER BUILDING
- FORMER UST(s)

0 100
SCALE IN FEET

N

NOTES:
1. ALL LOCATIONS ARE APPROXIMATE.
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FIGURE 4

GROUNDWATER ANALYTICAL RESULTS
FOR DRO AND ORO
6050 EAST MARGINAL WAY SOUTH
SEATTLE, WASHINGTON

FARALLON PN: 1071-010

Drawn By: jjones | Checked By: PK | Date: 4/1/2021 | Disc Reference:

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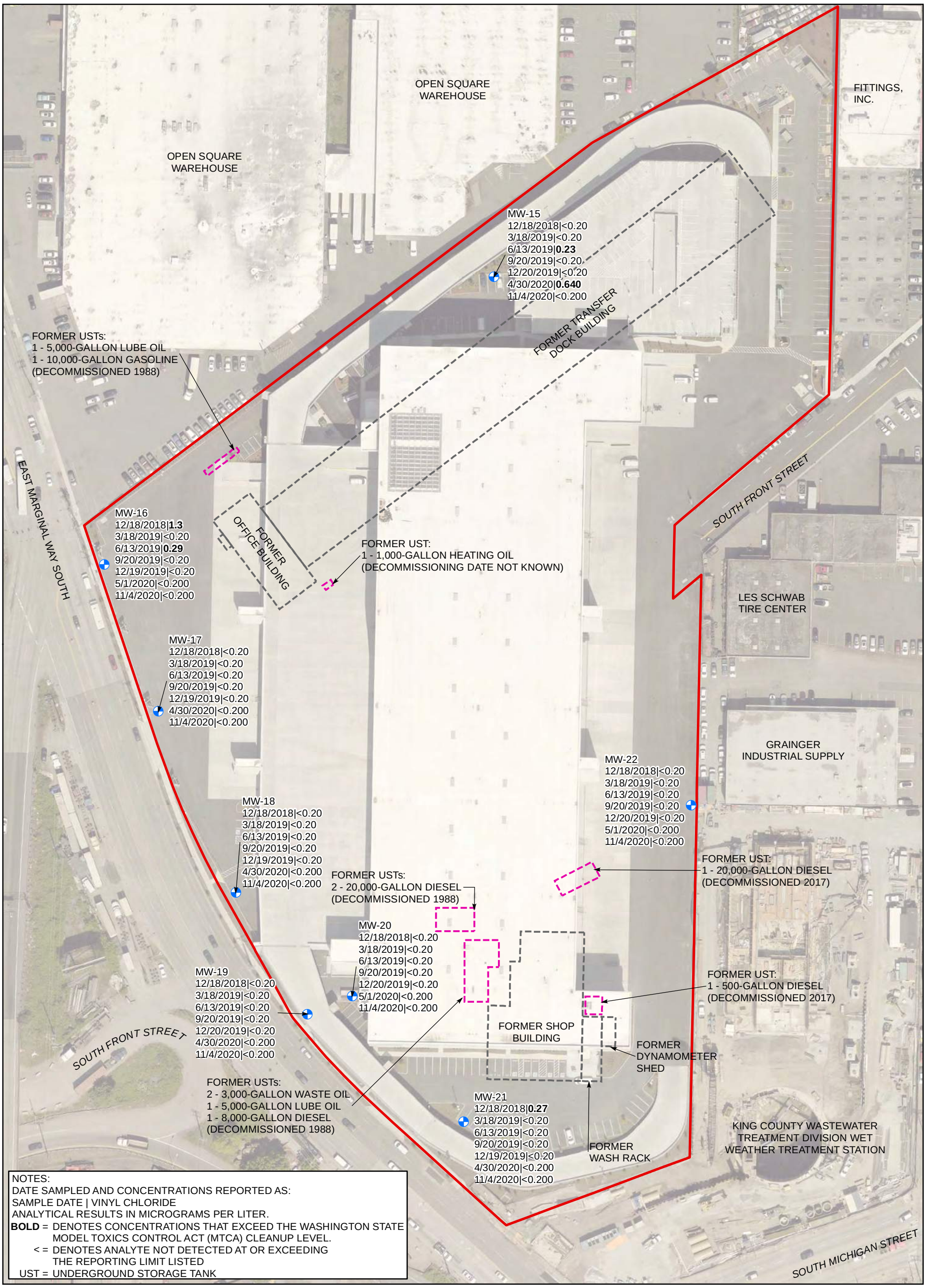

NOTES:
DATE SAMPLED AND CONCENTRATIONS REPORTED AS:
SAMPLE DATE | VINYL CHLORIDE
ANALYTICAL RESULTS IN MICROGRAMS PER LITER.
BOLD = DENOTES CONCENTRATIONS THAT EXCEED THE WASHINGTON STATE MODEL TOXICS CONTROL ACT (MTCA) CLEANUP LEVEL.
< = DENOTES ANALYTE NOT DETECTED AT OR EXCEEDING THE REPORTING LIMIT LISTED
UST = UNDERGROUND STORAGE TANK

LEGEND

- MONITORING WELL (FARALLON, 2018)
- FORMER BUILDING
- FORMER UST(s)
- SITE BOUNDARY

0 100
SCALE IN FEET

N

NOTES:
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FIGURE 5

GROUNDWATER ANALYTICAL RESULTS
FOR VINYL CHLORIDE
6050 EAST MARGINAL WAY SOUTH
SEATTLE, WASHINGTON

FARALLON PN: 1071-010

Drawn By: jjones | Checked By: PK | Date: 4/1/2021 | Disc Reference:

Path: Q:\Projects\1071 Prologis\010 EMarginalWay\Mapfiles\004C_GW-Compliance_202103\Figure-05_GW-VOCs.mxd

TABLES

SUMMARY OF COMPLIANCE MONITORING WELL INSTALLATION AND GROUNDWATER COMPLIANCE MONITORING RESULTS
6050 East Marginal Way South
Seattle, Washington

Farallon PN: 1071-010

Table 1
Groundwater Elevations
6050 East Marginal Way South
Seattle, Washington
Farallon PN: 1071-010

Location	Top of Casing Elevation (feet NAVD88)[1]	Monitoring Date	Depth to Water (feet)[2]	Water Level Elevation (feet NAVD88)[1]
MW-15	16.17	12/18/2018	9.39	6.78
		3/18/2019	9.58	6.59
		6/13/2019	10.92	5.25
		9/20/2019	10.92	5.25
		12/19/2019	9.53	6.64
		4/30/2020	9.34	6.83
		11/4/2020	9.30	6.87
MW-16	15.44	12/18/2018	8.66	6.78
		3/18/2019	9.38	6.06
		6/13/2019	11.23	4.21
		9/20/2019	10.32	5.12
		12/19/2019	8.55	6.89
		4/30/2020	9.15	6.29
		11/4/2020	8.47	6.97
MW-17	15.40	12/18/2018	8.76	6.64
		3/18/2019	9.85	5.55
		6/13/2019	10.49	4.91
		9/20/2019	10.69	4.71
		12/19/2019	8.81	6.59
		4/30/2020	9.15	6.25
		11/4/2020	6.82	8.58
MW-18	16.06	12/18/2018	9.84	6.22
		3/18/2019	10.42	5.64
		6/13/2019	11.88	4.18
		9/20/2019	11.67	4.39
		12/19/2019	9.65	6.41
		4/30/2020	10.13	5.93
		11/4/2020	9.45	6.61
MW-19	14.30	12/18/2018	8.31	5.99
		3/18/2019	8.95	5.35
		6/13/2019	10.53	3.77
		9/20/2019	8.80	5.50
		12/19/2019	8.08	6.22
		4/30/2020	8.51	5.79
		11/4/2020	7.89	6.41

Table 1
Groundwater Elevations
6050 East Marginal Way South
Seattle, Washington
Farallon PN: 1071-010

Location	Top of Casing Elevation (feet NAVD88)[1]	Monitoring Date	Depth to Water (feet)[2]	Water Level Elevation (feet NAVD88)[1]
MW-20	12.93	12/18/2018	7.04	5.89
		3/18/2019	8.64	4.29
		6/13/2019	9.21	3.72
		9/20/2019	8.80	4.13
		12/19/2019	6.68	6.25
		4/30/2020	7.09	5.84
		11/4/2020	6.51	6.42
MW-21	16.22	12/18/2018	11.15	5.07
		3/18/2019	11.77	4.45
		6/13/2019	13.22	3.00
		9/20/2019	13.35	2.87
		12/19/2019	10.00	6.22
		4/30/2020	10.30	5.92
		11/4/2020	9.79	6.43
MW-22	14.73	12/18/2018	8.47	6.26
		3/18/2019	8.84	5.89
		6/13/2019	10.78	3.95
		9/20/2019	10.58	4.15
		12/19/2019	8.13	6.60
		4/30/2020	8.12	6.61
		11/4/2020	8.04	6.69

Notes:
[1] In feet above mean sea level.
[2] In feet below top of well casing.
NAVD88 = North American Vertical Datum of 1988

NAVD88 = North American Vertical Datum of 1988

Table 2
Groundwater Analytical Results for TPH and BTEX
6050 East Marginal Way South
Seattle, Washington
Farallon PN: 1071-010

Sample Location	Sample Date	Sample Identification	Analytical Results (micrograms per liter)						
			DRO[1]	ORO[1]	GRO[2]	Benzene[3]	Toluene[3]	Ethylbenzene[3]	Xylenes[3]
MW-15	12/18/2018	MW-15-121818	< 260	< 410	< 100	< 0.20	< 1.0	< 0.20	< 0.60
	3/18/2019	MW-15-031819	< 250	< 400	---	---	---	---	---
	6/13/2019	MW-15-061319	< 250	< 400	---	---	---	---	---
	9/20/2019	MW-15-092019	< 270	< 430	---	---	---	---	---
	12/20/2019	MW-15-122019	< 210	460	---	---	---	---	---
	4/30/2020	MW-15-042020	45.0 J	< 76.2	---	---	---	---	---
	11/4/2020	MW-15-110420	< 38.1	< 76.2	---	---	---	---	
MW-16	12/18/2018	MW-16-121818	< 250	< 400	< 100	< 0.20	< 1.0	< 0.20	< 0.60
	3/18/2019	MW-16-031819	< 280	< 450	---	---	---	---	---
	6/13/2019	MW-16-061319	< 250	< 410	---	---	---	---	---
	9/20/2019	MW-16-092019	< 270	< 430	---	---	---	---	---
	12/19/2019	MW-16-121919	< 210	< 210	---	---	---	---	---
	5/1/2020	MW-16-052020	< 37.4	< 74.8	---	---	---	---	---
	11/4/2020	MW-16-110420	< 37.4	< 74.8	---	---	---	---	---
MW-17	12/18/2018	MW-17-121818	< 260	< 410	< 100	< 0.20	< 1.0	< 0.20	< 0.60
	3/18/2019	MW-17-031819	< 250	< 400	---	---	---	---	---
	6/13/2019	MW-17-061319	< 260	< 420	---	---	---	---	---
	9/20/2019	MW-17-092019	< 280	< 450	---	---	---	---	---
	12/19/2019	MW-17-121919	< 210	< 210	---	---	---	---	---
	4/30/2020	MW-17-042020	44.1 J	< 74.8	---	---	---	---	---
	11/4/2020	MW-17-110420	< 37.7	< 75.5	---	---	---	---	
MW-18	12/18/2018	MW-18-121818	< 260	< 410	< 100	< 0.20	< 1.0	< 0.20	< 0.60
	3/18/2019	MW-18-031819	330	< 430	---	---	---	---	---
	6/13/2019	MW-18-061319	< 250	490	---	---	---	---	---
	9/20/2019	MW-18-092019	< 270	< 430	---	---	---	---	---
	12/19/2019	MW-18-121919	< 200	< 260	---	---	---	---	---
	4/30/2020	MW-18-042020	74.4 J	< 75.5	---	---	---	---	---
	11/4/2020	MW-18-110420	< 37.7	170	---	---	---	---	---
MW-19	12/18/2018	MW-19-121818	**510**	< 400	< 100	< 0.20	< 1.0	< 0.20	< 0.60
	3/18/2019	MW-19-031819	360	< 400	---	---	---	---	---
	6/13/2019	MW-19-061319	< 260	**520**	**---**	**---**	**---**	---	---
	9/20/2019	MW-19-092019	300	< 420	---	---	---	---	---
	12/20/2019	MW-19-122019	280	450	---	---	---	---	---
	4/30/2020	MW-19-042020	134	< 75.5	---	---	---	---	---
	11/4/2020	MW19-110420	170	< 75.5	---	---	---	---	---

Table 2
Groundwater Analytical Results for TPH and BTEX
6050 East Marginal Way South
Seattle, Washington
Farallon PN: 1071-010

Sample Location	Sample Date	Sample Identification	Analytical Results (micrograms per liter)						
			DRO[1]	ORO[1]	GRO[2]	Benzene[3]	Toluene[3]	Ethylbenzene[3]	Xylenes[3]
MTCA Method A Cleanup Level for Groundwater[4]			**500**	**500**	**800/1,000[5]**	**5**	**1,000**	**700**	**1,000**
MW-20	12/18/2018	MW-20-121818	370	< 400	< 100	< 0.20	< 1.0	< 0.20	< 0.60
	3/18/2019	MW-20-031819	< 280	< 440	---	---	---	---	---
	6/13/2019	MW-20-061319	< 260	< 410	---	---	---	---	---
	9/20/2019	MW-20-092019	< 260	< 410	---	---	---	---	---
	12/20/2019	MW-20-122019	320	420	---	---	---	---	---
	5/1/2020	MW-20-052020	130	< 75.5	---	---	---	---	---
	11/4/2020	MW20-110420	121	< 75.5	---	---	---	---	---
MW-21	12/18/2018	MW-21-121818	< 250	< 410	< 100	< 0.20	< 1.0	< 0.20	< 0.60
	3/18/2019	MW-21-031819	470	< 400	---	---	---	---	---
	6/13/2019	MW-21-061319	< 250	< 400	---	---	---	---	---
	9/20/2019	MW-21-092019	< 260	< 410	---	---	---	---	---
	12/19/2019	MW-21-121919	260	360	---	---	---	---	---
	4/30/2020	MW-21-042020	85.7	< 75.5	---	---	---	---	---
	11/4/2020	MW21-110420	< 37.4	< 74.8	---	---	---	---	---
MW-22	12/18/2018	MW-22-121818	< 250	< 400	< 100	< 0.20	< 1.0	< 0.20	< 0.60
	3/18/2019	MW-22-031819	< 290	< 470	---	---	---	---	---
	6/13/2019	MW-22-061319	< 250	< 400	---	---	---	---	---
	9/20/2019	MW-22-092019	< 260	< 420	---	---	---	---	---
	12/20/2019	MW-22-122019	< 210	< 220	---	---	---	---	---
	5/1/2020	MW-22-052020	48.3 J	< 74.8	---	---	---	---	---
	11/4/2020	MW22-110420	< 37.4	< 74.8	---	---	---	---	---
MTCA Method A Cleanup Level for Groundwater[4]			**500**	**500**	**800/1,000[5]**	**5**	**1,000**	**700**	**1,000**

NOTES:

Results in **bold** denote concentrations exceeding applicable cleanup levels.

< denotes analyte not detected at or exceeding the reporting limit listed.

— denotes sample not analyzed.

[1]Analyzed by Northwest Method NWTPH-Dx.

[2]Analyzed by Northwest Method NWTPH-Gx.

[3]Analyzed by U.S. Environmental Protection Agency Method 8260C.

[4]Washington State Model Toxics Control Act Cleanup Regulation Method A Cleanup Levels for Groundwater, Table 720-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as amended 2013.

[5]Cleanup level is 800 micrograms per liter if benzene is detected and 1,000 micrograms per liter if benzene is not detected.

BTEX = benzene, toluene, ethylbenzene, and xylenes

DRO = total petroleum hydrocarbons (TPH) as diesel-range organics

GRO = TPH as gasoline-range organics

J = result is an estimate

ORO = TPH as oil-range organics

Table 3
Groundwater Analytical Results for Halogenated VOCs
6050 East Marginal Way South
Seattle, Washington
Farallon PN: 1071-010

Sample Location	Sample Date	Sample Identification	Analytical Results (micrograms per liter)[1]					
			PCE	TCE	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	Chloroform
MW-15	12/18/2018	MW-15-121818	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	3/18/2019	MW-15-031819	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	6/13/2019	MW-15-061319	< 0.20	< 0.20	< 0.20	< 0.20	**0.23**	< 0.20
	9/20/2019	MW-15-092019	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	12/20/2019	MW-15-122019	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	4/30/2020	MW-15-042020	< 0.200	< 0.200	< 0.200	< 0.200	**0.640**	< 0.500
	11/4/2020	MW-15-110420	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.500
MW-16	12/18/2018	MW-16-121818	< 0.20	< 0.20	< 0.20	< 0.20	**1.3**	0.92
	3/18/2019	MW-16-031819	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	**5.4**
	6/13/2019	MW-16-061319	< 0.20	< 0.20	< 0.20	< 0.20	**0.29**	0.49
	9/20/2019	MW-16-092019	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	12/19/2019	MW-16-121919	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	5/1/2020	MW-16-052020	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.500
	11/4/2020	MW-16-110420	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	**35.9**
MW-17	12/18/2018	MW-17-121818	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	3/18/2019	MW-17-031819	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	0.30
	6/13/2019	MW-17-061319	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	9/20/2019	MW-17-092019	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	12/19/2019	MW-17-121919	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	4/30/2020	MW-17-042020	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.500
	11/4/2020	MW-17-110420	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	**22.3**
MW-18	12/18/2018	MW-18-121818	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	3/18/2019	MW-18-031819	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	6/13/2019	MW-18-061319	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	9/20/2019	MW-18-092019	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	12/19/2019	MW-18-121919	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	4/30/2020	MW-18-042020	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.500
	11/4/2020	MW-18-110420	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.500
MW-19	12/18/2018	MW-19-121818	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	3/18/2019	MW-19-031819	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	6/13/2019	MW-19-061319	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	9/20/2019	MW-19-092019	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	12/20/2019	MW-19-122019	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20

Table 3
Groundwater Analytical Results for Halogenated VOCs
6050 East Marginal Way South
Seattle, Washington
Farallon PN: 1071-010

Sample Location	Sample Date	Sample Identification	Analytical Results (micrograms per liter)[1]					
			PCE	TCE	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	Chloroform
	4/30/2020	MW-19-042020	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.500
	11/4/2020	MW19-110420	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.500

Table 3
Groundwater Analytical Results for Halogenated VOCs
6050 East Marginal Way South
Seattle, Washington
Farallon PN: 1071-010

Sample Location	Sample Date	Sample Identification	Analytical Results (micrograms per liter)[1]					
			PCE	TCE	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	Chloroform
MTCA Cleanup Levels for Groundwater[2]			**5**	**5**	**16[3]**	**160[3]**	**0.2**	**1.41[3]**
MW-20	12/18/2018	MW-20-121818	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	3/18/2019	MW-20-031819	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	6/13/2019	MW-20-061319	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	9/20/2019	MW-20-092019	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	12/20/2019	MW-20-122019	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	5/1/2020	MW-20-052020	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.500
	11/4/2020	MW20-110420	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.500
MW-21	12/18/2018	MW-21-121818	< 0.20	< 0.20	< 0.20	< 0.20	**0.27**	< 0.20
	3/18/2019	MW-21-031819	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	6/13/2019	MW-21-061319	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	9/20/2019	MW-21-092019	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	12/19/2019	MW-21-121919	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	4/30/2020	MW-21-042020	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.500
	11/4/2020	MW21-110420	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.500
MW-22	12/18/2018	MW-22-121818	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	3/18/2019	MW-22-031819	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	6/13/2019	MW-22-061319	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	9/20/2019	MW-22-092019	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	12/20/2019	MW-22-122019	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	5/1/2020	MW-22-052020	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.500
	11/4/2020	MW22-110420	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.500
MTCA Cleanup Levels for Groundwater[2]			**5**	**5**	**16[3]**	**160[3]**	**0.2**	**1.41[3]**

NOTES:

< denotes analyte not detected at or exceeding the reporting limit listed.

[1]Analyzed by U.S. Environmental Protection Agency Method 8260C. Only select analytes shown; see lab report for full list of analytes.

[2]Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A Cleanup Levels for Groundwater, Table 720-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as revised 2013, unless otherwise noted.

[3]Washington State Model Toxics Control Act Cleanup Regulation Cleanup Levels and Risk Calculations, Standard Method B Values for Groundwater, https://fortress.wa.gov/ecy/clarc/

PCE = tetrachloroethene
TCE = trichloroethene
VOC = volatile organic compound

Table 4
Discharge for Construction Stormwater General Permit No. WAR305356
6050 East Marginal Way South
Seattle, Washington
Farallon PN: 1071-010

Date	Monthly Discharge (gallons)
8/1/2018	13,212,030
9/1/2018	13,488,527
10/1/2018	7,700,765
11/1/2018	3,741,571
12/1/2018	7,411,045
1/3/2019	8,826,022
2/3/2019	5,763,751
3/6/2019	8,059,991
4/6/2019	8,407,164
5/7/2019	16,936,399
6/1/2019	0
7/1/2019	2,349,000
8/1/2019	0
9/1/2019	0
10/1/2019	1,947,000
11/1/2019	0
1/1/2020	0
2/1/2020	0
3/1/2020	5,945,000
4/1/2020	6,825,100
5/1/2020	1,390,200
6/1/2020	0
7/1/2020	0
8/1/2020	69,300
Total	**112,072,865**

ATTACHMENT A
MONITORING WELL CONSTRUCTION LOGS

SUMMARY OF COMPLIANCE MONITORING WELL INSTALLATION AND GROUNDWATER COMPLIANCE MONITORING RESULTS
6050 East Marginal Way South
Seattle, Washington

Farallon PN: 1071-010

FARALLON CONSULTING

Log of Boring: MW-15

Client: Prologis, Inc.
Project: Georgetown Crossroads
Location: Seattle, Washington

Farallon PN: 1071-010

Logged By: G. Peters

Date/Time Started: 12/13/18 0842
Date/Time Completed: 12/13/18 1040
Equipment: Direct Push
Drilling Company: Holt Services, Inc.
Drilling Foreman: Louis Fehner
Drilling Method: Direct Push

Sampler Type: 5' Macrocore
Drive Hammer (lbs.): Auto
Depth of Water ATD (ft bgs): 11.0
Total Boring Depth (ft bgs): 20.0
Total Well Depth (ft bgs): 20.0

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0.0-1.5': Asphalt. Air knife to 5.0' bgs to clear for utilities.	AC		100					Well Monument in Concrete
		1.5-3.5': Well-graded SAND with silt and gravel (60% sand, 30% gravel, 10% silt), fine to coarse sand, fine gravel, brown, moist, no petroleum hydrocarbon odor, some wood and metal debris (Fill).	SW-SM							Bentonite
		3.5-5.0': Silty SAND (80% sand, 20% silt), fine sand, brown, moist, no petroleum hydrocarbon odor.	SM							
5					100		0.0			Sand Pack
		9.0-10.0': SILT (90% silt, 10% sand), fine sand, brownish gray, moist, no petroleum hydrocarbon odor, some organic debris.	ML				0.0			
10		10.0-11.2': Silty SAND (80% sand, 20% silt), fine sand, brown, moist, wet at 11.0' bgs, no petroleum hydrocarbon odor.	SM		100					
		11.2-15.0': Silty SAND (60% sand, 40% silt), fine sand, brownish gray, wet, no petroleum hydrocarbon odor.	SM				0.0	MW15-11-121318	X	Water Level
15					100		0.0			PVC Screen
		19.0-20.0': Poorly-graded SAND with silt (90% sand, 10% silt), medium and coarse sand, brown and black, wet, no petroleum hydrocarbon odor.	SP-SM							
20							0.0			

Well Construction Information

Monument Type: Flush
Casing Diameter (inches): 2.0
Screen Slot Size (inches): 0.010
Screened Interval (ft bgs): 5.0-20.0
Filter Pack: 10/20 Sand, Prepack
Surface Seal: Concrete
Annular Seal: Bentonite
Boring Abandonment: NA
Ground Surface Elevation (ft): 16.45
Top of Casing Elevation (ft): 16.17
Surveyed Location: **X:** 1270396.0 **Y:** 203534.7
Unique Well ID: BLI-166

FARALLON CONSULTING

Log of Boring: MW-16

Client: Prologis, Inc.
Project: Georgetown Crossroads
Location: Seattle, Washington

Farallon PN: 1071-010

Logged By: G. Peters

Date/Time Started: 12/13/18 1030
Date/Time Completed: 12/13/18 1140
Equipment: Direct Push
Drilling Company: Holt Services, Inc.
Drilling Foreman: Louis Fehner
Drilling Method: Direct Push

Sampler Type: 5' Macrocore
Drive Hammer (lbs.): Auto
Depth of Water ATD (ft bgs): NM
Total Boring Depth (ft bgs): 20.0
Total Well Depth (ft bgs): 20.0

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0.0-1.0': Asphalt. Air knife to 5.0' bgs to clear for utilities.	AC		100					Well Monument in Concrete
		1.0-3.0': Well-graded SAND with gravel (80% sand, 15% gravel, 5% silt), fine to coarse sand, fine gravel, some cobbles, brown, moist, no petroleum hydrocarbon odor, some debris (Fill).	SW							Bentonite
		3.0-5.0': Poorly-graded SAND with silt (90% sand, 10% silt), fine and medium sand, brown, moist, no petroleum hydrocarbon odor.	SP-SM							
5		5.0-10.0': No recovery.			0					Sand Pack
10		10.0-15.0': No recovery.			0					
15		15.0-20.0': Poorly-graded SAND with silt (90% sand, 10% silt), medium and coarse sand, brownish gray, wet, no petroleum hydrocarbon odor.	SP-SM		100		0.0	MW16-15-121318		PVC Screen
20							0.0			

Well Construction Information

Monument Type: Flush
Casing Diameter (inches): 2.0
Screen Slot Size (inches): 0.010
Screened Interval (ft bgs): 5.0-20.0

Filter Pack: 10/20 Sand, Prepack
Surface Seal: Concrete
Annular Seal: Bentonite
Boring Abandonment: NA

Ground Surface Elevation (ft): 15.77
Top of Casing Elevation (ft): 15.44
Surveyed Location: **X:** 1269972.7 **Y:** 203222.2
Unique Well ID: BLI-167

FARALLON CONSULTING

Log of Boring: MW-17

Client: Prologis, Inc.
Project: Georgetown Crossroads
Location: Seattle, Washington

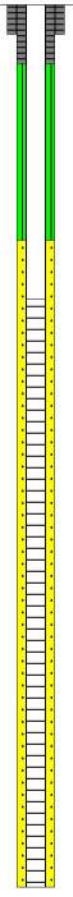
Farallon PN: 1071-010

Logged By: G. Peters

Date/Time Started: 12/13/18 1130
Date/Time Completed: 12/13/18 1330
Equipment: Direct Push
Drilling Company: Holt Services, Inc.
Drilling Foreman: Louis Fehner
Drilling Method: Direct Push

Sampler Type: 5' Macrocore
Drive Hammer (lbs.): Auto
Depth of Water ATD (ft bgs): 9.0
Total Boring Depth (ft bgs): 15.0
Total Well Depth (ft bgs): 15.0

Depth (feet bgs.)	Lithologic Description	USCS	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed
0	0.0-1.5': Asphalt. Air knife to 5.0' bgs to clear for utilities.	AC	100				
	1.5-3.0': Well-graded SAND with silt and gravel (70% sand, 20% gravel, 10% silt), fine to coarse sand, fine gravel, brown, moist, no petroleum hydrocarbon odor, some debris (Fill).	SW-SM					
	3.0-9.0': Poorly-graded SAND with silt (90% sand, 10% silt), fine and medium sand, brown, moist, no petroleum hydrocarbon odor.	SP-SM					
5			100		0.0		
	9.0-15.0': Silty SAND (60% sand, 40% silt), fine sand, brownish gray, wet, no petroleum hydrocarbon odor.	SM				MW17-9-121318	X
10			100		0.0		
15					0.0		
20							



Well Construction Information

Monument Type: Flush
Casing Diameter (inches): 2.0
Screen Slot Size (inches): 0.010
Screened Interval (ft bgs): 5.0-15.0

Filter Pack: 10/20 Sand, Prepack
Surface Seal: Concrete
Annular Seal: Bentonite
Boring Abandonment: NA

Ground Surface Elevation (ft): 15.61
Top of Casing Elevation (ft): 15.40
Surveyed Location: X: 1270031.3 Y: 203062.7
Unique Well ID: BLI-168

FARALLON CONSULTING

Log of Boring: MW-18

Client: Prologis, Inc.
Project: Georgetown Crossroads
Location: Seattle, Washington

Farallon PN: 1071-010

Logged By: G. Peters

Date/Time Started: 12/13/18 1330
Date/Time Completed: 12/13/18 1435
Equipment: Direct Push
Drilling Company: Holt Services, Inc.
Drilling Foreman: Louis Fehner
Drilling Method: Direct Push

Sampler Type: 5' Macrocore
Drive Hammer (lbs.): Auto
Depth of Water ATD (ft bgs): 9.0
Total Boring Depth (ft bgs): 15.0
Total Well Depth (ft bgs): 15.0

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0.0-0.5': Asphalt. Air knife to 5.0' bgs to clear for utilities.	AC		100					Well Monument in Concrete
		0.5-3.0': Well-graded SAND with silt and gravel (75% sand, 15% gravel, 10% silt), fine to coarse sand, fine gravel, brown, moist, no petroleum hydrocarbon odor.	SW-SM							Bentonite
		3.5-5.0': Poorly-graded SAND (90% sand, 10% silt), fine and medium sand, brown, moist, no petroleum hydrocarbon odor.	SP-SM							
5		5.0-9.0': Poorly-graded SAND (90% sand, 10% silt), medium and coarse sand, brown, moist, no petroleum hydrocarbon odor.	SP-SM		100		0.0			Sand Pack
							0.0	MW18-8-121318		Water Level
10		9.0-13.0': Sandy SILT (60% silt, 40% sand), fine sand, brownish gray, wet, no petroleum hydrocarbon odor.	ML		100		0.0			PVC Screen
		13.0-15.0': Poorly-graded SAND with silt (90% sand, 10% silt), coarse sand, gray, wet, no petroleum hydrocarbon odor.	SP-SM							
15							0.0			
20										

Well Construction Information

Monument Type: Flush
Casing Diameter (inches): 2.0
Screen Slot Size (inches): 0.010
Screened Interval (ft bgs): 5.0-15.0

Filter Pack: 10/20 Sand, Prepack
Surface Seal: Concrete
Annular Seal: Bentonite
Boring Abandonment: NA

Ground Surface Elevation (ft): 16.39
Top of Casing Elevation (ft): 16.06
Surveyed Location: **X:** 1270115.5 **Y:** 202865.8
Unique Well ID: BLI-169

FARALLON CONSULTING

Log of Boring: MW-19

Client: Prologis, Inc.
Project: Georgetown Crossroads
Location: Seattle, Washington

Farallon PN: 1071-010

Logged By: G. Peters

Date/Time Started: 12/13/18 1450
Date/Time Completed: 12/13/18 1555
Equipment: Direct Push
Drilling Company: Holt Services, Inc.
Drilling Foreman: Louis Fehner
Drilling Method: Direct Push

Sampler Type: 5' Macrocore
Drive Hammer (lbs.): Auto
Depth of Water ATD (ft bgs): 8.0
Total Boring Depth (ft bgs): 15.0
Total Well Depth (ft bgs): 15.0

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0.0-1.0': Asphalt. Air knife to 5.0' bgs to clear for utilities.	AC		100					Well Monument in Concrete
		1.0-4.0': Well-graded SAND with silt and gravel (70% sand, 20% gravel, 10% silt), fine to coarse sand, fine gravel, brown, moist, no petroleum hydrocarbon odor.	SW-SM							Bentonite
5		4.0-8.0': Poorly-graded SAND with silt (90% sand. 10% silt), fine to coarse sand, brown, moist, no petroleum hydrocarbon odor.	SP-SM		100		0.0			Sand Pack
		8.0-11.0': Sandy SILT (60% silt, 40% sand), fine sand, brownish gray, wet, no petroleum hydrocarbon odor.	ML					MW19-8-121318		Water Level
10		11.0-15.0': Poorly-graded SAND with silt (90% sand, 10% silt), coarse sand, gray, wet, no petroleum hydrocarbon odor.	SP-SM		100		0.0			PVC Screen
15							0.0			
20										

Well Construction Information

Monument Type: Flush
Casing Diameter (inches): 2.0
Screen Slot Size (inches): 0.010
Screened Interval (ft bgs): 5.0-15.0

Filter Pack: 10/20 Sand, Prepack
Surface Seal: Concrete
Annular Seal: Bentonite
Boring Abandonment: NA

Ground Surface Elevation (ft): 14.56
Top of Casing Elevation (ft): 14.30
Surveyed Location: **X:** 1270193.1 **Y:** 202734.0
Unique Well ID: BLI-171

FARALLON CONSULTING

Log of Boring: MW-20

Client: Prologis, Inc.
Project: Georgetown Crossroads
Location: Seattle, Washington

Farallon PN: 1071-010

Logged By: G. Peters

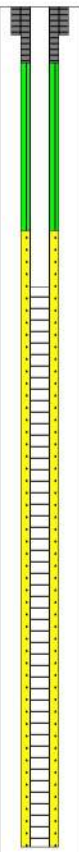
Date/Time Started: 12/13/18 1430
Date/Time Completed: 12/13/18 1500
Equipment: Direct Push
Drilling Company: Holt Services, Inc.
Drilling Foreman: Louis Fehner
Drilling Method: Direct Push

Sampler Type: 5' Macrocore
Drive Hammer (lbs.): Auto
Depth of Water ATD (ft bgs): 8.0
Total Boring Depth (ft bgs): 15.0
Total Well Depth (ft bgs): 15.0

Depth (feet bgs.)	Lithologic Description	USCS	% Recovery	PID (ppm)	Sample ID
0	0.0-1.0': Asphalt. Air knife to 5.0' bgs to clear for utilities.	AC	100		
	1.0-7.0': Poorly-graded SAND with silt (80% sand, 10% silt, 10% gravel), fine and medium sand, fine gravel, brown, moist no petroleum hydrocarbon odor.	SP-SM		0.0	
5			100		
	7.0-13.0': Sandy SILT (60% sand, 40% silt), fine sand, brownish gray, moist, wet at 8.0', no petroleum hydrocarbon odor.	ML		0.0	MW20-8-121318
10			100	0.0	
	13.0-15.0': Poorly-graded SAND with silt (90% sand, 10% silt), coarse sand, gray, wet, no petroleum hydrocarbon odor.	SP-SM			
15				0.0	
20					

Sample Analyzed

Boring/Well Construction Details



Well Construction Information

Monument Type: Flush
Casing Diameter (inches): 2.0
Screen Slot Size (inches): 0.010
Screened Interval (ft bgs): 5.0-15.0

Filter Pack: 10/20 Sand, Prepack
Surface Seal: Concrete
Annular Seal: Bentonite
Boring Abandonment: NA

Ground Surface Elevation (ft): 13.22
Top of Casing Elevation (ft): 12.93
Surveyed Location: **X:** 1270242.0 **Y:** 202753.7
Unique Well ID: BLI-170

FARALLON CONSULTING

Log of Boring: MW-21

Client: Prologis, Inc.
Project: Georgetown Crossroads
Location: Seattle, Washington

Farallon PN: 1071-010

Logged By: G. Peters

Date/Time Started: 12/13/18 1515
Date/Time Completed: 12/14/18 0845
Equipment: Direct Push
Drilling Company: Holt Services, Inc.
Drilling Foreman: Louis Fehner
Drilling Method: Direct Push

Sampler Type: 5' Macrocore
Drive Hammer (lbs.): Auto
Depth of Water ATD (ft bgs): 8.0
Total Boring Depth (ft bgs): 15.0
Total Well Depth (ft bgs): 15.0

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0.0-1.0': Asphalt. Air knife to 5.0' bgs to clear for utilities.	AC		100					Well Monument in Concrete
		1.0-4.0': Well-graded SAND with silt and gravel (70% sand, 20% gravel, 10% silt), fine to coarse sand, fine gravel, brown, moist, no petroleum hydrocarbon odor.	SW-SM							Bentonite
5		4.0-11.0': Poorly-graded SAND with silt (90% sand, 10% silt), fine and medium sand, brown, moist, no petroleum hydrocarbon odor.	SP-SM		100		0.0			Sand Pack
		Wet at 8.0' bgs.					0.0	MW21-8-121418		Water Level
10					100		0.0			
		11.0-13.0': Sandy SILT (60% silt, 40% sand), fine sand, gray, wet, no petroleum hydrocarbon odor.	ML							PVC Screen
		13.0-15.0': Poorly-graded SAND (90% sand, 10% silt), coarse sand, gray, wet, no petroleum hydrocarbon odor.	SP-SM							
15							0.0			
20										

Well Construction Information

Monument Type: Flush
Casing Diameter (inches): 2.0
Screen Slot Size (inches): 0.010
Screened Interval (ft bgs): 5.0-15.0

Filter Pack: 10/20 Sand, Prepack
Surface Seal: Concrete
Annular Seal: Bentonite
Boring Abandonment: NA

Ground Surface Elevation (ft): 16.46
Top of Casing Elevation (ft): 16.22
Surveyed Location: **X:** 1270363.0 **Y:** 202617.0
Unique Well ID: BLI-172

Log of Boring: MW-22

Client: Prologis, Inc.
Project: Georgetown Crossroads
Location: Seattle, Washington

Farallon PN: 1071-010

Logged By: G. Peters

Date/Time Started: 12/14/18 0830
Date/Time Completed: 12/14/18 1000
Equipment: Direct Push
Drilling Company: Holt Services, Inc.
Drilling Foreman: Louis Fehner
Drilling Method: Direct Push

Sampler Type: 5' Macrocore
Drive Hammer (lbs.): Auto
Depth of Water ATD (ft bgs): 8.0
Total Boring Depth (ft bgs): 15.0
Total Well Depth (ft bgs): 15.0

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0.0-1.5': Asphalt. Air knife to 5.0' bgs to clear for utilities.	AC		100					Well Monument in Concrete
		1.5-9.5': Poorly-graded SAND with silt (90% sand, 10% silt), fine and medium sand, brown, moist, no petroleum hydrocarbon odor.	SP-SM							Bentonite
5					100		0.0			Sand Pack
		Wet at 8.0' bgs.					0.0	MW22-8-121418	X	Water Level
10		9.5-11.0': Sandy SILT (70% silt, 30% sand), fine sand, gray, wet, no petroleum hydrocarbon odor.	ML		100		0.0			
		11.0-15.0': Poorly-graded SAND (90% sand, 10% silt), coarse sand, gray, wet, no petroleum hydrocarbon odor.	SP-SM							PVC Screen
15							0.0			
20										

Well Construction Information

Monument Type: Flush
Casing Diameter (inches): 2.0
Screen Slot Size (inches): 0.010
Screened Interval (ft bgs): 5.0-15.0

Filter Pack: 10/20 Sand, Prepack
Surface Seal: Concrete
Annular Seal: Bentonite
Boring Abandonment: NA

Ground Surface Elevation (ft): 15.01
Top of Casing Elevation (ft): 14.73
Surveyed Location: **X:** 1270610.1 **Y:** 202960.6
Unique Well ID: BLI-173

ATTACHMENT B
LABORATORY ANALYTICAL REPORTS – COMPLIANCE GROUNDWATER MONITORING EVENTS (2018-2020)

SUMMARY OF COMPLIANCE MONITORING WELL INSTALLATION AND GROUNDWATER COMPLIANCE MONITORING RESULTS
6050 East Marginal Way South
Seattle, Washington

Farallon PN: 1071-01

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

December 28, 2018

Pete Kingston
Farallon Consulting
1809 7th Ave., Suite 1111
Seattle, WA 98101

Re: Analytical Data for Project 1071-010
Laboratory Reference No. 1812-192

Dear Pete:

Enclosed are the analytical results and associated quality control data for samples submitted on December 19, 2018.

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

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

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: December 28, 2018
Samples Submitted: December 19, 2018
Laboratory Reference: 1812-192
Project: 1071-010

Case Narrative

Samples were collected on December 18, 2018 and received by the laboratory on December 19, 2018. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

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

Date of Report: December 28, 2018
Samples Submitted: December 19, 2018
Laboratory Reference: 1812-192
Project: 1071-010

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-15-121818**					
Laboratory ID:	12-192-01					
Gasoline	**ND**	100	NWTPH-Gx	12-21-18	12-21-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*80*	*66-117*				
Client ID:	**MW-16-121818**					
Laboratory ID:	12-192-02					
Gasoline	**ND**	100	NWTPH-Gx	12-21-18	12-21-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*79*	*66-117*				
Client ID:	**MW-17-121818**					
Laboratory ID:	12-192-03					
Gasoline	**ND**	100	NWTPH-Gx	12-21-18	12-21-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*80*	*66-117*				
Client ID:	**MW-18-121818**					
Laboratory ID:	12-192-04					
Gasoline	**ND**	100	NWTPH-Gx	12-21-18	12-21-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*78*	*66-117*				
Client ID:	**MW-19-121818**					
Laboratory ID:	12-192-05					
Gasoline	**ND**	100	NWTPH-Gx	12-21-18	12-21-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*78*	*66-117*				
Client ID:	**MW-20-121818**					
Laboratory ID:	12-192-06					
Gasoline	**ND**	100	NWTPH-Gx	12-21-18	12-21-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*79*	*66-117*				

Date of Report: December 28, 2018
Samples Submitted: December 19, 2018
Laboratory Reference: 1812-192
Project: 1071-010

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-21-121818**					
Laboratory ID:	12-192-07					
Gasoline	**ND**	100	NWTPH-Gx	12-21-18	12-21-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*79*	*66-117*				
Client ID:	**MW-22-121818**					
Laboratory ID:	12-192-08					
Gasoline	**ND**	100	NWTPH-Gx	12-21-18	12-21-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*77*	*66-117*				

Date of Report: December 28, 2018
Samples Submitted: December 19, 2018
Laboratory Reference: 1812-192
Project: 1071-010

GASOLINE RANGE ORGANICS
NWTPH-Gx
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1221W4					
Gasoline	**ND**	100	NWTPH-Gx	12-21-18	12-21-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*76*	*66-117*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	12-209-01										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*70*	*74*	*66-117*			

Date of Report: December 28, 2018
Samples Submitted: December 19, 2018
Laboratory Reference: 1812-192
Project: 1071-010

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-15-121818**					
Laboratory ID:	12-192-01					
Diesel Range Organics	**ND**	0.26	NWTPH-Dx	12-27-18	12-27-18	
Lube Oil Range Organics	**ND**	0.41	NWTPH-Dx	12-27-18	12-27-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*102*	*50-150*				
Client ID:	**MW-16-121818**					
Laboratory ID:	12-192-02					
Diesel Range Organics	**ND**	0.25	NWTPH-Dx	12-27-18	12-27-18	
Lube Oil Range Organics	**ND**	0.40	NWTPH-Dx	12-27-18	12-27-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*99*	*50-150*				
Client ID:	**MW-17-121818**					
Laboratory ID:	12-192-03					
Diesel Range Organics	**ND**	0.26	NWTPH-Dx	12-27-18	12-27-18	
Lube Oil Range Organics	**ND**	0.41	NWTPH-Dx	12-27-18	12-27-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*105*	*50-150*				
Client ID:	**MW-18-121818**					
Laboratory ID:	12-192-04					
Diesel Range Organics	**ND**	0.26	NWTPH-Dx	12-27-18	12-27-18	
Lube Oil Range Organics	**ND**	0.41	NWTPH-Dx	12-27-18	12-27-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*95*	*50-150*				
Client ID:	**MW-19-121818**					
Laboratory ID:	12-192-05					
Diesel Range Organics	**0.51**	0.25	NWTPH-Dx	12-27-18	12-27-18	
Lube Oil Range Organics	**ND**	0.40	NWTPH-Dx	12-27-18	12-27-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*111*	*50-150*				
Client ID:	**MW-20-121818**					
Laboratory ID:	12-192-06					
Diesel Range Organics	**0.37**	0.25	NWTPH-Dx	12-27-18	12-27-18	
Lube Oil Range Organics	**ND**	0.40	NWTPH-Dx	12-27-18	12-27-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*105*	*50-150*				

Date of Report: December 28, 2018
Samples Submitted: December 19, 2018
Laboratory Reference: 1812-192
Project: 1071-010

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-21-121818**					
Laboratory ID:	12-192-07					
Diesel Range Organics	**ND**	0.25	NWTPH-Dx	12-27-18	12-27-18	
Lube Oil Range Organics	**ND**	0.41	NWTPH-Dx	12-27-18	12-27-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*99*	*50-150*				
Client ID:	**MW-22-121818**					
Laboratory ID:	12-192-08					
Diesel Range Organics	**ND**	0.25	NWTPH-Dx	12-27-18	12-27-18	
Lube Oil Range Organics	**ND**	0.40	NWTPH-Dx	12-27-18	12-27-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*102*	*50-150*				

Date of Report: December 28, 2018
Samples Submitted: December 19, 2018
Laboratory Reference: 1812-192
Project: 1071-010

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx
QUALITY CONTROL

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1227W1					
Diesel Range Organics	**ND**	0.25	NWTPH-Dx	12-27-18	12-27-18	
Lube Oil Range Organics	**ND**	0.40	NWTPH-Dx	12-27-18	12-27-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*96*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	12-192-01										
	ORIG	DUP									
Diesel Range	**ND**	**ND**	NA	NA		NA		NA	NA	NA	
Lube Oil Range	**ND**	**ND**	NA	NA		NA		NA	NA	NA	
Surrogate:											
o-Terphenyl						*102*	*93*	*50-150*			

Date of Report: December 28, 2018
Samples Submitted: December 19, 2018
Laboratory Reference: 1812-192
Project: 1071-010

VOLATILE ORGANICS EPA 8260C
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-15-121818**					
Laboratory ID:	12-192-01					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Chloromethane	ND	1.0	EPA 8260C	12-20-18	12-20-18	
Vinyl Chloride	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Bromomethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Chloroethane	ND	1.0	EPA 8260C	12-20-18	12-20-18	
Trichlorofluoromethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1-Dichloroethene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Iodomethane	ND	1.3	EPA 8260C	12-20-18	12-20-18	
Methylene Chloride	ND	1.0	EPA 8260C	12-20-18	12-20-18	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1-Dichloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
2,2-Dichloropropane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Bromochloromethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Chloroform	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Carbon Tetrachloride	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1-Dichloropropene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Benzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2-Dichloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Trichloroethene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2-Dichloropropane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Dibromomethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Bromodichloromethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	12-20-18	12-20-18	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Toluene	ND	1.0	EPA 8260C	12-20-18	12-20-18	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	12-20-18	12-20-18	

Date of Report: December 28, 2018
Samples Submitted: December 19, 2018
Laboratory Reference: 1812-192
Project: 1071-010

VOLATILE ORGANICS EPA 8260C
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-15-121818**					
Laboratory ID:	12-192-01					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Tetrachloroethene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,3-Dichloropropane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Dibromochloromethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2-Dibromoethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Chlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Ethylbenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
m,p-Xylene	ND	0.40	EPA 8260C	12-20-18	12-20-18	
o-Xylene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Bromoform	ND	1.0	EPA 8260C	12-20-18	12-20-18	
Bromobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
2-Chlorotoluene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
4-Chlorotoluene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	12-20-18	12-20-18	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Hexachlorobutadiene	ND	1.0	EPA 8260C	12-20-18	12-20-18	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*100*	*75-127*				
Toluene-d8	*100*	*80-127*				
4-Bromofluorobenzene	*92*	*78-125*				

Date of Report: December 28, 2018
Samples Submitted: December 19, 2018
Laboratory Reference: 1812-192
Project: 1071-010

VOLATILE ORGANICS EPA 8260C
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-16-121818**					
Laboratory ID:	12-192-02					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Chloromethane	ND	1.0	EPA 8260C	12-20-18	12-20-18	
Vinyl Chloride	1.3	0.20	EPA 8260C	12-20-18	12-20-18	
Bromomethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Chloroethane	ND	1.0	EPA 8260C	12-20-18	12-20-18	
Trichlorofluoromethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1-Dichloroethene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Iodomethane	ND	1.3	EPA 8260C	12-20-18	12-20-18	
Methylene Chloride	ND	1.0	EPA 8260C	12-20-18	12-20-18	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1-Dichloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
2,2-Dichloropropane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Bromochloromethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Chloroform	0.92	0.20	EPA 8260C	12-20-18	12-20-18	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Carbon Tetrachloride	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1-Dichloropropene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Benzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2-Dichloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Trichloroethene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2-Dichloropropane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Dibromomethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Bromodichloromethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	12-20-18	12-20-18	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Toluene	ND	1.0	EPA 8260C	12-20-18	12-20-18	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	12-20-18	12-20-18	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-16-121818**					
Laboratory ID:	12-192-02					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Tetrachloroethene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,3-Dichloropropane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Dibromochloromethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2-Dibromoethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Chlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Ethylbenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
m,p-Xylene	ND	0.40	EPA 8260C	12-20-18	12-20-18	
o-Xylene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Bromoform	ND	1.0	EPA 8260C	12-20-18	12-20-18	
Bromobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
2-Chlorotoluene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
4-Chlorotoluene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	12-20-18	12-20-18	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Hexachlorobutadiene	ND	1.0	EPA 8260C	12-20-18	12-20-18	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*99*	*75-127*				
Toluene-d8	*96*	*80-127*				
4-Bromofluorobenzene	*96*	*78-125*				

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-17-121818**					
Laboratory ID:	12-192-03					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Chloromethane	ND	1.0	EPA 8260C	12-20-18	12-20-18	
Vinyl Chloride	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Bromomethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Chloroethane	ND	1.0	EPA 8260C	12-20-18	12-20-18	
Trichlorofluoromethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1-Dichloroethene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Iodomethane	ND	1.3	EPA 8260C	12-20-18	12-20-18	
Methylene Chloride	ND	1.0	EPA 8260C	12-20-18	12-20-18	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1-Dichloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
2,2-Dichloropropane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Bromochloromethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Chloroform	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Carbon Tetrachloride	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1-Dichloropropene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Benzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2-Dichloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Trichloroethene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2-Dichloropropane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Dibromomethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Bromodichloromethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	12-20-18	12-20-18	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Toluene	ND	1.0	EPA 8260C	12-20-18	12-20-18	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	12-20-18	12-20-18	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-17-121818**					
Laboratory ID:	12-192-03					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Tetrachloroethene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,3-Dichloropropane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Dibromochloromethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2-Dibromoethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Chlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Ethylbenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
m,p-Xylene	ND	0.40	EPA 8260C	12-20-18	12-20-18	
o-Xylene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Bromoform	ND	1.0	EPA 8260C	12-20-18	12-20-18	
Bromobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
2-Chlorotoluene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
4-Chlorotoluene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	12-20-18	12-20-18	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Hexachlorobutadiene	ND	1.0	EPA 8260C	12-20-18	12-20-18	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*94*	*75-127*				
Toluene-d8	*98*	*80-127*				
4-Bromofluorobenzene	*95*	*78-125*				

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-18-121818**					
Laboratory ID:	12-192-04					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Chloromethane	ND	1.0	EPA 8260C	12-20-18	12-20-18	
Vinyl Chloride	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Bromomethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Chloroethane	ND	1.0	EPA 8260C	12-20-18	12-20-18	
Trichlorofluoromethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1-Dichloroethene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Iodomethane	ND	1.3	EPA 8260C	12-20-18	12-20-18	
Methylene Chloride	ND	1.0	EPA 8260C	12-20-18	12-20-18	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1-Dichloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
2,2-Dichloropropane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Bromochloromethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Chloroform	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Carbon Tetrachloride	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1-Dichloropropene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Benzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2-Dichloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Trichloroethene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2-Dichloropropane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Dibromomethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Bromodichloromethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	12-20-18	12-20-18	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Toluene	ND	1.0	EPA 8260C	12-20-18	12-20-18	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	12-20-18	12-20-18	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-18-121818**					
Laboratory ID:	12-192-04					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Tetrachloroethene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,3-Dichloropropane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Dibromochloromethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2-Dibromoethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Chlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Ethylbenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
m,p-Xylene	ND	0.40	EPA 8260C	12-20-18	12-20-18	
o-Xylene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Bromoform	ND	1.0	EPA 8260C	12-20-18	12-20-18	
Bromobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
2-Chlorotoluene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
4-Chlorotoluene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	12-20-18	12-20-18	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Hexachlorobutadiene	ND	1.0	EPA 8260C	12-20-18	12-20-18	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*100*	*75-127*				
Toluene-d8	*100*	*80-127*				
4-Bromofluorobenzene	*97*	*78-125*				

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-19-121818**					
Laboratory ID:	12-192-05					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Chloromethane	ND	1.0	EPA 8260C	12-20-18	12-20-18	
Vinyl Chloride	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Bromomethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Chloroethane	ND	1.0	EPA 8260C	12-20-18	12-20-18	
Trichlorofluoromethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1-Dichloroethene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Iodomethane	ND	1.3	EPA 8260C	12-20-18	12-20-18	
Methylene Chloride	ND	1.0	EPA 8260C	12-20-18	12-20-18	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1-Dichloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
2,2-Dichloropropane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Bromochloromethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Chloroform	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Carbon Tetrachloride	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1-Dichloropropene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Benzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2-Dichloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Trichloroethene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2-Dichloropropane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Dibromomethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Bromodichloromethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	12-20-18	12-20-18	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Toluene	ND	1.0	EPA 8260C	12-20-18	12-20-18	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	12-20-18	12-20-18	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-19-121818**					
Laboratory ID:	12-192-05					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Tetrachloroethene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,3-Dichloropropane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Dibromochloromethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2-Dibromoethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Chlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Ethylbenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
m,p-Xylene	ND	0.40	EPA 8260C	12-20-18	12-20-18	
o-Xylene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Bromoform	ND	1.0	EPA 8260C	12-20-18	12-20-18	
Bromobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
2-Chlorotoluene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
4-Chlorotoluene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	12-20-18	12-20-18	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Hexachlorobutadiene	ND	1.0	EPA 8260C	12-20-18	12-20-18	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*102*	*75-127*				
Toluene-d8	*103*	*80-127*				
4-Bromofluorobenzene	*99*	*78-125*				

Date of Report: December 28, 2018
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-20-121818**					
Laboratory ID:	12-192-06					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Chloromethane	ND	1.0	EPA 8260C	12-20-18	12-20-18	
Vinyl Chloride	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Bromomethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Chloroethane	ND	1.0	EPA 8260C	12-20-18	12-20-18	
Trichlorofluoromethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1-Dichloroethene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Iodomethane	ND	1.3	EPA 8260C	12-20-18	12-20-18	
Methylene Chloride	ND	1.0	EPA 8260C	12-20-18	12-20-18	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1-Dichloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
2,2-Dichloropropane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Bromochloromethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Chloroform	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Carbon Tetrachloride	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1-Dichloropropene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Benzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2-Dichloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Trichloroethene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2-Dichloropropane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Dibromomethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Bromodichloromethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	12-20-18	12-20-18	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Toluene	ND	1.0	EPA 8260C	12-20-18	12-20-18	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	12-20-18	12-20-18	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-20-121818**					
Laboratory ID:	12-192-06					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Tetrachloroethene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,3-Dichloropropane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Dibromochloromethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2-Dibromoethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Chlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Ethylbenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
m,p-Xylene	ND	0.40	EPA 8260C	12-20-18	12-20-18	
o-Xylene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Bromoform	ND	1.0	EPA 8260C	12-20-18	12-20-18	
Bromobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
2-Chlorotoluene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
4-Chlorotoluene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	12-20-18	12-20-18	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Hexachlorobutadiene	ND	1.0	EPA 8260C	12-20-18	12-20-18	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*101*	*75-127*				
Toluene-d8	*101*	*80-127*				
4-Bromofluorobenzene	*101*	*78-125*				

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-21-121818**					
Laboratory ID:	12-192-07					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Chloromethane	ND	1.0	EPA 8260C	12-20-18	12-20-18	
Vinyl Chloride	0.27	0.20	EPA 8260C	12-20-18	12-20-18	
Bromomethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Chloroethane	ND	1.0	EPA 8260C	12-20-18	12-20-18	
Trichlorofluoromethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1-Dichloroethene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Iodomethane	ND	1.3	EPA 8260C	12-20-18	12-20-18	
Methylene Chloride	ND	1.0	EPA 8260C	12-20-18	12-20-18	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1-Dichloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
2,2-Dichloropropane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Bromochloromethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Chloroform	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Carbon Tetrachloride	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1-Dichloropropene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Benzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2-Dichloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Trichloroethene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2-Dichloropropane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Dibromomethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Bromodichloromethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	12-20-18	12-20-18	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Toluene	ND	1.0	EPA 8260C	12-20-18	12-20-18	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	12-20-18	12-20-18	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-21-121818**					
Laboratory ID:	12-192-07					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Tetrachloroethene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,3-Dichloropropane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Dibromochloromethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2-Dibromoethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Chlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Ethylbenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
m,p-Xylene	ND	0.40	EPA 8260C	12-20-18	12-20-18	
o-Xylene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Bromoform	ND	1.0	EPA 8260C	12-20-18	12-20-18	
Bromobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
2-Chlorotoluene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
4-Chlorotoluene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	12-20-18	12-20-18	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Hexachlorobutadiene	ND	1.0	EPA 8260C	12-20-18	12-20-18	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*99*	*75-127*				
Toluene-d8	*100*	*80-127*				
4-Bromofluorobenzene	*98*	*78-125*				

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-22-121818**					
Laboratory ID:	12-192-08					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Chloromethane	ND	1.0	EPA 8260C	12-20-18	12-20-18	
Vinyl Chloride	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Bromomethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Chloroethane	ND	1.0	EPA 8260C	12-20-18	12-20-18	
Trichlorofluoromethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1-Dichloroethene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Iodomethane	ND	1.3	EPA 8260C	12-20-18	12-20-18	
Methylene Chloride	ND	1.0	EPA 8260C	12-20-18	12-20-18	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1-Dichloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
2,2-Dichloropropane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Bromochloromethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Chloroform	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Carbon Tetrachloride	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1-Dichloropropene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Benzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2-Dichloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Trichloroethene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2-Dichloropropane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Dibromomethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Bromodichloromethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	12-20-18	12-20-18	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Toluene	ND	1.0	EPA 8260C	12-20-18	12-20-18	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	12-20-18	12-20-18	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-22-121818**					
Laboratory ID:	12-192-08					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Tetrachloroethene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,3-Dichloropropane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Dibromochloromethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2-Dibromoethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Chlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Ethylbenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
m,p-Xylene	ND	0.40	EPA 8260C	12-20-18	12-20-18	
o-Xylene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Bromoform	ND	1.0	EPA 8260C	12-20-18	12-20-18	
Bromobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
2-Chlorotoluene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
4-Chlorotoluene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	12-20-18	12-20-18	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Hexachlorobutadiene	ND	1.0	EPA 8260C	12-20-18	12-20-18	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*102*	*75-127*				
Toluene-d8	*101*	*80-127*				
4-Bromofluorobenzene	*98*	*78-125*				

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1220W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Chloromethane	ND	1.0	EPA 8260C	12-20-18	12-20-18	
Vinyl Chloride	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Bromomethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Chloroethane	ND	1.0	EPA 8260C	12-20-18	12-20-18	
Trichlorofluoromethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1-Dichloroethene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Iodomethane	ND	1.3	EPA 8260C	12-20-18	12-20-18	
Methylene Chloride	ND	1.0	EPA 8260C	12-20-18	12-20-18	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1-Dichloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
2,2-Dichloropropane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Bromochloromethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Chloroform	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Carbon Tetrachloride	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1-Dichloropropene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Benzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2-Dichloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Trichloroethene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2-Dichloropropane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Dibromomethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Bromodichloromethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	12-20-18	12-20-18	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Toluene	ND	1.0	EPA 8260C	12-20-18	12-20-18	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	12-20-18	12-20-18	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1220W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Tetrachloroethene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,3-Dichloropropane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Dibromochloromethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2-Dibromoethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Chlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Ethylbenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
m,p-Xylene	ND	0.40	EPA 8260C	12-20-18	12-20-18	
o-Xylene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Bromoform	ND	1.0	EPA 8260C	12-20-18	12-20-18	
Bromobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	12-20-18	12-20-18	
2-Chlorotoluene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
4-Chlorotoluene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	12-20-18	12-20-18	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Hexachlorobutadiene	ND	1.0	EPA 8260C	12-20-18	12-20-18	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	12-20-18	12-20-18	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*95*	*75-127*				
Toluene-d8	*98*	*80-127*				
4-Bromofluorobenzene	*98*	*78-125*				

Date of Report: December 28, 2018
Samples Submitted: December 19, 2018
Laboratory Reference: 1812-192
Project: 1071-010

VOLATILE ORGANICS EPA 8260C
SB/SBD QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1220W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**10.2**	**9.51**	10.0	10.0	102	95	62-129	7	15	
Benzene	**10.4**	**10.0**	10.0	10.0	104	100	77-127	4	15	
Trichloroethene	**10.5**	**10.2**	10.0	10.0	105	102	70-120	3	15	
Toluene	**10.6**	**10.5**	10.0	10.0	106	105	82-123	1	15	
Chlorobenzene	**10.9**	**10.6**	10.0	10.0	109	106	79-120	3	15	
Surrogate:										
Dibromofluoromethane					*95*	*97*	*75-127*			
Toluene-d8					*95*	*99*	*80-127*			
4-Bromofluorobenzene					*96*	*100*	*78-125*			

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

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

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

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

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

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

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

I - Compound recovery is outside of the control limits.

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

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

L - The RPD is outside of the control limits.

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

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

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

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

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

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

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

Z -

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

Chain of Custody

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

Company: Farallon
Project Number: 1071-010
Project Name: Georgetown Crossroads
Project Manager: Pete Kingston
Sampled by: Greg Pi Nate T

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

Laboratory Number: 12-192

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX 8260	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260C	Halogenated Volatiles 8260C	EDB EPA 8011 (Waters Only)	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A					% Moisture
1	MW-15-121818	12/18/18	1150	Water	7		X		X		X																
2	MW-16-121818		1250				X		X		X																
3	MW-17-121818		1359				X		X		X																
4	MW-18-121818		1450				X		X		X																
5	MW-19-121818		1411				X		X		X																
6	MW-20-121818		1329				X		X		X																
7	MW-21-121818		1232				X		X		X																
8	MW-22-121818		1134				X		X		X																

	Signature	Company	Date	Time
Relinquished		Farallon	12/18/18	
Received		Speedy	12-19-18	0907
Relinquished		Speedy	12-19-18	1054
Received			12/19/18	1054
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
~~Confirm Analyses with project Manager~~ DJ

Data Package: Standard ☐ Level III ☐ Level IV ☐

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

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

March 26, 2019

Pete Kingston
Farallon Consulting
1809 7th Ave., Suite 1111
Seattle, WA 98101

Re: Analytical Data for Project 1071-010
Laboratory Reference No. 1903-170

Dear Pete:

Enclosed are the analytical results and associated quality control data for samples submitted on March 19, 2019.

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

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

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: March 26, 2019
Samples Submitted: March 19, 2019
Laboratory Reference: 1903-170
Project: 1071-010

Case Narrative

Samples were collected on March 18, 2019 and received by the laboratory on March 19, 2019. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

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

Date of Report: March 26, 2019
Samples Submitted: March 19, 2019
Laboratory Reference: 1903-170
Project: 1071-010

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-15-031819**					
Laboratory ID:	03-170-01					
Diesel Range Organics	**ND**	0.25	NWTPH-Dx	3-19-19	3-19-19	
Lube Oil Range Organics	**ND**	0.40	NWTPH-Dx	3-19-19	3-19-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*106*	*50-150*				
Client ID:	**MW-16-031819**					
Laboratory ID:	03-170-02					
Diesel Range Organics	**ND**	0.28	NWTPH-Dx	3-19-19	3-19-19	
Lube Oil Range Organics	**ND**	0.45	NWTPH-Dx	3-19-19	3-19-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*109*	*50-150*				
Client ID:	**MW-17-031819**					
Laboratory ID:	03-170-03					
Diesel Range Organics	**ND**	0.25	NWTPH-Dx	3-19-19	3-19-19	
Lube Oil Range Organics	**ND**	0.40	NWTPH-Dx	3-19-19	3-19-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*114*	*50-150*				
Client ID:	**MW-18-031819**					
Laboratory ID:	03-170-04					
Diesel Range Organics	**0.33**	0.27	NWTPH-Dx	3-19-19	3-20-19	
Lube Oil Range Organics	**ND**	0.43	NWTPH-Dx	3-19-19	3-20-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*107*	*50-150*				
Client ID:	**MW-21-031819**					
Laboratory ID:	03-170-05					
Diesel Range Organics	**0.47**	0.25	NWTPH-Dx	3-19-19	3-20-19	
Lube Oil Range Organics	**ND**	0.40	NWTPH-Dx	3-19-19	3-20-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*107*	*50-150*				
Client ID:	**MW-22-031819**					
Laboratory ID:	03-170-06					
Diesel Range Organics	**ND**	0.29	NWTPH-Dx	3-19-19	3-20-19	
Lube Oil Range Organics	**ND**	0.47	NWTPH-Dx	3-19-19	3-20-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*103*	*50-150*				

Date of Report: March 26, 2019
Samples Submitted: March 19, 2019
Laboratory Reference: 1903-170
Project: 1071-010

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-20-031819**					
Laboratory ID:	03-170-07					
Diesel Range Organics	**ND**	0.28	NWTPH-Dx	3-19-19	3-20-19	
Lube Oil Range Organics	**ND**	0.44	NWTPH-Dx	3-19-19	3-20-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*102*	*50-150*				
Client ID:	**MW-19-031819**					
Laboratory ID:	03-170-08					
Diesel Range Organics	**0.36**	0.25	NWTPH-Dx	3-19-19	3-20-19	
Lube Oil Range Organics	**ND**	0.40	NWTPH-Dx	3-19-19	3-20-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*103*	*50-150*				

Date of Report: March 26, 2019
Samples Submitted: March 19, 2019
Laboratory Reference: 1903-170
Project: 1071-010

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx
QUALITY CONTROL

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0319W1					
Diesel Range Organics	**ND**	0.25	NWTPH-Dx	3-19-19	3-19-19	
Lube Oil Range Organics	**ND**	0.40	NWTPH-Dx	3-19-19	3-19-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*98*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	03-170-01									
	ORIG	DUP								
Diesel Range	**ND**	**ND**	NA	NA		NA	NA	NA	NA	
Lube Oil Range	**ND**	**ND**	NA	NA		NA	NA	NA	NA	
Surrogate:										
o-Terphenyl						*106* *110*	*50-150*			

Date of Report: March 26, 2019
Samples Submitted: March 19, 2019
Laboratory Reference: 1903-170
Project: 1071-010

VOLATILE ORGANICS EPA 8260C
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-15-031819**					
Laboratory ID:	03-170-01					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Chloromethane	ND	1.0	EPA 8260C	3-20-19	3-20-19	
Vinyl Chloride	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Bromomethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Chloroethane	ND	1.0	EPA 8260C	3-20-19	3-20-19	
Trichlorofluoromethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,1-Dichloroethene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Iodomethane	ND	1.6	EPA 8260C	3-20-19	3-20-19	
Methylene Chloride	ND	1.0	EPA 8260C	3-20-19	3-20-19	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,1-Dichloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
2,2-Dichloropropane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Bromochloromethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Chloroform	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Carbon Tetrachloride	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,1-Dichloropropene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2-Dichloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Trichloroethene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2-Dichloropropane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Dibromomethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Bromodichloromethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	3-20-19	3-20-19	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	3-20-19	3-20-19	

Date of Report: March 26, 2019
Samples Submitted: March 19, 2019
Laboratory Reference: 1903-170
Project: 1071-010

VOLATILE ORGANICS EPA 8260C
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-15-031819**					
Laboratory ID:	03-170-01					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Tetrachloroethene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,3-Dichloropropane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Dibromochloromethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2-Dibromoethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Chlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Bromoform	ND	1.0	EPA 8260C	3-20-19	3-20-19	
Bromobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
2-Chlorotoluene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
4-Chlorotoluene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	3-20-19	3-20-19	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Hexachlorobutadiene	ND	1.0	EPA 8260C	3-20-19	3-20-19	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*83*	*75-127*				
Toluene-d8	*98*	*80-127*				
4-Bromofluorobenzene	*96*	*78-125*				

Date of Report: March 26, 2019
Samples Submitted: March 19, 2019
Laboratory Reference: 1903-170
Project: 1071-010

VOLATILE ORGANICS EPA 8260C
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-16-031819**					
Laboratory ID:	03-170-02					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Chloromethane	ND	1.0	EPA 8260C	3-20-19	3-20-19	
Vinyl Chloride	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Bromomethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Chloroethane	ND	1.0	EPA 8260C	3-20-19	3-20-19	
Trichlorofluoromethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,1-Dichloroethene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Iodomethane	ND	1.6	EPA 8260C	3-20-19	3-20-19	
Methylene Chloride	ND	1.0	EPA 8260C	3-20-19	3-20-19	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,1-Dichloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
2,2-Dichloropropane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Bromochloromethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Chloroform	5.4	0.20	EPA 8260C	3-20-19	3-20-19	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Carbon Tetrachloride	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,1-Dichloropropene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2-Dichloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Trichloroethene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2-Dichloropropane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Dibromomethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Bromodichloromethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	3-20-19	3-20-19	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	3-20-19	3-20-19	

Date of Report: March 26, 2019
Samples Submitted: March 19, 2019
Laboratory Reference: 1903-170
Project: 1071-010

VOLATILE ORGANICS EPA 8260C
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-16-031819**					
Laboratory ID:	03-170-02					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Tetrachloroethene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,3-Dichloropropane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Dibromochloromethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2-Dibromoethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Chlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Bromoform	ND	1.0	EPA 8260C	3-20-19	3-20-19	
Bromobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
2-Chlorotoluene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
4-Chlorotoluene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	3-20-19	3-20-19	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Hexachlorobutadiene	ND	1.0	EPA 8260C	3-20-19	3-20-19	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*84*	*75-127*				
Toluene-d8	*96*	*80-127*				
4-Bromofluorobenzene	*93*	*78-125*				

Date of Report: March 26, 2019
Samples Submitted: March 19, 2019
Laboratory Reference: 1903-170
Project: 1071-010

VOLATILE ORGANICS EPA 8260C
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-17-031819**					
Laboratory ID:	03-170-03					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Chloromethane	ND	1.0	EPA 8260C	3-20-19	3-20-19	
Vinyl Chloride	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Bromomethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Chloroethane	ND	1.0	EPA 8260C	3-20-19	3-20-19	
Trichlorofluoromethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,1-Dichloroethene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Iodomethane	ND	1.6	EPA 8260C	3-20-19	3-20-19	
Methylene Chloride	ND	1.0	EPA 8260C	3-20-19	3-20-19	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,1-Dichloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
2,2-Dichloropropane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Bromochloromethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Chloroform	0.30	0.20	EPA 8260C	3-20-19	3-20-19	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Carbon Tetrachloride	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,1-Dichloropropene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2-Dichloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Trichloroethene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2-Dichloropropane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Dibromomethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Bromodichloromethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	3-20-19	3-20-19	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	3-20-19	3-20-19	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-17-031819**					
Laboratory ID:	03-170-03					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Tetrachloroethene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,3-Dichloropropane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Dibromochloromethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2-Dibromoethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Chlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Bromoform	ND	1.0	EPA 8260C	3-20-19	3-20-19	
Bromobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
2-Chlorotoluene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
4-Chlorotoluene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	3-20-19	3-20-19	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Hexachlorobutadiene	ND	1.0	EPA 8260C	3-20-19	3-20-19	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*85*	*75-127*				
Toluene-d8	*97*	*80-127*				
4-Bromofluorobenzene	*93*	*78-125*				

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-18-031819**					
Laboratory ID:	03-170-04					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Chloromethane	ND	1.0	EPA 8260C	3-20-19	3-20-19	
Vinyl Chloride	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Bromomethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Chloroethane	ND	1.0	EPA 8260C	3-20-19	3-20-19	
Trichlorofluoromethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,1-Dichloroethene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Iodomethane	ND	1.6	EPA 8260C	3-20-19	3-20-19	
Methylene Chloride	ND	1.0	EPA 8260C	3-20-19	3-20-19	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,1-Dichloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
2,2-Dichloropropane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Bromochloromethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Chloroform	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Carbon Tetrachloride	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,1-Dichloropropene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2-Dichloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Trichloroethene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2-Dichloropropane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Dibromomethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Bromodichloromethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	3-20-19	3-20-19	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	3-20-19	3-20-19	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-18-031819**					
Laboratory ID:	03-170-04					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Tetrachloroethene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,3-Dichloropropane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Dibromochloromethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2-Dibromoethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Chlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Bromoform	ND	1.0	EPA 8260C	3-20-19	3-20-19	
Bromobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
2-Chlorotoluene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
4-Chlorotoluene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	3-20-19	3-20-19	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Hexachlorobutadiene	ND	1.0	EPA 8260C	3-20-19	3-20-19	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*82*	*75-127*				
Toluene-d8	*98*	*80-127*				
4-Bromofluorobenzene	*96*	*78-125*				

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-21-031819**					
Laboratory ID:	03-170-05					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	3-21-19	3-21-19	
Chloromethane	ND	1.0	EPA 8260C	3-21-19	3-21-19	
Vinyl Chloride	ND	0.20	EPA 8260C	3-21-19	3-21-19	
Bromomethane	ND	0.20	EPA 8260C	3-21-19	3-21-19	
Chloroethane	ND	1.0	EPA 8260C	3-21-19	3-21-19	
Trichlorofluoromethane	ND	0.20	EPA 8260C	3-21-19	3-21-19	
1,1-Dichloroethene	ND	0.20	EPA 8260C	3-21-19	3-21-19	
Iodomethane	ND	1.5	EPA 8260C	3-21-19	3-21-19	
Methylene Chloride	ND	1.0	EPA 8260C	3-21-19	3-21-19	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	3-21-19	3-21-19	
1,1-Dichloroethane	ND	0.20	EPA 8260C	3-21-19	3-21-19	
2,2-Dichloropropane	ND	0.20	EPA 8260C	3-21-19	3-21-19	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	3-21-19	3-21-19	
Bromochloromethane	ND	0.20	EPA 8260C	3-21-19	3-21-19	
Chloroform	ND	0.20	EPA 8260C	3-21-19	3-21-19	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	3-21-19	3-21-19	
Carbon Tetrachloride	ND	0.20	EPA 8260C	3-21-19	3-21-19	
1,1-Dichloropropene	ND	0.20	EPA 8260C	3-21-19	3-21-19	
1,2-Dichloroethane	ND	0.20	EPA 8260C	3-21-19	3-21-19	
Trichloroethene	ND	0.20	EPA 8260C	3-21-19	3-21-19	
1,2-Dichloropropane	ND	0.20	EPA 8260C	3-21-19	3-21-19	
Dibromomethane	ND	0.20	EPA 8260C	3-21-19	3-21-19	
Bromodichloromethane	ND	0.20	EPA 8260C	3-21-19	3-21-19	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	3-21-19	3-21-19	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	3-21-19	3-21-19	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	3-21-19	3-21-19	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-21-031819**					
Laboratory ID:	03-170-05					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	3-21-19	3-21-19	
Tetrachloroethene	ND	0.20	EPA 8260C	3-21-19	3-21-19	
1,3-Dichloropropane	ND	0.20	EPA 8260C	3-21-19	3-21-19	
Dibromochloromethane	ND	0.20	EPA 8260C	3-21-19	3-21-19	
1,2-Dibromoethane	ND	0.20	EPA 8260C	3-21-19	3-21-19	
Chlorobenzene	ND	0.20	EPA 8260C	3-21-19	3-21-19	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	3-21-19	3-21-19	
Bromoform	ND	1.0	EPA 8260C	3-21-19	3-21-19	
Bromobenzene	ND	0.20	EPA 8260C	3-21-19	3-21-19	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	3-21-19	3-21-19	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	3-21-19	3-21-19	
2-Chlorotoluene	ND	0.20	EPA 8260C	3-21-19	3-21-19	
4-Chlorotoluene	ND	0.20	EPA 8260C	3-21-19	3-21-19	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	3-21-19	3-21-19	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	3-21-19	3-21-19	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	3-21-19	3-21-19	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	3-21-19	3-21-19	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	3-21-19	3-21-19	
Hexachlorobutadiene	ND	1.0	EPA 8260C	3-21-19	3-21-19	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	3-21-19	3-21-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*101*	*75-127*				
Toluene-d8	*99*	*80-127*				
4-Bromofluorobenzene	*108*	*78-125*				

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-22-031819**					
Laboratory ID:	03-170-06					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Chloromethane	ND	1.0	EPA 8260C	3-20-19	3-20-19	
Vinyl Chloride	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Bromomethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Chloroethane	ND	1.0	EPA 8260C	3-20-19	3-20-19	
Trichlorofluoromethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,1-Dichloroethene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Iodomethane	ND	1.6	EPA 8260C	3-20-19	3-20-19	
Methylene Chloride	ND	1.0	EPA 8260C	3-20-19	3-20-19	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,1-Dichloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
2,2-Dichloropropane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Bromochloromethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Chloroform	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Carbon Tetrachloride	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,1-Dichloropropene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2-Dichloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Trichloroethene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2-Dichloropropane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Dibromomethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Bromodichloromethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	3-20-19	3-20-19	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	3-20-19	3-20-19	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-22-031819**					
Laboratory ID:	03-170-06					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Tetrachloroethene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,3-Dichloropropane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Dibromochloromethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2-Dibromoethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Chlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Bromoform	ND	1.0	EPA 8260C	3-20-19	3-20-19	
Bromobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
2-Chlorotoluene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
4-Chlorotoluene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	3-20-19	3-20-19	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Hexachlorobutadiene	ND	1.0	EPA 8260C	3-20-19	3-20-19	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*79*	*75-127*				
Toluene-d8	*96*	*80-127*				
4-Bromofluorobenzene	*94*	*78-125*				

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-20-031819**					
Laboratory ID:	03-170-07					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Chloromethane	ND	1.0	EPA 8260C	3-20-19	3-20-19	
Vinyl Chloride	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Bromomethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Chloroethane	ND	1.0	EPA 8260C	3-20-19	3-20-19	
Trichlorofluoromethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,1-Dichloroethene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Iodomethane	ND	1.6	EPA 8260C	3-20-19	3-20-19	
Methylene Chloride	ND	1.0	EPA 8260C	3-20-19	3-20-19	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,1-Dichloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
2,2-Dichloropropane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Bromochloromethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Chloroform	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Carbon Tetrachloride	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,1-Dichloropropene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2-Dichloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Trichloroethene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2-Dichloropropane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Dibromomethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Bromodichloromethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	3-20-19	3-20-19	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	3-20-19	3-20-19	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-20-031819**					
Laboratory ID:	03-170-07					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Tetrachloroethene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,3-Dichloropropane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Dibromochloromethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2-Dibromoethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Chlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Bromoform	ND	1.0	EPA 8260C	3-20-19	3-20-19	
Bromobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
2-Chlorotoluene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
4-Chlorotoluene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	3-20-19	3-20-19	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Hexachlorobutadiene	ND	1.0	EPA 8260C	3-20-19	3-20-19	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*80*	*75-127*				
Toluene-d8	*97*	*80-127*				
4-Bromofluorobenzene	*96*	*78-125*				

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-19-031819**					
Laboratory ID:	03-170-08					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Chloromethane	ND	1.0	EPA 8260C	3-20-19	3-20-19	
Vinyl Chloride	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Bromomethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Chloroethane	ND	1.0	EPA 8260C	3-20-19	3-20-19	
Trichlorofluoromethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,1-Dichloroethene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Iodomethane	ND	1.6	EPA 8260C	3-20-19	3-20-19	
Methylene Chloride	ND	1.0	EPA 8260C	3-20-19	3-20-19	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,1-Dichloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
2,2-Dichloropropane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Bromochloromethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Chloroform	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Carbon Tetrachloride	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,1-Dichloropropene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2-Dichloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Trichloroethene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2-Dichloropropane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Dibromomethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Bromodichloromethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	3-20-19	3-20-19	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	3-20-19	3-20-19	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-19-031819**					
Laboratory ID:	03-170-08					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Tetrachloroethene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,3-Dichloropropane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Dibromochloromethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2-Dibromoethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Chlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Bromoform	ND	1.0	EPA 8260C	3-20-19	3-20-19	
Bromobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
2-Chlorotoluene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
4-Chlorotoluene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	3-20-19	3-20-19	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Hexachlorobutadiene	ND	1.0	EPA 8260C	3-20-19	3-20-19	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*79*	*75-127*				
Toluene-d8	*96*	*80-127*				
4-Bromofluorobenzene	*93*	*78-125*				

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0320W2					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Chloromethane	ND	1.0	EPA 8260C	3-20-19	3-20-19	
Vinyl Chloride	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Bromomethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Chloroethane	ND	1.0	EPA 8260C	3-20-19	3-20-19	
Trichlorofluoromethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,1-Dichloroethene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Iodomethane	ND	1.6	EPA 8260C	3-20-19	3-20-19	
Methylene Chloride	ND	1.0	EPA 8260C	3-20-19	3-20-19	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,1-Dichloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
2,2-Dichloropropane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Bromochloromethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Chloroform	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Carbon Tetrachloride	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,1-Dichloropropene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2-Dichloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Trichloroethene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2-Dichloropropane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Dibromomethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Bromodichloromethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	3-20-19	3-20-19	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	3-20-19	3-20-19	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0320W2					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Tetrachloroethene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,3-Dichloropropane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Dibromochloromethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2-Dibromoethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Chlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Bromoform	ND	1.0	EPA 8260C	3-20-19	3-20-19	
Bromobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	3-20-19	3-20-19	
2-Chlorotoluene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
4-Chlorotoluene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	3-20-19	3-20-19	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Hexachlorobutadiene	ND	1.0	EPA 8260C	3-20-19	3-20-19	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	3-20-19	3-20-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*101*	*75-127*				
Toluene-d8	*100*	*80-127*				
4-Bromofluorobenzene	*101*	*78-125*				

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0321W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	3-21-19	3-21-19	
Chloromethane	ND	1.0	EPA 8260C	3-21-19	3-21-19	
Vinyl Chloride	ND	0.20	EPA 8260C	3-21-19	3-21-19	
Bromomethane	ND	0.20	EPA 8260C	3-21-19	3-21-19	
Chloroethane	ND	1.0	EPA 8260C	3-21-19	3-21-19	
Trichlorofluoromethane	ND	0.20	EPA 8260C	3-21-19	3-21-19	
1,1-Dichloroethene	ND	0.20	EPA 8260C	3-21-19	3-21-19	
Iodomethane	ND	1.5	EPA 8260C	3-21-19	3-21-19	
Methylene Chloride	ND	1.0	EPA 8260C	3-21-19	3-21-19	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	3-21-19	3-21-19	
1,1-Dichloroethane	ND	0.20	EPA 8260C	3-21-19	3-21-19	
2,2-Dichloropropane	ND	0.20	EPA 8260C	3-21-19	3-21-19	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	3-21-19	3-21-19	
Bromochloromethane	ND	0.20	EPA 8260C	3-21-19	3-21-19	
Chloroform	ND	0.20	EPA 8260C	3-21-19	3-21-19	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	3-21-19	3-21-19	
Carbon Tetrachloride	ND	0.20	EPA 8260C	3-21-19	3-21-19	
1,1-Dichloropropene	ND	0.20	EPA 8260C	3-21-19	3-21-19	
1,2-Dichloroethane	ND	0.20	EPA 8260C	3-21-19	3-21-19	
Trichloroethene	ND	0.20	EPA 8260C	3-21-19	3-21-19	
1,2-Dichloropropane	ND	0.20	EPA 8260C	3-21-19	3-21-19	
Dibromomethane	ND	0.20	EPA 8260C	3-21-19	3-21-19	
Bromodichloromethane	ND	0.20	EPA 8260C	3-21-19	3-21-19	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	3-21-19	3-21-19	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	3-21-19	3-21-19	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	3-21-19	3-21-19	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0321W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	3-21-19	3-21-19	
Tetrachloroethene	ND	0.20	EPA 8260C	3-21-19	3-21-19	
1,3-Dichloropropane	ND	0.20	EPA 8260C	3-21-19	3-21-19	
Dibromochloromethane	ND	0.20	EPA 8260C	3-21-19	3-21-19	
1,2-Dibromoethane	ND	0.20	EPA 8260C	3-21-19	3-21-19	
Chlorobenzene	ND	0.20	EPA 8260C	3-21-19	3-21-19	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	3-21-19	3-21-19	
Bromoform	ND	1.0	EPA 8260C	3-21-19	3-21-19	
Bromobenzene	ND	0.20	EPA 8260C	3-21-19	3-21-19	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	3-21-19	3-21-19	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	3-21-19	3-21-19	
2-Chlorotoluene	ND	0.20	EPA 8260C	3-21-19	3-21-19	
4-Chlorotoluene	ND	0.20	EPA 8260C	3-21-19	3-21-19	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	3-21-19	3-21-19	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	3-21-19	3-21-19	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	3-21-19	3-21-19	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	3-21-19	3-21-19	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	3-21-19	3-21-19	
Hexachlorobutadiene	ND	1.0	EPA 8260C	3-21-19	3-21-19	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	3-21-19	3-21-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*97*	*75-127*				
Toluene-d8	*98*	*80-127*				
4-Bromofluorobenzene	*100*	*78-125*				

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VOLATILE ORGANICS EPA 8260C
SB/SBD QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0320W2									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**10.9**	**11.1**	10.0	10.0	109	111	62-129	2	15	
Benzene	**10.1**	**10.5**	10.0	10.0	101	105	77-127	4	15	
Trichloroethene	**11.3**	**11.4**	10.0	10.0	113	114	70-120	1	15	
Toluene	**10.5**	**10.8**	10.0	10.0	105	108	82-123	3	15	
Chlorobenzene	**11.4**	**11.8**	10.0	10.0	114	118	79-120	3	15	
Surrogate:										
Dibromofluoromethane					*97*	*101*	*75-127*			
Toluene-d8					*101*	*100*	*80-127*			
4-Bromofluorobenzene					*101*	*104*	*78-125*			

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Samples Submitted: March 19, 2019
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VOLATILE ORGANICS EPA 8260C
SB/SBD QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0321W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**10.4**	**9.37**	10.0	10.0	104	94	62-129	10	15	
Benzene	**10.0**	**8.65**	10.0	10.0	100	87	77-127	14	15	
Trichloroethene	**10.5**	**9.66**	10.0	10.0	105	97	70-120	8	15	
Toluene	**10.3**	**9.60**	10.0	10.0	103	96	82-123	7	15	
Chlorobenzene	**10.5**	**9.84**	10.0	10.0	105	98	79-120	6	15	
Surrogate:										
Dibromofluoromethane					*101*	*97*	*75-127*			
Toluene-d8					*98*	*100*	*80-127*			
4-Bromofluorobenzene					*104*	*107*	*78-125*			

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

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

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

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

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

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

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

I - Compound recovery is outside of the control limits.

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

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

L - The RPD is outside of the control limits.

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

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

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

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

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

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

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

Z -

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

Chain of Custody

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

Company: Farallon
Project Number: 1071-010
Project Name:
Project Manager: P. Kingston
Sampled by: SMB/GP

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

Laboratory Number: 03-170

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260C	Halogenated Volatiles 8260C	EDB EPA 8011 (Waters Only)	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A						% Moisture
1	MW-15-031819	3-18-19	0951	GW	5				/		/																	
2	MW-16-031819		0950						/		/																	
3	MW-17-031819		1058						/		/																	
4	MW-18-031819		1115						/		/																	
5	MW-21-031819		1200						/		/																	
6	MW-22-031819		1210						/		/																	
7	MW-20-031819		1300						/		/																	
8	MW-19-031819		1254						/		/																	

	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished		Farallon	3/18/19	1500	
Received	Van	Spdy	3/19/19	900	
Relinquished	Van	Spdy	3/19/19	1230	
Received		CSE	3/19/19	1230	
Relinquished					
Received					Data Package: Standard ☐ Level III ☐ Level IV ☐
Reviewed/Date		Reviewed/Date			Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

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

June 24, 2019

Pete Kingston
Farallon Consulting
1809 7th Avenue, Suite 1111
Seattle, WA 98101

Re: Analytical Data for Project 1070-010
Laboratory Reference No. 1906-139

Dear Pete:

Enclosed are the analytical results and associated quality control data for samples submitted on June 14, 2019.

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

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

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: June 24, 2019
Samples Submitted: June 14, 2019
Laboratory Reference: 1906-139
Project: 1070-010

Case Narrative

Samples were collected on June 13, 2019 and received by the laboratory on June 14, 2019. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

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

Date of Report: June 24, 2019
Samples Submitted: June 14, 2019
Laboratory Reference: 1906-139
Project: 1070-010

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-15-061319**					
Laboratory ID:	06-139-01					
Diesel Range Organics	**ND**	0.25	NWTPH-Dx	6-20-19	6-20-19	
Lube Oil Range Organics	**ND**	0.40	NWTPH-Dx	6-20-19	6-20-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*98*	*50-150*				
Client ID:	**MW-16-061319**					
Laboratory ID:	06-139-02					
Diesel Range Organics	**ND**	0.25	NWTPH-Dx	6-20-19	6-20-19	
Lube Oil Range Organics	**ND**	0.41	NWTPH-Dx	6-20-19	6-20-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*96*	*50-150*				
Client ID:	**MW-17-061319**					
Laboratory ID:	06-139-03					
Diesel Range Organics	**ND**	0.26	NWTPH-Dx	6-20-19	6-20-19	
Lube Oil Range Organics	**ND**	0.42	NWTPH-Dx	6-20-19	6-20-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*94*	*50-150*				
Client ID:	**MW-18-061319**					
Laboratory ID:	06-139-04					
Diesel Range Organics	**ND**	0.25	NWTPH-Dx	6-20-19	6-20-19	
Lube Oil	**0.49**	0.40	NWTPH-Dx	6-20-19	6-20-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*92*	*50-150*				
Client ID:	**MW-19-061319**					
Laboratory ID:	06-139-05					
Diesel Range Organics	**ND**	0.26	NWTPH-Dx	6-20-19	6-20-19	
Lube Oil	**0.52**	0.41	NWTPH-Dx	6-20-19	6-20-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*96*	*50-150*				
Client ID:	**MW-20-061319**					
Laboratory ID:	06-139-06					
Diesel Range Organics	**ND**	0.26	NWTPH-Dx	6-20-19	6-20-19	
Lube Oil Range Organics	**ND**	0.41	NWTPH-Dx	6-20-19	6-20-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*94*	*50-150*				

Date of Report: June 24, 2019
Samples Submitted: June 14, 2019
Laboratory Reference: 1906-139
Project: 1070-010

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-21-061319**					
Laboratory ID:	06-139-07					
Diesel Range Organics	**ND**	0.25	NWTPH-Dx	6-20-19	6-20-19	
Lube Oil Range Organics	**ND**	0.40	NWTPH-Dx	6-20-19	6-20-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*84*	*50-150*				
Client ID:	**MW-22-061319**					
Laboratory ID:	06-139-08					
Diesel Range Organics	**ND**	0.25	NWTPH-Dx	6-20-19	6-20-19	
Lube Oil Range Organics	**ND**	0.40	NWTPH-Dx	6-20-19	6-20-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*88*	*50-150*				

Date of Report: June 24, 2019
Samples Submitted: June 14, 2019
Laboratory Reference: 1906-139
Project: 1070-010

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx
QUALITY CONTROL

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0620W1					
Diesel Range Organics	**ND**	0.25	NWTPH-Dx	6-20-19	6-20-19	
Lube Oil Range Organics	**ND**	0.40	NWTPH-Dx	6-20-19	6-20-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*109*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	06-124-01										
	ORIG	DUP									
Diesel Range	**ND**	**ND**	NA	NA		NA		NA	NA	NA	
Lube Oil Range	**ND**	**ND**	NA	NA		NA		NA	NA	NA	
Surrogate:											
o-Terphenyl						*88*	*87*	*50-150*			

Date of Report: June 24, 2019
Samples Submitted: June 14, 2019
Laboratory Reference: 1906-139
Project: 1070-010

VOLATILE ORGANICS EPA 8260C
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-15-061319**					
Laboratory ID:	06-139-01					
Dichlorodifluoromethane	ND	0.29	EPA 8260C	6-18-19	6-18-19	
Chloromethane	ND	1.0	EPA 8260C	6-18-19	6-18-19	
Vinyl Chloride	0.23	0.20	EPA 8260C	6-18-19	6-18-19	
Bromomethane	ND	0.63	EPA 8260C	6-18-19	6-18-19	
Chloroethane	ND	1.0	EPA 8260C	6-18-19	6-18-19	
Trichlorofluoromethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1-Dichloroethene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Iodomethane	ND	4.2	EPA 8260C	6-18-19	6-18-19	
Methylene Chloride	ND	1.0	EPA 8260C	6-18-19	6-18-19	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1-Dichloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
2,2-Dichloropropane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Bromochloromethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Chloroform	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Carbon Tetrachloride	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1-Dichloropropene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2-Dichloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Trichloroethene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2-Dichloropropane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Dibromomethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Bromodichloromethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	6-18-19	6-18-19	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-18-19	6-18-19	

Date of Report: June 24, 2019
Samples Submitted: June 14, 2019
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Project: 1070-010

VOLATILE ORGANICS EPA 8260C
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-15-061319**					
Laboratory ID:	06-139-01					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Tetrachloroethene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,3-Dichloropropane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Dibromochloromethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2-Dibromoethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Chlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Bromoform	ND	1.0	EPA 8260C	6-18-19	6-18-19	
Bromobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
2-Chlorotoluene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
4-Chlorotoluene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	6-18-19	6-18-19	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Hexachlorobutadiene	ND	1.0	EPA 8260C	6-18-19	6-18-19	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*104*	*75-127*				
Toluene-d8	*101*	*80-127*				
4-Bromofluorobenzene	*96*	*78-125*				

Date of Report: June 24, 2019
Samples Submitted: June 14, 2019
Laboratory Reference: 1906-139
Project: 1070-010

VOLATILE ORGANICS EPA 8260C
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-16-061319**					
Laboratory ID:	06-139-02					
Dichlorodifluoromethane	ND	0.29	EPA 8260C	6-18-19	6-18-19	
Chloromethane	ND	1.0	EPA 8260C	6-18-19	6-18-19	
Vinyl Chloride	0.29	0.20	EPA 8260C	6-18-19	6-18-19	
Bromomethane	ND	0.63	EPA 8260C	6-18-19	6-18-19	
Chloroethane	ND	1.0	EPA 8260C	6-18-19	6-18-19	
Trichlorofluoromethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1-Dichloroethene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Iodomethane	ND	4.2	EPA 8260C	6-18-19	6-18-19	
Methylene Chloride	ND	1.0	EPA 8260C	6-18-19	6-18-19	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1-Dichloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
2,2-Dichloropropane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Bromochloromethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Chloroform	0.49	0.20	EPA 8260C	6-18-19	6-18-19	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Carbon Tetrachloride	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1-Dichloropropene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2-Dichloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Trichloroethene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2-Dichloropropane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Dibromomethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Bromodichloromethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	6-18-19	6-18-19	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-18-19	6-18-19	

Date of Report: June 24, 2019
Samples Submitted: June 14, 2019
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Project: 1070-010

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-16-061319**					
Laboratory ID:	06-139-02					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Tetrachloroethene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,3-Dichloropropane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Dibromochloromethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2-Dibromoethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Chlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Bromoform	ND	1.0	EPA 8260C	6-18-19	6-18-19	
Bromobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
2-Chlorotoluene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
4-Chlorotoluene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	6-18-19	6-18-19	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Hexachlorobutadiene	ND	1.0	EPA 8260C	6-18-19	6-18-19	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*105*	*75-127*				
Toluene-d8	*100*	*80-127*				
4-Bromofluorobenzene	*96*	*78-125*				

Date of Report: June 24, 2019
Samples Submitted: June 14, 2019
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Project: 1070-010

VOLATILE ORGANICS EPA 8260C
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-17-061319**					
Laboratory ID:	06-139-03					
Dichlorodifluoromethane	ND	0.29	EPA 8260C	6-18-19	6-18-19	
Chloromethane	ND	1.0	EPA 8260C	6-18-19	6-18-19	
Vinyl Chloride	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Bromomethane	ND	0.63	EPA 8260C	6-18-19	6-18-19	
Chloroethane	ND	1.0	EPA 8260C	6-18-19	6-18-19	
Trichlorofluoromethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1-Dichloroethene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Iodomethane	ND	4.2	EPA 8260C	6-18-19	6-18-19	
Methylene Chloride	ND	1.0	EPA 8260C	6-18-19	6-18-19	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1-Dichloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
2,2-Dichloropropane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Bromochloromethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Chloroform	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Carbon Tetrachloride	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1-Dichloropropene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2-Dichloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Trichloroethene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2-Dichloropropane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Dibromomethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Bromodichloromethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	6-18-19	6-18-19	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-18-19	6-18-19	

Date of Report: June 24, 2019
Samples Submitted: June 14, 2019
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Project: 1070-010

VOLATILE ORGANICS EPA 8260C
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-17-061319**					
Laboratory ID:	06-139-03					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Tetrachloroethene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,3-Dichloropropane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Dibromochloromethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2-Dibromoethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Chlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Bromoform	ND	1.0	EPA 8260C	6-18-19	6-18-19	
Bromobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
2-Chlorotoluene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
4-Chlorotoluene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	6-18-19	6-18-19	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Hexachlorobutadiene	ND	1.0	EPA 8260C	6-18-19	6-18-19	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*107*	*75-127*				
Toluene-d8	*102*	*80-127*				
4-Bromofluorobenzene	*97*	*78-125*				

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-18-061319**					
Laboratory ID:	06-139-04					
Dichlorodifluoromethane	ND	0.29	EPA 8260C	6-18-19	6-18-19	
Chloromethane	ND	1.0	EPA 8260C	6-18-19	6-18-19	
Vinyl Chloride	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Bromomethane	ND	0.63	EPA 8260C	6-18-19	6-18-19	
Chloroethane	ND	1.0	EPA 8260C	6-18-19	6-18-19	
Trichlorofluoromethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1-Dichloroethene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Iodomethane	ND	4.2	EPA 8260C	6-18-19	6-18-19	
Methylene Chloride	ND	1.0	EPA 8260C	6-18-19	6-18-19	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1-Dichloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
2,2-Dichloropropane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Bromochloromethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Chloroform	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Carbon Tetrachloride	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1-Dichloropropene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2-Dichloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Trichloroethene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2-Dichloropropane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Dibromomethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Bromodichloromethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	6-18-19	6-18-19	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-18-19	6-18-19	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-18-061319**					
Laboratory ID:	06-139-04					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Tetrachloroethene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,3-Dichloropropane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Dibromochloromethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2-Dibromoethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Chlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Bromoform	ND	1.0	EPA 8260C	6-18-19	6-18-19	
Bromobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
2-Chlorotoluene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
4-Chlorotoluene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	6-18-19	6-18-19	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Hexachlorobutadiene	ND	1.0	EPA 8260C	6-18-19	6-18-19	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*105*	*75-127*				
Toluene-d8	*101*	*80-127*				
4-Bromofluorobenzene	*95*	*78-125*				

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-19-061319**					
Laboratory ID:	06-139-05					
Dichlorodifluoromethane	ND	0.29	EPA 8260C	6-18-19	6-18-19	
Chloromethane	ND	1.0	EPA 8260C	6-18-19	6-18-19	
Vinyl Chloride	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Bromomethane	ND	0.63	EPA 8260C	6-18-19	6-18-19	
Chloroethane	ND	1.0	EPA 8260C	6-18-19	6-18-19	
Trichlorofluoromethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1-Dichloroethene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Iodomethane	ND	4.2	EPA 8260C	6-18-19	6-18-19	
Methylene Chloride	ND	1.0	EPA 8260C	6-18-19	6-18-19	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1-Dichloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
2,2-Dichloropropane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Bromochloromethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Chloroform	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Carbon Tetrachloride	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1-Dichloropropene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2-Dichloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Trichloroethene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2-Dichloropropane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Dibromomethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Bromodichloromethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	6-18-19	6-18-19	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-18-19	6-18-19	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-19-061319**					
Laboratory ID:	06-139-05					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Tetrachloroethene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,3-Dichloropropane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Dibromochloromethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2-Dibromoethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Chlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Bromoform	ND	1.0	EPA 8260C	6-18-19	6-18-19	
Bromobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
2-Chlorotoluene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
4-Chlorotoluene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	6-18-19	6-18-19	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Hexachlorobutadiene	ND	1.0	EPA 8260C	6-18-19	6-18-19	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*101*	*75-127*				
Toluene-d8	*99*	*80-127*				
4-Bromofluorobenzene	*94*	*78-125*				

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-20-061319**					
Laboratory ID:	06-139-06					
Dichlorodifluoromethane	ND	0.29	EPA 8260C	6-18-19	6-18-19	
Chloromethane	ND	1.0	EPA 8260C	6-18-19	6-18-19	
Vinyl Chloride	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Bromomethane	ND	0.63	EPA 8260C	6-18-19	6-18-19	
Chloroethane	ND	1.0	EPA 8260C	6-18-19	6-18-19	
Trichlorofluoromethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1-Dichloroethene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Iodomethane	ND	4.2	EPA 8260C	6-18-19	6-18-19	
Methylene Chloride	ND	1.0	EPA 8260C	6-18-19	6-18-19	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1-Dichloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
2,2-Dichloropropane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Bromochloromethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Chloroform	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Carbon Tetrachloride	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1-Dichloropropene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2-Dichloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Trichloroethene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2-Dichloropropane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Dibromomethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Bromodichloromethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	6-18-19	6-18-19	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-18-19	6-18-19	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-20-061319**					
Laboratory ID:	06-139-06					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Tetrachloroethene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,3-Dichloropropane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Dibromochloromethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2-Dibromoethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Chlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Bromoform	ND	1.0	EPA 8260C	6-18-19	6-18-19	
Bromobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
2-Chlorotoluene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
4-Chlorotoluene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	6-18-19	6-18-19	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Hexachlorobutadiene	ND	1.0	EPA 8260C	6-18-19	6-18-19	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*100*	*75-127*				
Toluene-d8	*97*	*80-127*				
4-Bromofluorobenzene	*89*	*78-125*				

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-21-061319**					
Laboratory ID:	06-139-07					
Dichlorodifluoromethane	ND	0.29	EPA 8260C	6-18-19	6-18-19	
Chloromethane	ND	1.0	EPA 8260C	6-18-19	6-18-19	
Vinyl Chloride	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Bromomethane	ND	0.63	EPA 8260C	6-18-19	6-18-19	
Chloroethane	ND	1.0	EPA 8260C	6-18-19	6-18-19	
Trichlorofluoromethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1-Dichloroethene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Iodomethane	ND	4.2	EPA 8260C	6-18-19	6-18-19	
Methylene Chloride	ND	1.0	EPA 8260C	6-18-19	6-18-19	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1-Dichloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
2,2-Dichloropropane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Bromochloromethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Chloroform	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Carbon Tetrachloride	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1-Dichloropropene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2-Dichloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Trichloroethene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2-Dichloropropane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Dibromomethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Bromodichloromethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	6-18-19	6-18-19	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-18-19	6-18-19	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-21-061319**					
Laboratory ID:	06-139-07					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Tetrachloroethene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,3-Dichloropropane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Dibromochloromethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2-Dibromoethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Chlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Bromoform	ND	1.0	EPA 8260C	6-18-19	6-18-19	
Bromobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
2-Chlorotoluene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
4-Chlorotoluene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	6-18-19	6-18-19	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Hexachlorobutadiene	ND	1.0	EPA 8260C	6-18-19	6-18-19	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*104*	*75-127*				
Toluene-d8	*100*	*80-127*				
4-Bromofluorobenzene	*94*	*78-125*				

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-22-061319**					
Laboratory ID:	06-139-08					
Dichlorodifluoromethane	ND	0.29	EPA 8260C	6-18-19	6-18-19	
Chloromethane	ND	1.0	EPA 8260C	6-18-19	6-18-19	
Vinyl Chloride	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Bromomethane	ND	0.63	EPA 8260C	6-18-19	6-18-19	
Chloroethane	ND	1.0	EPA 8260C	6-18-19	6-18-19	
Trichlorofluoromethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1-Dichloroethene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Iodomethane	ND	4.2	EPA 8260C	6-18-19	6-18-19	
Methylene Chloride	ND	1.0	EPA 8260C	6-18-19	6-18-19	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1-Dichloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
2,2-Dichloropropane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Bromochloromethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Chloroform	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Carbon Tetrachloride	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1-Dichloropropene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2-Dichloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Trichloroethene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2-Dichloropropane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Dibromomethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Bromodichloromethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	6-18-19	6-18-19	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-18-19	6-18-19	

Date of Report: June 24, 2019
Samples Submitted: June 14, 2019
Laboratory Reference: 1906-139
Project: 1070-010

VOLATILE ORGANICS EPA 8260C
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-22-061319**					
Laboratory ID:	06-139-08					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Tetrachloroethene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,3-Dichloropropane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Dibromochloromethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2-Dibromoethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Chlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Bromoform	ND	1.0	EPA 8260C	6-18-19	6-18-19	
Bromobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
2-Chlorotoluene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
4-Chlorotoluene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	6-18-19	6-18-19	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Hexachlorobutadiene	ND	1.0	EPA 8260C	6-18-19	6-18-19	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*105*	*75-127*				
Toluene-d8	*102*	*80-127*				
4-Bromofluorobenzene	*96*	*78-125*				

Date of Report: June 24, 2019
Samples Submitted: June 14, 2019
Laboratory Reference: 1906-139
Project: 1070-010

VOLATILE ORGANICS EPA 8260C
METHOD BLANK QUALITY CONTROL
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0618W1					
Dichlorodifluoromethane	ND	0.29	EPA 8260C	6-18-19	6-18-19	
Chloromethane	ND	1.0	EPA 8260C	6-18-19	6-18-19	
Vinyl Chloride	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Bromomethane	ND	0.6	EPA 8260C	6-18-19	6-18-19	
Chloroethane	ND	1.0	EPA 8260C	6-18-19	6-18-19	
Trichlorofluoromethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1-Dichloroethene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Iodomethane	ND	4.2	EPA 8260C	6-18-19	6-18-19	
Methylene Chloride	ND	1.0	EPA 8260C	6-18-19	6-18-19	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1-Dichloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
2,2-Dichloropropane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Bromochloromethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Chloroform	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Carbon Tetrachloride	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1-Dichloropropene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2-Dichloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Trichloroethene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2-Dichloropropane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Dibromomethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Bromodichloromethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	6-18-19	6-18-19	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-18-19	6-18-19	

Date of Report: June 24, 2019
Samples Submitted: June 14, 2019
Laboratory Reference: 1906-139
Project: 1070-010

VOLATILE ORGANICS EPA 8260C
METHOD BLANK QUALITY CONTROL
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0618W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Tetrachloroethene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,3-Dichloropropane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Dibromochloromethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2-Dibromoethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Chlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Bromoform	ND	1.0	EPA 8260C	6-18-19	6-18-19	
Bromobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	6-18-19	6-18-19	
2-Chlorotoluene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
4-Chlorotoluene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	6-18-19	6-18-19	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Hexachlorobutadiene	ND	1.0	EPA 8260C	6-18-19	6-18-19	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	6-18-19	6-18-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*102*	*75-127*				
Toluene-d8	*101*	*80-127*				
4-Bromofluorobenzene	*96*	*78-125*				

Date of Report: June 24, 2019
Samples Submitted: June 14, 2019
Laboratory Reference: 1906-139
Project: 1070-010

VOLATILE ORGANICS EPA 8260C
SB/SBD QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0618W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**9.10**	**9.00**	10.0	10.0	91	90	63-130	1	17	
Benzene	**9.17**	**9.05**	10.0	10.0	92	91	76-125	1	19	
Trichloroethene	**9.77**	**9.57**	10.0	10.0	98	96	76-121	2	18	
Toluene	**9.41**	**9.28**	10.0	10.0	94	93	80-124	1	18	
Chlorobenzene	**9.97**	**9.85**	10.0	10.0	100	99	75-120	1	19	
Surrogate:										
Dibromofluoromethane					*101*	*102*	*75-127*			
Toluene-d8					*101*	*101*	*80-127*			
4-Bromofluorobenzene					*95*	*95*	*78-125*			

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

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

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

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

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

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

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

I - Compound recovery is outside of the control limits.

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

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

L - The RPD is outside of the control limits.

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

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

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

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

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

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

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

Z -

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

Chain of Custody

Page 1 of 1

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

Company: Farallon Consulting
Project Number: 1070-010
Project Name: ~~E~~ Marginal Way
Project Manager: Pete Kingston
Sampled by: C. Banfield & G. Peters

Turnaround Request (in working days)

(Check One)

- ☐ Same Day
- ☐ 1 Day
- ☐ 2 Days
- ☐ 3 Days
- ☒ Standard (7 Days)
- ☐ _____ (other)

Laboratory Number: 06-139

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260C	Halogenated Volatiles 8260C	EDB EPA 8011 (Waters Only)	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A					% Moisture
1	MW-15-061319	6/13/19	0937	W	5				X		X																
2	MW-16-061319		0956						X		X																
3	MW-17-061319		1048						X		X																
4	MW-18-061319		1036						X		X																
5	MW-19-061319		1307						X		X																
6	MW-20-061319		1259						X		X																
7	MW-21-061319		1149						X		X																
8	MW-22-061319		1313						X		X																
	CMB																										

	Signature	Company	Date	Time
Relinquished	Chantal Banfield	Farallon	6/13/19	1430
Received		OSE	6/14/19	1130
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Data Package: Standard ☒ Level III ☐ Level IV ☐

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

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

September 30, 2019

Pete Kingston
Farallon Consulting
1809 7th Avenue, Suite 1111
Seattle, WA 98101

Re: Analytical Data for Project 1071-010
Laboratory Reference No. 1909-234

Dear Pete:

Enclosed are the analytical results and associated quality control data for samples submitted on September 20, 2019.

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

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

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: September 30, 2019
Samples Submitted: September 20, 2019
Laboratory Reference: 1909-234
Project: 1071-010

Case Narrative

Samples were collected on September 20, 2019 and received by the laboratory on September 20, 2019. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

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

Date of Report: September 30, 2019
Samples Submitted: September 20, 2019
Laboratory Reference: 1909-234
Project: 1071-010

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-15-092019**					
Laboratory ID:	09-234-01					
Diesel Range Organics	**ND**	0.27	NWTPH-Dx	9-25-19	9-26-19	
Lube Oil Range Organics	**ND**	0.43	NWTPH-Dx	9-25-19	9-26-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*95*	*50-150*				
Client ID:	**MW-16-092019**					
Laboratory ID:	09-234-02					
Diesel Range Organics	**ND**	0.27	NWTPH-Dx	9-25-19	9-26-19	
Lube Oil Range Organics	**ND**	0.43	NWTPH-Dx	9-25-19	9-26-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*94*	*50-150*				
Client ID:	**MW-17-092019**					
Laboratory ID:	09-234-03					
Diesel Range Organics	**ND**	0.28	NWTPH-Dx	9-25-19	9-26-19	
Lube Oil Range Organics	**ND**	0.45	NWTPH-Dx	9-25-19	9-26-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*89*	*50-150*				
Client ID:	**MW-18-092019**					
Laboratory ID:	09-234-04					
Diesel Range Organics	**ND**	0.27	NWTPH-Dx	9-25-19	9-26-19	
Lube Oil Range Organics	**ND**	0.43	NWTPH-Dx	9-25-19	9-26-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*112*	*50-150*				
Client ID:	**MW-19-092019**					
Laboratory ID:	09-234-05					
Diesel Range Organics	**0.30**	0.26	NWTPH-Dx	9-25-19	9-26-19	
Lube Oil Range Organics	**ND**	0.42	NWTPH-Dx	9-25-19	9-26-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*94*	*50-150*				
Client ID:	**MW-20-092019**					
Laboratory ID:	09-234-06					
Diesel Range Organics	**ND**	0.26	NWTPH-Dx	9-25-19	9-26-19	
Lube Oil Range Organics	**ND**	0.41	NWTPH-Dx	9-25-19	9-26-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*100*	*50-150*				

Date of Report: September 30, 2019
Samples Submitted: September 20, 2019
Laboratory Reference: 1909-234
Project: 1071-010

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-21-092019**					
Laboratory ID:	09-234-07					
Diesel Range Organics	**ND**	0.26	NWTPH-Dx	9-25-19	9-26-19	
Lube Oil Range Organics	**ND**	0.41	NWTPH-Dx	9-25-19	9-26-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*100*	*50-150*				
Client ID:	**MW-22-092019**					
Laboratory ID:	09-234-08					
Diesel Range Organics	**ND**	0.26	NWTPH-Dx	9-25-19	9-26-19	
Lube Oil Range Organics	**ND**	0.42	NWTPH-Dx	9-25-19	9-26-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*108*	*50-150*				

Date of Report: September 30, 2019
Samples Submitted: September 20, 2019
Laboratory Reference: 1909-234
Project: 1071-010

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx
QUALITY CONTROL

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0925W1					
Diesel Range Organics	**ND**	0.25	NWTPH-Dx	9-25-19	9-26-19	
Lube Oil Range Organics	**ND**	0.40	NWTPH-Dx	9-25-19	9-26-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*88*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	09-234-02										
	ORIG	DUP									
Diesel Range	**ND**	**ND**	NA	NA		NA		NA	NA	NA	
Lube Oil Range	**ND**	**ND**	NA	NA		NA		NA	NA	NA	
Surrogate:											
o-Terphenyl						*94*	*96*	*50-150*			

Date of Report: September 30, 2019
Samples Submitted: September 20, 2019
Laboratory Reference: 1909-234
Project: 1071-010

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-15-092019**					
Laboratory ID:	09-234-01					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Chloromethane	ND	1.5	EPA 8260D	9-24-19	9-24-19	
Vinyl Chloride	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Bromomethane	ND	0.26	EPA 8260D	9-24-19	9-24-19	
Chloroethane	ND	1.0	EPA 8260D	9-24-19	9-24-19	
Trichlorofluoromethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1-Dichloroethene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Iodomethane	ND	2.1	EPA 8260D	9-24-19	9-24-19	
Methylene Chloride	ND	1.3	EPA 8260D	9-24-19	9-24-19	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1-Dichloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
2,2-Dichloropropane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Bromochloromethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Chloroform	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Carbon Tetrachloride	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1-Dichloropropene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Trichloroethene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Dibromomethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Bromodichloromethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260D	9-24-19	9-24-19	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-24-19	9-24-19	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-15-092019**					
Laboratory ID:	09-234-01					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Tetrachloroethene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,3-Dichloropropane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Dibromochloromethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Chlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Bromoform	ND	1.0	EPA 8260D	9-24-19	9-24-19	
Bromobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2,3-Trichloropropane	ND	0.29	EPA 8260D	9-24-19	9-24-19	
2-Chlorotoluene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
4-Chlorotoluene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	9-24-19	9-24-19	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Hexachlorobutadiene	ND	1.0	EPA 8260D	9-24-19	9-24-19	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*100*	*75-127*				
Toluene-d8	*98*	*80-127*				
4-Bromofluorobenzene	*99*	*78-125*				

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-16-092019**					
Laboratory ID:	09-234-02					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Chloromethane	ND	1.5	EPA 8260D	9-24-19	9-24-19	
Vinyl Chloride	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Bromomethane	ND	0.26	EPA 8260D	9-24-19	9-24-19	
Chloroethane	ND	1.0	EPA 8260D	9-24-19	9-24-19	
Trichlorofluoromethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1-Dichloroethene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Iodomethane	ND	2.1	EPA 8260D	9-24-19	9-24-19	
Methylene Chloride	ND	1.3	EPA 8260D	9-24-19	9-24-19	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1-Dichloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
2,2-Dichloropropane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Bromochloromethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Chloroform	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Carbon Tetrachloride	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1-Dichloropropene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Trichloroethene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Dibromomethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Bromodichloromethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260D	9-24-19	9-24-19	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-24-19	9-24-19	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-16-092019**					
Laboratory ID:	09-234-02					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Tetrachloroethene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,3-Dichloropropane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Dibromochloromethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Chlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Bromoform	ND	1.0	EPA 8260D	9-24-19	9-24-19	
Bromobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2,3-Trichloropropane	ND	0.29	EPA 8260D	9-24-19	9-24-19	
2-Chlorotoluene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
4-Chlorotoluene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	9-24-19	9-24-19	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Hexachlorobutadiene	ND	1.0	EPA 8260D	9-24-19	9-24-19	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*101*	*75-127*				
Toluene-d8	*98*	*80-127*				
4-Bromofluorobenzene	*99*	*78-125*				

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-17-092019**					
Laboratory ID:	09-234-03					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Chloromethane	ND	1.5	EPA 8260D	9-24-19	9-24-19	
Vinyl Chloride	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Bromomethane	ND	0.26	EPA 8260D	9-24-19	9-24-19	
Chloroethane	ND	1.0	EPA 8260D	9-24-19	9-24-19	
Trichlorofluoromethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1-Dichloroethene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Iodomethane	ND	2.1	EPA 8260D	9-24-19	9-24-19	
Methylene Chloride	ND	1.3	EPA 8260D	9-24-19	9-24-19	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1-Dichloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
2,2-Dichloropropane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Bromochloromethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Chloroform	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Carbon Tetrachloride	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1-Dichloropropene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Trichloroethene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Dibromomethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Bromodichloromethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260D	9-24-19	9-24-19	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-24-19	9-24-19	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-17-092019**					
Laboratory ID:	09-234-03					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Tetrachloroethene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,3-Dichloropropane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Dibromochloromethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Chlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Bromoform	ND	1.0	EPA 8260D	9-24-19	9-24-19	
Bromobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2,3-Trichloropropane	ND	0.29	EPA 8260D	9-24-19	9-24-19	
2-Chlorotoluene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
4-Chlorotoluene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	9-24-19	9-24-19	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Hexachlorobutadiene	ND	1.0	EPA 8260D	9-24-19	9-24-19	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*100*	*75-127*				
Toluene-d8	*98*	*80-127*				
4-Bromofluorobenzene	*97*	*78-125*				

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-18-092019**					
Laboratory ID:	09-234-04					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Chloromethane	ND	1.5	EPA 8260D	9-24-19	9-24-19	
Vinyl Chloride	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Bromomethane	ND	0.26	EPA 8260D	9-24-19	9-24-19	
Chloroethane	ND	1.0	EPA 8260D	9-24-19	9-24-19	
Trichlorofluoromethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1-Dichloroethene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Iodomethane	ND	2.1	EPA 8260D	9-24-19	9-24-19	
Methylene Chloride	ND	1.3	EPA 8260D	9-24-19	9-24-19	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1-Dichloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
2,2-Dichloropropane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Bromochloromethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Chloroform	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Carbon Tetrachloride	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1-Dichloropropene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Trichloroethene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Dibromomethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Bromodichloromethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260D	9-24-19	9-24-19	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-24-19	9-24-19	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-18-092019**					
Laboratory ID:	09-234-04					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Tetrachloroethene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,3-Dichloropropane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Dibromochloromethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Chlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Bromoform	ND	1.0	EPA 8260D	9-24-19	9-24-19	
Bromobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2,3-Trichloropropane	ND	0.29	EPA 8260D	9-24-19	9-24-19	
2-Chlorotoluene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
4-Chlorotoluene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	9-24-19	9-24-19	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Hexachlorobutadiene	ND	1.0	EPA 8260D	9-24-19	9-24-19	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*101*	*75-127*				
Toluene-d8	*99*	*80-127*				
4-Bromofluorobenzene	*99*	*78-125*				

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-19-092019**					
Laboratory ID:	09-234-05					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Chloromethane	ND	1.5	EPA 8260D	9-24-19	9-24-19	
Vinyl Chloride	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Bromomethane	ND	0.26	EPA 8260D	9-24-19	9-24-19	
Chloroethane	ND	1.0	EPA 8260D	9-24-19	9-24-19	
Trichlorofluoromethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1-Dichloroethene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Iodomethane	ND	2.1	EPA 8260D	9-24-19	9-24-19	
Methylene Chloride	ND	1.3	EPA 8260D	9-24-19	9-24-19	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1-Dichloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
2,2-Dichloropropane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Bromochloromethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Chloroform	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Carbon Tetrachloride	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1-Dichloropropene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Trichloroethene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Dibromomethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Bromodichloromethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260D	9-24-19	9-24-19	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-24-19	9-24-19	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-19-092019**					
Laboratory ID:	09-234-05					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Tetrachloroethene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,3-Dichloropropane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Dibromochloromethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Chlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Bromoform	ND	1.0	EPA 8260D	9-24-19	9-24-19	
Bromobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2,3-Trichloropropane	ND	0.29	EPA 8260D	9-24-19	9-24-19	
2-Chlorotoluene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
4-Chlorotoluene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	9-24-19	9-24-19	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Hexachlorobutadiene	ND	1.0	EPA 8260D	9-24-19	9-24-19	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*99*	*75-127*				
Toluene-d8	*98*	*80-127*				
4-Bromofluorobenzene	*99*	*78-125*				

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-20-092019**					
Laboratory ID:	09-234-06					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Chloromethane	ND	1.5	EPA 8260D	9-24-19	9-24-19	
Vinyl Chloride	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Bromomethane	ND	0.26	EPA 8260D	9-24-19	9-24-19	
Chloroethane	ND	1.0	EPA 8260D	9-24-19	9-24-19	
Trichlorofluoromethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1-Dichloroethene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Iodomethane	ND	2.1	EPA 8260D	9-24-19	9-24-19	
Methylene Chloride	ND	1.3	EPA 8260D	9-24-19	9-24-19	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1-Dichloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
2,2-Dichloropropane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Bromochloromethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Chloroform	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Carbon Tetrachloride	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1-Dichloropropene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Trichloroethene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Dibromomethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Bromodichloromethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260D	9-24-19	9-24-19	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-24-19	9-24-19	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-20-092019**					
Laboratory ID:	09-234-06					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Tetrachloroethene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,3-Dichloropropane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Dibromochloromethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Chlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Bromoform	ND	1.0	EPA 8260D	9-24-19	9-24-19	
Bromobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2,3-Trichloropropane	ND	0.29	EPA 8260D	9-24-19	9-24-19	
2-Chlorotoluene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
4-Chlorotoluene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	9-24-19	9-24-19	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Hexachlorobutadiene	ND	1.0	EPA 8260D	9-24-19	9-24-19	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*99*	*75-127*				
Toluene-d8	*98*	*80-127*				
4-Bromofluorobenzene	*100*	*78-125*				

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-21-092019**					
Laboratory ID:	09-234-07					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Chloromethane	ND	1.5	EPA 8260D	9-24-19	9-24-19	
Vinyl Chloride	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Bromomethane	ND	0.26	EPA 8260D	9-24-19	9-24-19	
Chloroethane	ND	1.0	EPA 8260D	9-24-19	9-24-19	
Trichlorofluoromethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1-Dichloroethene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Iodomethane	ND	2.1	EPA 8260D	9-24-19	9-24-19	
Methylene Chloride	ND	1.3	EPA 8260D	9-24-19	9-24-19	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1-Dichloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
2,2-Dichloropropane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Bromochloromethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Chloroform	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Carbon Tetrachloride	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1-Dichloropropene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Trichloroethene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Dibromomethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Bromodichloromethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260D	9-24-19	9-24-19	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-24-19	9-24-19	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-21-092019**					
Laboratory ID:	09-234-07					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Tetrachloroethene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,3-Dichloropropane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Dibromochloromethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Chlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Bromoform	ND	1.0	EPA 8260D	9-24-19	9-24-19	
Bromobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2,3-Trichloropropane	ND	0.29	EPA 8260D	9-24-19	9-24-19	
2-Chlorotoluene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
4-Chlorotoluene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	9-24-19	9-24-19	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Hexachlorobutadiene	ND	1.0	EPA 8260D	9-24-19	9-24-19	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*102*	*75-127*				
Toluene-d8	*100*	*80-127*				
4-Bromofluorobenzene	*99*	*78-125*				

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-22-092019**					
Laboratory ID:	09-234-08					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Chloromethane	ND	1.5	EPA 8260D	9-24-19	9-24-19	
Vinyl Chloride	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Bromomethane	ND	0.26	EPA 8260D	9-24-19	9-24-19	
Chloroethane	ND	1.0	EPA 8260D	9-24-19	9-24-19	
Trichlorofluoromethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1-Dichloroethene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Iodomethane	ND	2.1	EPA 8260D	9-24-19	9-24-19	
Methylene Chloride	ND	1.3	EPA 8260D	9-24-19	9-24-19	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1-Dichloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
2,2-Dichloropropane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Bromochloromethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Chloroform	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Carbon Tetrachloride	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1-Dichloropropene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Trichloroethene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Dibromomethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Bromodichloromethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260D	9-24-19	9-24-19	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-24-19	9-24-19	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-22-092019**					
Laboratory ID:	09-234-08					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Tetrachloroethene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,3-Dichloropropane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Dibromochloromethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Chlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Bromoform	ND	1.0	EPA 8260D	9-24-19	9-24-19	
Bromobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2,3-Trichloropropane	ND	0.29	EPA 8260D	9-24-19	9-24-19	
2-Chlorotoluene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
4-Chlorotoluene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	9-24-19	9-24-19	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Hexachlorobutadiene	ND	1.0	EPA 8260D	9-24-19	9-24-19	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*101*	*75-127*				
Toluene-d8	*100*	*80-127*				
4-Bromofluorobenzene	*100*	*78-125*				

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0924W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Chloromethane	ND	1.5	EPA 8260D	9-24-19	9-24-19	
Vinyl Chloride	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Bromomethane	ND	0.26	EPA 8260D	9-24-19	9-24-19	
Chloroethane	ND	1.0	EPA 8260D	9-24-19	9-24-19	
Trichlorofluoromethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1-Dichloroethene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Iodomethane	ND	2.1	EPA 8260D	9-24-19	9-24-19	
Methylene Chloride	ND	1.3	EPA 8260D	9-24-19	9-24-19	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1-Dichloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
2,2-Dichloropropane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Bromochloromethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Chloroform	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Carbon Tetrachloride	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1-Dichloropropene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Trichloroethene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Dibromomethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Bromodichloromethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260D	9-24-19	9-24-19	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-24-19	9-24-19	

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QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0924W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Tetrachloroethene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,3-Dichloropropane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Dibromochloromethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Chlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Bromoform	ND	1.0	EPA 8260D	9-24-19	9-24-19	
Bromobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2,3-Trichloropropane	ND	0.29	EPA 8260D	9-24-19	9-24-19	
2-Chlorotoluene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
4-Chlorotoluene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	9-24-19	9-24-19	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Hexachlorobutadiene	ND	1.0	EPA 8260D	9-24-19	9-24-19	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	9-24-19	9-24-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*101*	*75-127*				
Toluene-d8	*99*	*80-127*				
4-Bromofluorobenzene	*97*	*78-125*				

Date of Report: September 30, 2019
Samples Submitted: September 20, 2019
Laboratory Reference: 1909-234
Project: 1071-010

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0924W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**8.03**	**7.66**	10.0	10.0	80	77	63-130	5	17	
Benzene	**8.48**	**8.26**	10.0	10.0	85	83	76-125	3	19	
Trichloroethene	**9.68**	**9.91**	10.0	10.0	97	99	76-121	2	18	
Toluene	**8.64**	**9.20**	10.0	10.0	86	92	80-124	6	18	
Chlorobenzene	**9.88**	**9.93**	10.0	10.0	99	99	75-120	1	19	
Surrogate:										
Dibromofluoromethane					*103*	*99*	*75-127*			
Toluene-d8					*99*	*102*	*80-127*			
4-Bromofluorobenzene					*98*	*98*	*78-125*			

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

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

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

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

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

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

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

I - Compound recovery is outside of the control limits.

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

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

L - The RPD is outside of the control limits.

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

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

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

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

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

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

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

Z -

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

Chain of Custody

Page 1 of 1

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

Company: Farallon
Project Number: 1070-010
Project Name: Georgetown
Project Manager: Pete Kingston
Sampled by: C. Banfield / G. Peters

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

Laboratory Number: 09-234

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260C	Halogenated Volatiles 8260C	EDB EPA 8011 (Waters Only)	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	% Moisture
1	MW-15-092019	9/20/19	0958	W	5				X		X												
2	MW-16-092019		1100						X		X												
3	MW-17-092019		1135						X		X												
4	MW-18-092019		1134						X		X												
5	MW-19-092019		1219						X		X												
6	MW-20-092019		1230						X		X												
7	MW-21-092019	"	0958	"	"				X		X												
8	MW-22-092019	"	1046	"	"				X		X												

	Signature	Company	Date	Time
Relinquished		Farallon	9/20/19	1340
Received		ORE	9/20/19	1400
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Data Package: Standard ☒ Level III ☐ Level IV ☐

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

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

January 2, 2020

Pete Kingston
Farallon Consulting
1809 7th Avenue, Suite 1111
Seattle, WA 98101

Re: Analytical Data for Project 1071-010
Laboratory Reference No. 1912-223

Dear Pete:

Enclosed are the analytical results and associated quality control data for samples submitted on December 20, 2019.

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

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

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: January 2, 2020
Samples Submitted: December 20, 2019
Laboratory Reference: 1912-223
Project: 1071-010

Case Narrative

Samples were collected on December 19 and 20, 2019 and received by the laboratory on December 20, 2019. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

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

Date of Report: January 2, 2020
Samples Submitted: December 20, 2019
Laboratory Reference: 1912-223
Project: 1071-010

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-16-121919**					
Laboratory ID:	12-223-01					
Diesel Range Organics	**ND**	0.21	NWTPH-Dx	12-30-19	12-31-19	
Lube Oil Range Organics	**ND**	0.21	NWTPH-Dx	12-30-19	12-31-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*91*	*50-150*				
Client ID:	**MW-17-121919**					
Laboratory ID:	12-223-02					
Diesel Range Organics	**ND**	0.21	NWTPH-Dx	12-30-19	12-31-19	
Lube Oil Range Organics	**ND**	0.21	NWTPH-Dx	12-30-19	12-31-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*91*	*50-150*				
Client ID:	**MW-21-121919**					
Laboratory ID:	12-223-03					
Diesel Range Organics	**0.26**	0.21	NWTPH-Dx	12-30-19	12-31-19	
Lube Oil Range Organics	**0.36**	0.21	NWTPH-Dx	12-30-19	12-31-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*94*	*50-150*				
Client ID:	**MW-18-121919**					
Laboratory ID:	12-223-04					
Diesel Range Organics	**ND**	0.20	NWTPH-Dx	12-30-19	12-31-19	
Lube Oil Range Organics	**ND**	0.26	NWTPH-Dx	12-30-19	12-31-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*86*	*50-150*				
Client ID:	**MW-15-122019**					
Laboratory ID:	12-223-05					
Diesel Range Organics	**ND**	0.21	NWTPH-Dx	12-30-19	12-31-19	
Lube Oil Range Organics	**0.46**	0.21	NWTPH-Dx	12-30-19	12-31-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*95*	*50-150*				
Client ID:	**MW-22-122019**					
Laboratory ID:	12-223-06					
Diesel Range Organics	**ND**	0.21	NWTPH-Dx	12-30-19	12-31-19	
Lube Oil Range Organics	**ND**	0.22	NWTPH-Dx	12-30-19	12-31-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*95*	*50-150*				

Date of Report: January 2, 2020
Samples Submitted: December 20, 2019
Laboratory Reference: 1912-223
Project: 1071-010

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-20-122019**					
Laboratory ID:	12-223-07					
Diesel Range Organics	**0.32**	0.21	NWTPH-Dx	12-30-19	12-31-19	
Lube Oil Range Organics	**0.42**	0.21	NWTPH-Dx	12-30-19	12-31-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*103*	*50-150*				
Client ID:	**MW-19-122019**					
Laboratory ID:	12-223-08					
Diesel Range Organics	**0.28**	0.21	NWTPH-Dx	12-30-19	12-31-19	
Lube Oil Range Organics	**0.45**	0.21	NWTPH-Dx	12-30-19	12-31-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*99*	*50-150*				

Date of Report: January 2, 2020
Samples Submitted: December 20, 2019
Laboratory Reference: 1912-223
Project: 1071-010

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx
QUALITY CONTROL

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1230W1					
Diesel Range Organics	**ND**	0.20	NWTPH-Dx	12-30-19	12-30-19	
Lube Oil Range Organics	**ND**	0.20	NWTPH-Dx	12-30-19	12-30-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*95*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	12-223-01										
	ORIG	DUP									
Diesel Range	**ND**	**ND**	NA	NA		NA		NA	NA	NA	
Lube Oil Range	**ND**	**ND**	NA	NA		NA		NA	NA	NA	
Surrogate:											
o-Terphenyl						*91*	*96*	*50-150*			

Date of Report: January 2, 2020
Samples Submitted: December 20, 2019
Laboratory Reference: 1912-223
Project: 1071-010

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-16-121919**					
Laboratory ID:	12-223-01					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Chloromethane	ND	1.0	EPA 8260D	12-23-19	12-23-19	
Vinyl Chloride	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Bromomethane	ND	0.28	EPA 8260D	12-23-19	12-23-19	
Chloroethane	ND	1.0	EPA 8260D	12-23-19	12-23-19	
Trichlorofluoromethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1-Dichloroethene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Iodomethane	ND	2.3	EPA 8260D	12-23-19	12-23-19	
Methylene Chloride	ND	1.0	EPA 8260D	12-23-19	12-23-19	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1-Dichloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
2,2-Dichloropropane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Bromochloromethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Chloroform	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Carbon Tetrachloride	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1-Dichloropropene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2-Dichloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Trichloroethene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2-Dichloropropane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Dibromomethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Bromodichloromethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260D	12-23-19	12-23-19	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	12-23-19	12-23-19	

Date of Report: January 2, 2020
Samples Submitted: December 20, 2019
Laboratory Reference: 1912-223
Project: 1071-010

VOLATILE ORGANICS EPA 8260D
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-16-121919**					
Laboratory ID:	12-223-01					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Tetrachloroethene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,3-Dichloropropane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Dibromochloromethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2-Dibromoethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Chlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Bromoform	ND	1.0	EPA 8260D	12-23-19	12-23-19	
Bromobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
2-Chlorotoluene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
4-Chlorotoluene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	12-23-19	12-23-19	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Hexachlorobutadiene	ND	1.0	EPA 8260D	12-23-19	12-23-19	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*99*	*75-127*				
Toluene-d8	*99*	*80-127*				
4-Bromofluorobenzene	*103*	*78-125*				

Date of Report: January 2, 2020
Samples Submitted: December 20, 2019
Laboratory Reference: 1912-223
Project: 1071-010

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-17-121919**					
Laboratory ID:	12-223-02					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Chloromethane	ND	1.0	EPA 8260D	12-23-19	12-23-19	
Vinyl Chloride	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Bromomethane	ND	0.28	EPA 8260D	12-23-19	12-23-19	
Chloroethane	ND	1.0	EPA 8260D	12-23-19	12-23-19	
Trichlorofluoromethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1-Dichloroethene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Iodomethane	ND	2.3	EPA 8260D	12-23-19	12-23-19	
Methylene Chloride	ND	1.0	EPA 8260D	12-23-19	12-23-19	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1-Dichloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
2,2-Dichloropropane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Bromochloromethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Chloroform	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Carbon Tetrachloride	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1-Dichloropropene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2-Dichloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Trichloroethene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2-Dichloropropane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Dibromomethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Bromodichloromethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260D	12-23-19	12-23-19	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	12-23-19	12-23-19	

Date of Report: January 2, 2020
Samples Submitted: December 20, 2019
Laboratory Reference: 1912-223
Project: 1071-010

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-17-121919**					
Laboratory ID:	12-223-02					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Tetrachloroethene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,3-Dichloropropane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Dibromochloromethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2-Dibromoethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Chlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Bromoform	ND	1.0	EPA 8260D	12-23-19	12-23-19	
Bromobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
2-Chlorotoluene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
4-Chlorotoluene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	12-23-19	12-23-19	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Hexachlorobutadiene	ND	1.0	EPA 8260D	12-23-19	12-23-19	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*101*	*75-127*				
Toluene-d8	*100*	*80-127*				
4-Bromofluorobenzene	*107*	*78-125*				

Date of Report: January 2, 2020
Samples Submitted: December 20, 2019
Laboratory Reference: 1912-223
Project: 1071-010

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-21-121919**					
Laboratory ID:	12-223-03					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Chloromethane	ND	1.0	EPA 8260D	12-23-19	12-23-19	
Vinyl Chloride	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Bromomethane	ND	0.28	EPA 8260D	12-23-19	12-23-19	
Chloroethane	ND	1.0	EPA 8260D	12-23-19	12-23-19	
Trichlorofluoromethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1-Dichloroethene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Iodomethane	ND	2.3	EPA 8260D	12-23-19	12-23-19	
Methylene Chloride	ND	1.0	EPA 8260D	12-23-19	12-23-19	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1-Dichloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
2,2-Dichloropropane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Bromochloromethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Chloroform	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Carbon Tetrachloride	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1-Dichloropropene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2-Dichloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Trichloroethene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2-Dichloropropane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Dibromomethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Bromodichloromethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260D	12-23-19	12-23-19	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	12-23-19	12-23-19	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-21-121919**					
Laboratory ID:	12-223-03					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Tetrachloroethene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,3-Dichloropropane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Dibromochloromethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2-Dibromoethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Chlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Bromoform	ND	1.0	EPA 8260D	12-23-19	12-23-19	
Bromobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
2-Chlorotoluene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
4-Chlorotoluene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	12-23-19	12-23-19	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Hexachlorobutadiene	ND	1.0	EPA 8260D	12-23-19	12-23-19	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*102*	*75-127*				
Toluene-d8	*103*	*80-127*				
4-Bromofluorobenzene	*108*	*78-125*				

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-18-121919**					
Laboratory ID:	12-223-04					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Chloromethane	ND	1.0	EPA 8260D	12-23-19	12-23-19	
Vinyl Chloride	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Bromomethane	ND	0.28	EPA 8260D	12-23-19	12-23-19	
Chloroethane	ND	1.0	EPA 8260D	12-23-19	12-23-19	
Trichlorofluoromethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1-Dichloroethene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Iodomethane	ND	2.3	EPA 8260D	12-23-19	12-23-19	
Methylene Chloride	ND	1.0	EPA 8260D	12-23-19	12-23-19	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1-Dichloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
2,2-Dichloropropane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Bromochloromethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Chloroform	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Carbon Tetrachloride	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1-Dichloropropene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2-Dichloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Trichloroethene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2-Dichloropropane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Dibromomethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Bromodichloromethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260D	12-23-19	12-23-19	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	12-23-19	12-23-19	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-18-121919**					
Laboratory ID:	12-223-04					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Tetrachloroethene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,3-Dichloropropane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Dibromochloromethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2-Dibromoethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Chlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Bromoform	ND	1.0	EPA 8260D	12-23-19	12-23-19	
Bromobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
2-Chlorotoluene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
4-Chlorotoluene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	12-23-19	12-23-19	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Hexachlorobutadiene	ND	1.0	EPA 8260D	12-23-19	12-23-19	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*108*	*75-127*				
Toluene-d8	*100*	*80-127*				
4-Bromofluorobenzene	*107*	*78-125*				

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-15-122019**					
Laboratory ID:	12-223-05					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Chloromethane	ND	1.0	EPA 8260D	12-23-19	12-23-19	
Vinyl Chloride	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Bromomethane	ND	0.28	EPA 8260D	12-23-19	12-23-19	
Chloroethane	ND	1.0	EPA 8260D	12-23-19	12-23-19	
Trichlorofluoromethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1-Dichloroethene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Iodomethane	ND	2.3	EPA 8260D	12-23-19	12-23-19	
Methylene Chloride	ND	1.0	EPA 8260D	12-23-19	12-23-19	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1-Dichloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
2,2-Dichloropropane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Bromochloromethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Chloroform	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Carbon Tetrachloride	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1-Dichloropropene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2-Dichloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Trichloroethene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2-Dichloropropane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Dibromomethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Bromodichloromethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260D	12-23-19	12-23-19	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	12-23-19	12-23-19	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-15-122019**					
Laboratory ID:	12-223-05					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Tetrachloroethene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,3-Dichloropropane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Dibromochloromethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2-Dibromoethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Chlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Bromoform	ND	1.0	EPA 8260D	12-23-19	12-23-19	
Bromobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
2-Chlorotoluene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
4-Chlorotoluene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	12-23-19	12-23-19	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Hexachlorobutadiene	ND	1.0	EPA 8260D	12-23-19	12-23-19	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*99*	*75-127*				
Toluene-d8	*97*	*80-127*				
4-Bromofluorobenzene	*106*	*78-125*				

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-22-122019**					
Laboratory ID:	12-223-06					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Chloromethane	ND	1.0	EPA 8260D	12-23-19	12-23-19	
Vinyl Chloride	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Bromomethane	ND	0.28	EPA 8260D	12-23-19	12-23-19	
Chloroethane	ND	1.0	EPA 8260D	12-23-19	12-23-19	
Trichlorofluoromethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1-Dichloroethene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Iodomethane	ND	2.3	EPA 8260D	12-23-19	12-23-19	
Methylene Chloride	ND	1.0	EPA 8260D	12-23-19	12-23-19	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1-Dichloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
2,2-Dichloropropane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Bromochloromethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Chloroform	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Carbon Tetrachloride	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1-Dichloropropene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2-Dichloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Trichloroethene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2-Dichloropropane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Dibromomethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Bromodichloromethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260D	12-23-19	12-23-19	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	12-23-19	12-23-19	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-22-122019**					
Laboratory ID:	12-223-06					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Tetrachloroethene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,3-Dichloropropane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Dibromochloromethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2-Dibromoethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Chlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Bromoform	ND	1.0	EPA 8260D	12-23-19	12-23-19	
Bromobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
2-Chlorotoluene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
4-Chlorotoluene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	12-23-19	12-23-19	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Hexachlorobutadiene	ND	1.0	EPA 8260D	12-23-19	12-23-19	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*105*	*75-127*				
Toluene-d8	*100*	*80-127*				
4-Bromofluorobenzene	*108*	*78-125*				

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-20-122019**					
Laboratory ID:	12-223-07					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Chloromethane	ND	1.0	EPA 8260D	12-23-19	12-23-19	
Vinyl Chloride	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Bromomethane	ND	0.28	EPA 8260D	12-23-19	12-23-19	
Chloroethane	ND	1.0	EPA 8260D	12-23-19	12-23-19	
Trichlorofluoromethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1-Dichloroethene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Iodomethane	ND	2.3	EPA 8260D	12-23-19	12-23-19	
Methylene Chloride	ND	1.0	EPA 8260D	12-23-19	12-23-19	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1-Dichloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
2,2-Dichloropropane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Bromochloromethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Chloroform	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Carbon Tetrachloride	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1-Dichloropropene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2-Dichloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Trichloroethene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2-Dichloropropane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Dibromomethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Bromodichloromethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260D	12-23-19	12-23-19	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	12-23-19	12-23-19	

Date of Report: January 2, 2020
Samples Submitted: December 20, 2019
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Project: 1071-010

VOLATILE ORGANICS EPA 8260D
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-20-122019**					
Laboratory ID:	12-223-07					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Tetrachloroethene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,3-Dichloropropane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Dibromochloromethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2-Dibromoethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Chlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Bromoform	ND	1.0	EPA 8260D	12-23-19	12-23-19	
Bromobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
2-Chlorotoluene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
4-Chlorotoluene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	12-23-19	12-23-19	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Hexachlorobutadiene	ND	1.0	EPA 8260D	12-23-19	12-23-19	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*101*	*75-127*				
Toluene-d8	*94*	*80-127*				
4-Bromofluorobenzene	*100*	*78-125*				

Date of Report: January 2, 2020
Samples Submitted: December 20, 2019
Laboratory Reference: 1912-223
Project: 1071-010

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-19-122019**					
Laboratory ID:	12-223-08					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Chloromethane	ND	1.0	EPA 8260D	12-23-19	12-23-19	
Vinyl Chloride	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Bromomethane	ND	0.28	EPA 8260D	12-23-19	12-23-19	
Chloroethane	ND	1.0	EPA 8260D	12-23-19	12-23-19	
Trichlorofluoromethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1-Dichloroethene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Iodomethane	ND	2.3	EPA 8260D	12-23-19	12-23-19	
Methylene Chloride	ND	1.0	EPA 8260D	12-23-19	12-23-19	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1-Dichloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
2,2-Dichloropropane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Bromochloromethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Chloroform	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Carbon Tetrachloride	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1-Dichloropropene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2-Dichloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Trichloroethene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2-Dichloropropane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Dibromomethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Bromodichloromethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260D	12-23-19	12-23-19	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	12-23-19	12-23-19	

Date of Report: January 2, 2020
Samples Submitted: December 20, 2019
Laboratory Reference: 1912-223
Project: 1071-010

VOLATILE ORGANICS EPA 8260D
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-19-122019**					
Laboratory ID:	12-223-08					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Tetrachloroethene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,3-Dichloropropane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Dibromochloromethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2-Dibromoethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Chlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Bromoform	ND	1.0	EPA 8260D	12-23-19	12-23-19	
Bromobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
2-Chlorotoluene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
4-Chlorotoluene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	12-23-19	12-23-19	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Hexachlorobutadiene	ND	1.0	EPA 8260D	12-23-19	12-23-19	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*105*	*75-127*				
Toluene-d8	*97*	*80-127*				
4-Bromofluorobenzene	*108*	*78-125*				

Date of Report: January 2, 2020
Samples Submitted: December 20, 2019
Laboratory Reference: 1912-223
Project: 1071-010

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1223W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Chloromethane	ND	1.0	EPA 8260D	12-23-19	12-23-19	
Vinyl Chloride	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Bromomethane	ND	0.28	EPA 8260D	12-23-19	12-23-19	
Chloroethane	ND	1.0	EPA 8260D	12-23-19	12-23-19	
Trichlorofluoromethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1-Dichloroethene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Iodomethane	ND	2.3	EPA 8260D	12-23-19	12-23-19	
Methylene Chloride	ND	1.0	EPA 8260D	12-23-19	12-23-19	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1-Dichloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
2,2-Dichloropropane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Bromochloromethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Chloroform	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Carbon Tetrachloride	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1-Dichloropropene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2-Dichloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Trichloroethene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2-Dichloropropane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Dibromomethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Bromodichloromethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260D	12-23-19	12-23-19	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	12-23-19	12-23-19	

Date of Report: January 2, 2020
Samples Submitted: December 20, 2019
Laboratory Reference: 1912-223
Project: 1071-010

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1223W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Tetrachloroethene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,3-Dichloropropane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Dibromochloromethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2-Dibromoethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Chlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Bromoform	ND	1.0	EPA 8260D	12-23-19	12-23-19	
Bromobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	12-23-19	12-23-19	
2-Chlorotoluene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
4-Chlorotoluene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	12-23-19	12-23-19	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Hexachlorobutadiene	ND	1.0	EPA 8260D	12-23-19	12-23-19	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	12-23-19	12-23-19	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*100*	*75-127*				
Toluene-d8	*101*	*80-127*				
4-Bromofluorobenzene	*108*	*78-125*				

Date of Report: January 2, 2020
Samples Submitted: December 20, 2019
Laboratory Reference: 1912-223
Project: 1071-010

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1223W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**10.4**	**11.0**	10.0	10.0	104	110	63-130	6	17	
Benzene	**10.1**	**10.5**	10.0	10.0	101	105	76-125	4	19	
Trichloroethene	**10.4**	**10.9**	10.0	10.0	104	109	76-121	5	18	
Toluene	**10.1**	**10.2**	10.0	10.0	101	102	80-124	1	18	
Chlorobenzene	**10.0**	**10.7**	10.0	10.0	100	107	75-120	7	19	
Surrogate:										
Dibromofluoromethane					*99*	*101*	*75-127*			
Toluene-d8					*98*	*98*	*80-127*			
4-Bromofluorobenzene					*105*	*106*	*78-125*			

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

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

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

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

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

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

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

I - Compound recovery is outside of the control limits.

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

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

L - The RPD is outside of the control limits.

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

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

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

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

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

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

Q - Surrogate recovery is outside of the control limits.

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

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

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

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

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

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

X - Sample extract treated with a mercury cleanup procedure.

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

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

Z -

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

Chain of Custody

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

Laboratory Number: 12-223

Company: Farallon Consulting
Project Number: 1071-010
Project Name: 6050 Marginal Way 3
Project Manager: Pete Kingston
Sampled by: Matt Bowser

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

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260C	Halogenated Volatiles 8260C	EDB EPA 8011 (Waters Only)	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A					% Moisture
1	MW-16-121920 19 KL	12/19/20	1255	W	5				X		X																
2	MW-17-121920 19 KL		1355	W	5				X		X																
3	MW-21-121919		1500	W	5				X		X																
4	MW-18-121919		1605	W	5				X		X																
5	MW-15-122019	12/20/19	805	W	5				X		X																
6	MW-22-122019		905	W	5				X		X																
7	MW-20-122019		1005	W	5				X		X																
8	MW-19-122019		1035	W	5				X		X																
						MS																					

	Signature	Company	Date	Time
Relinquished		Farallon	12/20/19	14:28
Received		Alpha	12/20/19	14:28
Relinquished		Alpha	12/20/19	1407
Received		OSE	12/20/19	1607
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
DRO/ORO by NWTPH-Dx
HVOCs by EPA Method 8260

Data Package: Standard ☐ Level III ☐ Level IV ☐

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

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

Thursday, May 7, 2020

Pete Kingston
Farallon-Seattle
1809 7th Ave Suite 1111
Seattle, WA 98101

RE: A0E0045 - 6050 E. Marginal Way - 1071-010

Thank you for using Apex Laboratories. We greatly appreciate your business and strive to provide the highest quality services to the environmental industry.

Enclosed are the results of analyses for work order A0E0045, which was received by the laboratory on 5/2/2020 at 11:27:00AM.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: pnerenberg@apex-labs.com, or by phone at 503-718-2323.

Please note: All samples will be disposed of within 30 days of sample receipt, unless prior arrangements have been made.

Cooler Receipt Information

(See Cooler Receipt Form for details)

Cooler#1	2.4 degC	Cooler#2	2.7 degC

This Final Report is the official version of the data results for this sample submission, unless superseded by a subsequent, labeled amended report.
All other deliverables derived from this data, including Electronic Data Deliverables (EDDs), CLP-like forms, client requested summary sheets, and all other products are considered secondary to this report.

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

Farallon-Seattle	Project: **6050 E. Marginal Way**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0E0045 - 05 07 20 1401**

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-15-042020	A0E0045-01	Water	04/30/20 11:00	05/02/20 11:27
MW-21-042020	A0E0045-02	Water	04/30/20 12:30	05/02/20 11:27
MW-17-042020	A0E0045-03	Water	04/30/20 13:40	05/02/20 11:27
MW-18-042020	A0E0045-04	Water	04/30/20 15:40	05/02/20 11:27
MW-19-042020	A0E0045-05	Water	04/30/20 16:50	05/02/20 11:27
MW-20-052020	A0E0045-06	Water	05/01/20 09:00	05/02/20 11:27
MW-16-052020	A0E0045-07	Water	05/01/20 10:20	05/02/20 11:27
MW-22-052020	A0E0045-08	Water	05/01/20 11:45	05/02/20 11:27

Apex Laboratories

Philip Nerenberg, Lab Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

Farallon-Seattle	Project: **6050 E. Marginal Way**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0E0045 - 05 07 20 1401**

ANALYTICAL SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW-15-042020 (A0E0045-01)				**Matrix: Water**		**Batch: 0050206**		
Diesel	**45.0**	38.1	76.2	ug/L	1	05/06/20 23:49	NWTPH-Dx LL	**J**
Oil	ND	76.2	152	ug/L	1	05/06/20 23:49	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 72 %*		*Limits: 50-150 %*	*1*	*05/06/20 23:49*	*NWTPH-Dx LL*	
MW-21-042020 (A0E0045-02)				**Matrix: Water**		**Batch: 0050206**		
Diesel	**85.7**	37.7	75.5	ug/L	1	05/07/20 00:09	NWTPH-Dx LL	**F-11**
Oil	ND	75.5	151	ug/L	1	05/07/20 00:09	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 78 %*		*Limits: 50-150 %*	*1*	*05/07/20 00:09*	*NWTPH-Dx LL*	
MW-17-042020 (A0E0045-03)				**Matrix: Water**		**Batch: 0050206**		
Diesel	**44.1**	37.4	74.8	ug/L	1	05/07/20 00:29	NWTPH-Dx LL	**J**
Oil	ND	74.8	150	ug/L	1	05/07/20 00:29	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 77 %*		*Limits: 50-150 %*	*1*	*05/07/20 00:29*	*NWTPH-Dx LL*	
MW-18-042020 (A0E0045-04)				**Matrix: Water**		**Batch: 0050206**		
Diesel	**74.4**	37.7	75.5	ug/L	1	05/07/20 00:49	NWTPH-Dx LL	**J**
Oil	ND	75.5	151	ug/L	1	05/07/20 00:49	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 71 %*		*Limits: 50-150 %*	*1*	*05/07/20 00:49*	*NWTPH-Dx LL*	
MW-19-042020 (A0E0045-05)				**Matrix: Water**		**Batch: 0050206**		
Diesel	**134**	37.7	75.5	ug/L	1	05/07/20 01:09	NWTPH-Dx LL	**F-11**
Oil	ND	75.5	151	ug/L	1	05/07/20 01:09	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 74 %*		*Limits: 50-150 %*	*1*	*05/07/20 01:09*	*NWTPH-Dx LL*	
MW-20-052020 (A0E0045-06)				**Matrix: Water**		**Batch: 0050206**		
Diesel	**130**	37.7	75.5	ug/L	1	05/07/20 01:29	NWTPH-Dx LL	**F-11**
Oil	ND	75.5	151	ug/L	1	05/07/20 01:29	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 77 %*		*Limits: 50-150 %*	*1*	*05/07/20 01:29*	*NWTPH-Dx LL*	
MW-16-052020 (A0E0045-07)				**Matrix: Water**		**Batch: 0050206**		
Diesel	ND	37.4	74.8	ug/L	1	05/07/20 01:49	NWTPH-Dx LL	
Oil	ND	74.8	150	ug/L	1	05/07/20 01:49	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 76 %*		*Limits: 50-150 %*	*1*	*05/07/20 01:49*	*NWTPH-Dx LL*	

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503-718-2323
EPA ID: OR01039

Farallon-Seattle	Project: **6050 E. Marginal Way**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0E0045 - 05 07 20 1401**

ANALYTICAL SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW-22-052020 (A0E0045-08)				**Matrix: Water**		**Batch: 0050206**		
Diesel	**48.3**	37.4	74.8	ug/L	1	05/07/20 02:08	NWTPH-Dx LL	**J**
Oil	ND	74.8	150	ug/L	1	05/07/20 02:08	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 81 %*		*Limits: 50-150 %*	*1*	*05/07/20 02:08*	*NWTPH-Dx LL*	

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1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0E0045 - 05 07 20 1401**

ANALYTICAL SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW-15-042020 (A0E0045-01)				**Matrix: Water**		**Batch: 0050070**		
Bromobenzene	ND	0.250	0.500	ug/L	1	05/04/20 18:11	EPA 8260D	
Bromochloromethane	ND	0.500	1.00	ug/L	1	05/04/20 18:11	EPA 8260D	
Bromodichloromethane	ND	0.500	1.00	ug/L	1	05/04/20 18:11	EPA 8260D	
Bromoform	ND	0.500	1.00	ug/L	1	05/04/20 18:11	EPA 8260D	
Bromomethane	ND	5.00	5.00	ug/L	1	05/04/20 18:11	EPA 8260D	
Carbon tetrachloride	ND	0.500	1.00	ug/L	1	05/04/20 18:11	EPA 8260D	
Chlorobenzene	ND	0.250	0.500	ug/L	1	05/04/20 18:11	EPA 8260D	
Chloroethane	ND	5.00	5.00	ug/L	1	05/04/20 18:11	EPA 8260D	
Chloroform	ND	0.500	1.00	ug/L	1	05/04/20 18:11	EPA 8260D	
Chloromethane	ND	2.50	5.00	ug/L	1	05/04/20 18:11	EPA 8260D	
2-Chlorotoluene	ND	0.500	1.00	ug/L	1	05/04/20 18:11	EPA 8260D	
4-Chlorotoluene	ND	0.500	1.00	ug/L	1	05/04/20 18:11	EPA 8260D	
Dibromochloromethane	ND	0.500	1.00	ug/L	1	05/04/20 18:11	EPA 8260D	
1,2-Dibromo-3-chloropropane	ND	2.50	5.00	ug/L	1	05/04/20 18:11	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	0.250	0.500	ug/L	1	05/04/20 18:11	EPA 8260D	
Dibromomethane	ND	0.500	1.00	ug/L	1	05/04/20 18:11	EPA 8260D	
1,2-Dichlorobenzene	ND	0.250	0.500	ug/L	1	05/04/20 18:11	EPA 8260D	
1,3-Dichlorobenzene	ND	0.250	0.500	ug/L	1	05/04/20 18:11	EPA 8260D	
1,4-Dichlorobenzene	ND	0.250	0.500	ug/L	1	05/04/20 18:11	EPA 8260D	
Dichlorodifluoromethane	ND	0.500	1.00	ug/L	1	05/04/20 18:11	EPA 8260D	
1,1-Dichloroethane	ND	0.200	0.400	ug/L	1	05/04/20 18:11	EPA 8260D	
1,2-Dichloroethane (EDC)	ND	0.200	0.400	ug/L	1	05/04/20 18:11	EPA 8260D	
1,1-Dichloroethene	ND	0.200	0.400	ug/L	1	05/04/20 18:11	EPA 8260D	
cis-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	05/04/20 18:11	EPA 8260D	
trans-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	05/04/20 18:11	EPA 8260D	
1,2-Dichloropropane	ND	0.250	0.500	ug/L	1	05/04/20 18:11	EPA 8260D	
1,3-Dichloropropane	ND	0.500	1.00	ug/L	1	05/04/20 18:11	EPA 8260D	
2,2-Dichloropropane	ND	0.500	1.00	ug/L	1	05/04/20 18:11	EPA 8260D	
1,1-Dichloropropene	ND	0.500	1.00	ug/L	1	05/04/20 18:11	EPA 8260D	
cis-1,3-Dichloropropene	ND	1.00	2.00	ug/L	1	05/04/20 18:11	EPA 8260D	
trans-1,3-Dichloropropene	ND	0.500	1.00	ug/L	1	05/04/20 18:11	EPA 8260D	
Hexachlorobutadiene	ND	2.50	5.00	ug/L	1	05/04/20 18:11	EPA 8260D	
Methylene chloride	ND	5.00	10.0	ug/L	1	05/04/20 18:11	EPA 8260D	

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Farallon-Seattle	Project: **6050 E. Marginal Way**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0E0045 - 05 07 20 1401**

ANALYTICAL SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW-15-042020 (A0E0045-01)				**Matrix: Water**		**Batch: 0050070**		
1,1,1,2-Tetrachloroethane	ND	0.200	0.400	ug/L	1	05/04/20 18:11	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	0.250	0.500	ug/L	1	05/04/20 18:11	EPA 8260D	
Tetrachloroethene (PCE)	ND	0.200	0.400	ug/L	1	05/04/20 18:11	EPA 8260D	
1,2,3-Trichlorobenzene	ND	1.00	2.00	ug/L	1	05/04/20 18:11	EPA 8260D	
1,2,4-Trichlorobenzene	ND	1.00	2.00	ug/L	1	05/04/20 18:11	EPA 8260D	
1,1,1-Trichloroethane	ND	0.200	0.400	ug/L	1	05/04/20 18:11	EPA 8260D	
1,1,2-Trichloroethane	ND	0.250	0.500	ug/L	1	05/04/20 18:11	EPA 8260D	
Trichloroethene (TCE)	ND	0.200	0.400	ug/L	1	05/04/20 18:11	EPA 8260D	
Trichlorofluoromethane	ND	1.00	2.00	ug/L	1	05/04/20 18:11	EPA 8260D	
1,2,3-Trichloropropane	ND	0.500	1.00	ug/L	1	05/04/20 18:11	EPA 8260D	
Vinyl chloride	**0.640**	0.200	0.400	ug/L	1	05/04/20 18:11	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*104 %*	*Limits:*	*80-120 %*	*1*	*05/04/20 18:11*	*EPA 8260D*	
Toluene-d8 (Surr)			*102 %*		*80-120 %*	*1*	*05/04/20 18:11*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*102 %*		*80-120 %*	*1*	*05/04/20 18:11*	*EPA 8260D*	
MW-21-042020 (A0E0045-02)				**Matrix: Water**		**Batch: 0050070**		
Bromobenzene	ND	0.250	0.500	ug/L	1	05/04/20 18:38	EPA 8260D	
Bromochloromethane	ND	0.500	1.00	ug/L	1	05/04/20 18:38	EPA 8260D	
Bromodichloromethane	ND	0.500	1.00	ug/L	1	05/04/20 18:38	EPA 8260D	
Bromoform	ND	0.500	1.00	ug/L	1	05/04/20 18:38	EPA 8260D	
Bromomethane	ND	5.00	5.00	ug/L	1	05/04/20 18:38	EPA 8260D	
Carbon tetrachloride	ND	0.500	1.00	ug/L	1	05/04/20 18:38	EPA 8260D	
Chlorobenzene	ND	0.250	0.500	ug/L	1	05/04/20 18:38	EPA 8260D	
Chloroethane	ND	5.00	5.00	ug/L	1	05/04/20 18:38	EPA 8260D	
Chloroform	ND	0.500	1.00	ug/L	1	05/04/20 18:38	EPA 8260D	
Chloromethane	ND	2.50	5.00	ug/L	1	05/04/20 18:38	EPA 8260D	
2-Chlorotoluene	ND	0.500	1.00	ug/L	1	05/04/20 18:38	EPA 8260D	
4-Chlorotoluene	ND	0.500	1.00	ug/L	1	05/04/20 18:38	EPA 8260D	
Dibromochloromethane	ND	0.500	1.00	ug/L	1	05/04/20 18:38	EPA 8260D	
1,2-Dibromo-3-chloropropane	ND	2.50	5.00	ug/L	1	05/04/20 18:38	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	0.250	0.500	ug/L	1	05/04/20 18:38	EPA 8260D	
Dibromomethane	ND	0.500	1.00	ug/L	1	05/04/20 18:38	EPA 8260D	
1,2-Dichlorobenzene	ND	0.250	0.500	ug/L	1	05/04/20 18:38	EPA 8260D	
1,3-Dichlorobenzene	ND	0.250	0.500	ug/L	1	05/04/20 18:38	EPA 8260D	

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Farallon-Seattle	Project: **6050 E. Marginal Way**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0E0045 - 05 07 20 1401**

ANALYTICAL SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW-21-042020 (A0E0045-02)				**Matrix: Water**		**Batch: 0050070**		
1,4-Dichlorobenzene	ND	0.250	0.500	ug/L	1	05/04/20 18:38	EPA 8260D	
Dichlorodifluoromethane	ND	0.500	1.00	ug/L	1	05/04/20 18:38	EPA 8260D	
1,1-Dichloroethane	ND	0.200	0.400	ug/L	1	05/04/20 18:38	EPA 8260D	
1,2-Dichloroethane (EDC)	ND	0.200	0.400	ug/L	1	05/04/20 18:38	EPA 8260D	
1,1-Dichloroethene	ND	0.200	0.400	ug/L	1	05/04/20 18:38	EPA 8260D	
cis-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	05/04/20 18:38	EPA 8260D	
trans-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	05/04/20 18:38	EPA 8260D	
1,2-Dichloropropane	ND	0.250	0.500	ug/L	1	05/04/20 18:38	EPA 8260D	
1,3-Dichloropropane	ND	0.500	1.00	ug/L	1	05/04/20 18:38	EPA 8260D	
2,2-Dichloropropane	ND	0.500	1.00	ug/L	1	05/04/20 18:38	EPA 8260D	
1,1-Dichloropropene	ND	0.500	1.00	ug/L	1	05/04/20 18:38	EPA 8260D	
cis-1,3-Dichloropropene	ND	1.00	2.00	ug/L	1	05/04/20 18:38	EPA 8260D	
trans-1,3-Dichloropropene	ND	0.500	1.00	ug/L	1	05/04/20 18:38	EPA 8260D	
Hexachlorobutadiene	ND	2.50	5.00	ug/L	1	05/04/20 18:38	EPA 8260D	
Methylene chloride	ND	5.00	10.0	ug/L	1	05/04/20 18:38	EPA 8260D	
1,1,1,2-Tetrachloroethane	ND	0.200	0.400	ug/L	1	05/04/20 18:38	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	0.250	0.500	ug/L	1	05/04/20 18:38	EPA 8260D	
Tetrachloroethene (PCE)	ND	0.200	0.400	ug/L	1	05/04/20 18:38	EPA 8260D	
1,2,3-Trichlorobenzene	ND	1.00	2.00	ug/L	1	05/04/20 18:38	EPA 8260D	
1,2,4-Trichlorobenzene	ND	1.00	2.00	ug/L	1	05/04/20 18:38	EPA 8260D	
1,1,1-Trichloroethane	ND	0.200	0.400	ug/L	1	05/04/20 18:38	EPA 8260D	
1,1,2-Trichloroethane	ND	0.250	0.500	ug/L	1	05/04/20 18:38	EPA 8260D	
Trichloroethene (TCE)	ND	0.200	0.400	ug/L	1	05/04/20 18:38	EPA 8260D	
Trichlorofluoromethane	ND	1.00	2.00	ug/L	1	05/04/20 18:38	EPA 8260D	
1,2,3-Trichloropropane	ND	0.500	1.00	ug/L	1	05/04/20 18:38	EPA 8260D	
Vinyl chloride	ND	0.200	0.400	ug/L	1	05/04/20 18:38	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*104 %*	*Limits:*	*80-120 %*	*1*	*05/04/20 18:38*	*EPA 8260D*	
Toluene-d8 (Surr)			*101 %*		*80-120 %*	*1*	*05/04/20 18:38*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*102 %*		*80-120 %*	*1*	*05/04/20 18:38*	*EPA 8260D*	
MW-17-042020 (A0E0045-03)				**Matrix: Water**		**Batch: 0050070**		
Bromobenzene	ND	0.250	0.500	ug/L	1	05/04/20 16:22	EPA 8260D	
Bromochloromethane	ND	0.500	1.00	ug/L	1	05/04/20 16:22	EPA 8260D	
Bromodichloromethane	ND	0.500	1.00	ug/L	1	05/04/20 16:22	EPA 8260D	

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Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0E0045 - 05 07 20 1401**

ANALYTICAL SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW-17-042020 (A0E0045-03)				**Matrix: Water**		**Batch: 0050070**		
Bromoform	ND	0.500	1.00	ug/L	1	05/04/20 16:22	EPA 8260D	
Bromomethane	ND	5.00	5.00	ug/L	1	05/04/20 16:22	EPA 8260D	
Carbon tetrachloride	ND	0.500	1.00	ug/L	1	05/04/20 16:22	EPA 8260D	
Chlorobenzene	ND	0.250	0.500	ug/L	1	05/04/20 16:22	EPA 8260D	
Chloroethane	ND	5.00	5.00	ug/L	1	05/04/20 16:22	EPA 8260D	
Chloroform	ND	0.500	1.00	ug/L	1	05/04/20 16:22	EPA 8260D	
Chloromethane	ND	2.50	5.00	ug/L	1	05/04/20 16:22	EPA 8260D	
2-Chlorotoluene	ND	0.500	1.00	ug/L	1	05/04/20 16:22	EPA 8260D	
4-Chlorotoluene	ND	0.500	1.00	ug/L	1	05/04/20 16:22	EPA 8260D	
Dibromochloromethane	ND	0.500	1.00	ug/L	1	05/04/20 16:22	EPA 8260D	
1,2-Dibromo-3-chloropropane	ND	2.50	5.00	ug/L	1	05/04/20 16:22	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	0.250	0.500	ug/L	1	05/04/20 16:22	EPA 8260D	
Dibromomethane	ND	0.500	1.00	ug/L	1	05/04/20 16:22	EPA 8260D	
1,2-Dichlorobenzene	ND	0.250	0.500	ug/L	1	05/04/20 16:22	EPA 8260D	
1,3-Dichlorobenzene	ND	0.250	0.500	ug/L	1	05/04/20 16:22	EPA 8260D	
1,4-Dichlorobenzene	ND	0.250	0.500	ug/L	1	05/04/20 16:22	EPA 8260D	
Dichlorodifluoromethane	ND	0.500	1.00	ug/L	1	05/04/20 16:22	EPA 8260D	
1,1-Dichloroethane	ND	0.200	0.400	ug/L	1	05/04/20 16:22	EPA 8260D	
1,2-Dichloroethane (EDC)	ND	0.200	0.400	ug/L	1	05/04/20 16:22	EPA 8260D	
1,1-Dichloroethene	ND	0.200	0.400	ug/L	1	05/04/20 16:22	EPA 8260D	
cis-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	05/04/20 16:22	EPA 8260D	
trans-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	05/04/20 16:22	EPA 8260D	
1,2-Dichloropropane	ND	0.250	0.500	ug/L	1	05/04/20 16:22	EPA 8260D	
1,3-Dichloropropane	ND	0.500	1.00	ug/L	1	05/04/20 16:22	EPA 8260D	
2,2-Dichloropropane	ND	0.500	1.00	ug/L	1	05/04/20 16:22	EPA 8260D	
1,1-Dichloropropene	ND	0.500	1.00	ug/L	1	05/04/20 16:22	EPA 8260D	
cis-1,3-Dichloropropene	ND	1.00	2.00	ug/L	1	05/04/20 16:22	EPA 8260D	
trans-1,3-Dichloropropene	ND	0.500	1.00	ug/L	1	05/04/20 16:22	EPA 8260D	
Hexachlorobutadiene	ND	2.50	5.00	ug/L	1	05/04/20 16:22	EPA 8260D	
Methylene chloride	ND	5.00	10.0	ug/L	1	05/04/20 16:22	EPA 8260D	
1,1,1,2-Tetrachloroethane	ND	0.200	0.400	ug/L	1	05/04/20 16:22	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	0.250	0.500	ug/L	1	05/04/20 16:22	EPA 8260D	
Tetrachloroethene (PCE)	ND	0.200	0.400	ug/L	1	05/04/20 16:22	EPA 8260D	

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Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0E0045 - 05 07 20 1401**

ANALYTICAL SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW-17-042020 (A0E0045-03)				**Matrix: Water**		**Batch: 0050070**		
1,2,3-Trichlorobenzene	ND	1.00	2.00	ug/L	1	05/04/20 16:22	EPA 8260D	
1,2,4-Trichlorobenzene	ND	1.00	2.00	ug/L	1	05/04/20 16:22	EPA 8260D	
1,1,1-Trichloroethane	ND	0.200	0.400	ug/L	1	05/04/20 16:22	EPA 8260D	
1,1,2-Trichloroethane	ND	0.250	0.500	ug/L	1	05/04/20 16:22	EPA 8260D	
Trichloroethene (TCE)	ND	0.200	0.400	ug/L	1	05/04/20 16:22	EPA 8260D	
Trichlorofluoromethane	ND	1.00	2.00	ug/L	1	05/04/20 16:22	EPA 8260D	
1,2,3-Trichloropropane	ND	0.500	1.00	ug/L	1	05/04/20 16:22	EPA 8260D	
Vinyl chloride	ND	0.200	0.400	ug/L	1	05/04/20 16:22	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*103 %*	*Limits: 80-120 %*	*1*	*05/04/20 16:22*	*EPA 8260D*	
Toluene-d8 (Surr)			*102 %*	*80-120 %*	*1*	*05/04/20 16:22*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*102 %*	*80-120 %*	*1*	*05/04/20 16:22*	*EPA 8260D*	
MW-18-042020 (A0E0045-04)				**Matrix: Water**		**Batch: 0050070**		
Bromobenzene	ND	0.250	0.500	ug/L	1	05/04/20 19:59	EPA 8260D	
Bromochloromethane	ND	0.500	1.00	ug/L	1	05/04/20 19:59	EPA 8260D	
Bromodichloromethane	ND	0.500	1.00	ug/L	1	05/04/20 19:59	EPA 8260D	
Bromoform	ND	0.500	1.00	ug/L	1	05/04/20 19:59	EPA 8260D	
Bromomethane	ND	5.00	5.00	ug/L	1	05/04/20 19:59	EPA 8260D	
Carbon tetrachloride	ND	0.500	1.00	ug/L	1	05/04/20 19:59	EPA 8260D	
Chlorobenzene	ND	0.250	0.500	ug/L	1	05/04/20 19:59	EPA 8260D	
Chloroethane	ND	5.00	5.00	ug/L	1	05/04/20 19:59	EPA 8260D	
Chloroform	ND	0.500	1.00	ug/L	1	05/04/20 19:59	EPA 8260D	
Chloromethane	ND	2.50	5.00	ug/L	1	05/04/20 19:59	EPA 8260D	
2-Chlorotoluene	ND	0.500	1.00	ug/L	1	05/04/20 19:59	EPA 8260D	
4-Chlorotoluene	ND	0.500	1.00	ug/L	1	05/04/20 19:59	EPA 8260D	
Dibromochloromethane	ND	0.500	1.00	ug/L	1	05/04/20 19:59	EPA 8260D	
1,2-Dibromo-3-chloropropane	ND	2.50	5.00	ug/L	1	05/04/20 19:59	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	0.250	0.500	ug/L	1	05/04/20 19:59	EPA 8260D	
Dibromomethane	ND	0.500	1.00	ug/L	1	05/04/20 19:59	EPA 8260D	
1,2-Dichlorobenzene	ND	0.250	0.500	ug/L	1	05/04/20 19:59	EPA 8260D	
1,3-Dichlorobenzene	ND	0.250	0.500	ug/L	1	05/04/20 19:59	EPA 8260D	
1,4-Dichlorobenzene	ND	0.250	0.500	ug/L	1	05/04/20 19:59	EPA 8260D	
Dichlorodifluoromethane	ND	0.500	1.00	ug/L	1	05/04/20 19:59	EPA 8260D	
1,1-Dichloroethane	ND	0.200	0.400	ug/L	1	05/04/20 19:59	EPA 8260D	

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Philip Nerenberg, Lab Director

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

Farallon-Seattle	Project: **6050 E. Marginal Way**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0E0045 - 05 07 20 1401**

ANALYTICAL SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW-18-042020 (A0E0045-04)				**Matrix: Water**		**Batch: 0050070**		
1,2-Dichloroethane (EDC)	ND	0.200	0.400	ug/L	1	05/04/20 19:59	EPA 8260D	
1,1-Dichloroethene	ND	0.200	0.400	ug/L	1	05/04/20 19:59	EPA 8260D	
cis-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	05/04/20 19:59	EPA 8260D	
trans-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	05/04/20 19:59	EPA 8260D	
1,2-Dichloropropane	ND	0.250	0.500	ug/L	1	05/04/20 19:59	EPA 8260D	
1,3-Dichloropropane	ND	0.500	1.00	ug/L	1	05/04/20 19:59	EPA 8260D	
2,2-Dichloropropane	ND	0.500	1.00	ug/L	1	05/04/20 19:59	EPA 8260D	
1,1-Dichloropropene	ND	0.500	1.00	ug/L	1	05/04/20 19:59	EPA 8260D	
cis-1,3-Dichloropropene	ND	1.00	2.00	ug/L	1	05/04/20 19:59	EPA 8260D	
trans-1,3-Dichloropropene	ND	0.500	1.00	ug/L	1	05/04/20 19:59	EPA 8260D	
Hexachlorobutadiene	ND	2.50	5.00	ug/L	1	05/04/20 19:59	EPA 8260D	
Methylene chloride	ND	5.00	10.0	ug/L	1	05/04/20 19:59	EPA 8260D	
1,1,1,2-Tetrachloroethane	ND	0.200	0.400	ug/L	1	05/04/20 19:59	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	0.250	0.500	ug/L	1	05/04/20 19:59	EPA 8260D	
Tetrachloroethene (PCE)	ND	0.200	0.400	ug/L	1	05/04/20 19:59	EPA 8260D	
1,2,3-Trichlorobenzene	ND	1.00	2.00	ug/L	1	05/04/20 19:59	EPA 8260D	
1,2,4-Trichlorobenzene	ND	1.00	2.00	ug/L	1	05/04/20 19:59	EPA 8260D	
1,1,1-Trichloroethane	ND	0.200	0.400	ug/L	1	05/04/20 19:59	EPA 8260D	
1,1,2-Trichloroethane	ND	0.250	0.500	ug/L	1	05/04/20 19:59	EPA 8260D	
Trichloroethene (TCE)	ND	0.200	0.400	ug/L	1	05/04/20 19:59	EPA 8260D	
Trichlorofluoromethane	ND	1.00	2.00	ug/L	1	05/04/20 19:59	EPA 8260D	
1,2,3-Trichloropropane	ND	0.500	1.00	ug/L	1	05/04/20 19:59	EPA 8260D	
Vinyl chloride	ND	0.200	0.400	ug/L	1	05/04/20 19:59	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*106 %*	*Limits:* *80-120 %*	*1*	*05/04/20 19:59*	*EPA 8260D*	
Toluene-d8 (Surr)			*101 %*	*80-120 %*	*1*	*05/04/20 19:59*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*102 %*	*80-120 %*	*1*	*05/04/20 19:59*	*EPA 8260D*	
MW-19-042020 (A0E0045-05)				**Matrix: Water**		**Batch: 0050070**		
Bromobenzene	ND	0.250	0.500	ug/L	1	05/04/20 19:05	EPA 8260D	
Bromochloromethane	ND	0.500	1.00	ug/L	1	05/04/20 19:05	EPA 8260D	
Bromodichloromethane	ND	0.500	1.00	ug/L	1	05/04/20 19:05	EPA 8260D	
Bromoform	ND	0.500	1.00	ug/L	1	05/04/20 19:05	EPA 8260D	
Bromomethane	ND	5.00	5.00	ug/L	1	05/04/20 19:05	EPA 8260D	
Carbon tetrachloride	ND	0.500	1.00	ug/L	1	05/04/20 19:05	EPA 8260D	

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Philip Nerenberg, Lab Director

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6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

Farallon-Seattle	Project: **6050 E. Marginal Way**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0E0045 - 05 07 20 1401**

ANALYTICAL SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW-19-042020 (A0E0045-05)				**Matrix: Water**		**Batch: 0050070**		
Chlorobenzene	ND	0.250	0.500	ug/L	1	05/04/20 19:05	EPA 8260D	
Chloroethane	ND	5.00	5.00	ug/L	1	05/04/20 19:05	EPA 8260D	
Chloroform	ND	0.500	1.00	ug/L	1	05/04/20 19:05	EPA 8260D	
Chloromethane	ND	2.50	5.00	ug/L	1	05/04/20 19:05	EPA 8260D	
2-Chlorotoluene	ND	0.500	1.00	ug/L	1	05/04/20 19:05	EPA 8260D	
4-Chlorotoluene	ND	0.500	1.00	ug/L	1	05/04/20 19:05	EPA 8260D	
Dibromochloromethane	ND	0.500	1.00	ug/L	1	05/04/20 19:05	EPA 8260D	
1,2-Dibromo-3-chloropropane	ND	2.50	5.00	ug/L	1	05/04/20 19:05	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	0.250	0.500	ug/L	1	05/04/20 19:05	EPA 8260D	
Dibromomethane	ND	0.500	1.00	ug/L	1	05/04/20 19:05	EPA 8260D	
1,2-Dichlorobenzene	ND	0.250	0.500	ug/L	1	05/04/20 19:05	EPA 8260D	
1,3-Dichlorobenzene	ND	0.250	0.500	ug/L	1	05/04/20 19:05	EPA 8260D	
1,4-Dichlorobenzene	ND	0.250	0.500	ug/L	1	05/04/20 19:05	EPA 8260D	
Dichlorodifluoromethane	ND	0.500	1.00	ug/L	1	05/04/20 19:05	EPA 8260D	
1,1-Dichloroethane	ND	0.200	0.400	ug/L	1	05/04/20 19:05	EPA 8260D	
1,2-Dichloroethane (EDC)	ND	0.200	0.400	ug/L	1	05/04/20 19:05	EPA 8260D	
1,1-Dichloroethene	ND	0.200	0.400	ug/L	1	05/04/20 19:05	EPA 8260D	
cis-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	05/04/20 19:05	EPA 8260D	
trans-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	05/04/20 19:05	EPA 8260D	
1,2-Dichloropropane	ND	0.250	0.500	ug/L	1	05/04/20 19:05	EPA 8260D	
1,3-Dichloropropane	ND	0.500	1.00	ug/L	1	05/04/20 19:05	EPA 8260D	
2,2-Dichloropropane	ND	0.500	1.00	ug/L	1	05/04/20 19:05	EPA 8260D	
1,1-Dichloropropene	ND	0.500	1.00	ug/L	1	05/04/20 19:05	EPA 8260D	
cis-1,3-Dichloropropene	ND	1.00	2.00	ug/L	1	05/04/20 19:05	EPA 8260D	
trans-1,3-Dichloropropene	ND	0.500	1.00	ug/L	1	05/04/20 19:05	EPA 8260D	
Hexachlorobutadiene	ND	2.50	5.00	ug/L	1	05/04/20 19:05	EPA 8260D	
Methylene chloride	ND	5.00	10.0	ug/L	1	05/04/20 19:05	EPA 8260D	
1,1,1,2-Tetrachloroethane	ND	0.200	0.400	ug/L	1	05/04/20 19:05	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	0.250	0.500	ug/L	1	05/04/20 19:05	EPA 8260D	
Tetrachloroethene (PCE)	ND	0.200	0.400	ug/L	1	05/04/20 19:05	EPA 8260D	
1,2,3-Trichlorobenzene	ND	1.00	2.00	ug/L	1	05/04/20 19:05	EPA 8260D	
1,2,4-Trichlorobenzene	ND	1.00	2.00	ug/L	1	05/04/20 19:05	EPA 8260D	
1,1,1-Trichloroethane	ND	0.200	0.400	ug/L	1	05/04/20 19:05	EPA 8260D	

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Farallon-Seattle	Project: **6050 E. Marginal Way**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0E0045 - 05 07 20 1401**

ANALYTICAL SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW-19-042020 (A0E0045-05)				**Matrix: Water**		**Batch: 0050070**		
1,1,2-Trichloroethane	ND	0.250	0.500	ug/L	1	05/04/20 19:05	EPA 8260D	
Trichloroethene (TCE)	ND	0.200	0.400	ug/L	1	05/04/20 19:05	EPA 8260D	
Trichlorofluoromethane	ND	1.00	2.00	ug/L	1	05/04/20 19:05	EPA 8260D	
1,2,3-Trichloropropane	ND	0.500	1.00	ug/L	1	05/04/20 19:05	EPA 8260D	
Vinyl chloride	ND	0.200	0.400	ug/L	1	05/04/20 19:05	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*105 %*	*Limits: 80-120 %*	*1*	*05/04/20 19:05*	*EPA 8260D*	
Toluene-d8 (Surr)			*101 %*	*80-120 %*	*1*	*05/04/20 19:05*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*101 %*	*80-120 %*	*1*	*05/04/20 19:05*	*EPA 8260D*	
MW-20-052020 (A0E0045-06)				**Matrix: Water**		**Batch: 0050070**		
Bromobenzene	ND	0.250	0.500	ug/L	1	05/04/20 19:32	EPA 8260D	
Bromochloromethane	ND	0.500	1.00	ug/L	1	05/04/20 19:32	EPA 8260D	
Bromodichloromethane	ND	0.500	1.00	ug/L	1	05/04/20 19:32	EPA 8260D	
Bromoform	ND	0.500	1.00	ug/L	1	05/04/20 19:32	EPA 8260D	
Bromomethane	ND	5.00	5.00	ug/L	1	05/04/20 19:32	EPA 8260D	
Carbon tetrachloride	ND	0.500	1.00	ug/L	1	05/04/20 19:32	EPA 8260D	
Chlorobenzene	ND	0.250	0.500	ug/L	1	05/04/20 19:32	EPA 8260D	
Chloroethane	ND	5.00	5.00	ug/L	1	05/04/20 19:32	EPA 8260D	
Chloroform	ND	0.500	1.00	ug/L	1	05/04/20 19:32	EPA 8260D	
Chloromethane	ND	2.50	5.00	ug/L	1	05/04/20 19:32	EPA 8260D	
2-Chlorotoluene	ND	0.500	1.00	ug/L	1	05/04/20 19:32	EPA 8260D	
4-Chlorotoluene	ND	0.500	1.00	ug/L	1	05/04/20 19:32	EPA 8260D	
Dibromochloromethane	ND	0.500	1.00	ug/L	1	05/04/20 19:32	EPA 8260D	
1,2-Dibromo-3-chloropropane	ND	2.50	5.00	ug/L	1	05/04/20 19:32	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	0.250	0.500	ug/L	1	05/04/20 19:32	EPA 8260D	
Dibromomethane	ND	0.500	1.00	ug/L	1	05/04/20 19:32	EPA 8260D	
1,2-Dichlorobenzene	ND	0.250	0.500	ug/L	1	05/04/20 19:32	EPA 8260D	
1,3-Dichlorobenzene	ND	0.250	0.500	ug/L	1	05/04/20 19:32	EPA 8260D	
1,4-Dichlorobenzene	ND	0.250	0.500	ug/L	1	05/04/20 19:32	EPA 8260D	
Dichlorodifluoromethane	ND	0.500	1.00	ug/L	1	05/04/20 19:32	EPA 8260D	
1,1-Dichloroethane	ND	0.200	0.400	ug/L	1	05/04/20 19:32	EPA 8260D	
1,2-Dichloroethane (EDC)	ND	0.200	0.400	ug/L	1	05/04/20 19:32	EPA 8260D	
1,1-Dichloroethene	ND	0.200	0.400	ug/L	1	05/04/20 19:32	EPA 8260D	
cis-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	05/04/20 19:32	EPA 8260D	

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Farallon-Seattle	Project: **6050 E. Marginal Way**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0E0045 - 05 07 20 1401**

ANALYTICAL SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW-20-052020 (A0E0045-06)				**Matrix: Water**		**Batch: 0050070**		
trans-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	05/04/20 19:32	EPA 8260D	
1,2-Dichloropropane	ND	0.250	0.500	ug/L	1	05/04/20 19:32	EPA 8260D	
1,3-Dichloropropane	ND	0.500	1.00	ug/L	1	05/04/20 19:32	EPA 8260D	
2,2-Dichloropropane	ND	0.500	1.00	ug/L	1	05/04/20 19:32	EPA 8260D	
1,1-Dichloropropene	ND	0.500	1.00	ug/L	1	05/04/20 19:32	EPA 8260D	
cis-1,3-Dichloropropene	ND	1.00	2.00	ug/L	1	05/04/20 19:32	EPA 8260D	
trans-1,3-Dichloropropene	ND	0.500	1.00	ug/L	1	05/04/20 19:32	EPA 8260D	
Hexachlorobutadiene	ND	2.50	5.00	ug/L	1	05/04/20 19:32	EPA 8260D	
Methylene chloride	ND	5.00	10.0	ug/L	1	05/04/20 19:32	EPA 8260D	
1,1,1,2-Tetrachloroethane	ND	0.200	0.400	ug/L	1	05/04/20 19:32	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	0.250	0.500	ug/L	1	05/04/20 19:32	EPA 8260D	
Tetrachloroethene (PCE)	ND	0.200	0.400	ug/L	1	05/04/20 19:32	EPA 8260D	
1,2,3-Trichlorobenzene	ND	1.00	2.00	ug/L	1	05/04/20 19:32	EPA 8260D	
1,2,4-Trichlorobenzene	ND	1.00	2.00	ug/L	1	05/04/20 19:32	EPA 8260D	
1,1,1-Trichloroethane	ND	0.200	0.400	ug/L	1	05/04/20 19:32	EPA 8260D	
1,1,2-Trichloroethane	ND	0.250	0.500	ug/L	1	05/04/20 19:32	EPA 8260D	
Trichloroethene (TCE)	ND	0.200	0.400	ug/L	1	05/04/20 19:32	EPA 8260D	
Trichlorofluoromethane	ND	1.00	2.00	ug/L	1	05/04/20 19:32	EPA 8260D	
1,2,3-Trichloropropane	ND	0.500	1.00	ug/L	1	05/04/20 19:32	EPA 8260D	
Vinyl chloride	ND	0.200	0.400	ug/L	1	05/04/20 19:32	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*106 %*	*Limits: 80-120 %*	*1*	*05/04/20 19:32*	*EPA 8260D*	
Toluene-d8 (Surr)			*100 %*	*80-120 %*	*1*	*05/04/20 19:32*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*102 %*	*80-120 %*	*1*	*05/04/20 19:32*	*EPA 8260D*	
MW-16-052020 (A0E0045-07)				**Matrix: Water**		**Batch: 0050070**		
Bromobenzene	ND	0.250	0.500	ug/L	1	05/04/20 16:50	EPA 8260D	
Bromochloromethane	ND	0.500	1.00	ug/L	1	05/04/20 16:50	EPA 8260D	
Bromodichloromethane	ND	0.500	1.00	ug/L	1	05/04/20 16:50	EPA 8260D	
Bromoform	ND	0.500	1.00	ug/L	1	05/04/20 16:50	EPA 8260D	
Bromomethane	ND	5.00	5.00	ug/L	1	05/04/20 16:50	EPA 8260D	
Carbon tetrachloride	ND	0.500	1.00	ug/L	1	05/04/20 16:50	EPA 8260D	
Chlorobenzene	ND	0.250	0.500	ug/L	1	05/04/20 16:50	EPA 8260D	
Chloroethane	ND	5.00	5.00	ug/L	1	05/04/20 16:50	EPA 8260D	
Chloroform	ND	0.500	1.00	ug/L	1	05/04/20 16:50	EPA 8260D	

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Philip Nerenberg, Lab Director

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Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

Farallon-Seattle	Project: **6050 E. Marginal Way**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0E0045 - 05 07 20 1401**

ANALYTICAL SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW-16-052020 (A0E0045-07)				**Matrix: Water**		**Batch: 0050070**		
Chloromethane	ND	2.50	5.00	ug/L	1	05/04/20 16:50	EPA 8260D	
2-Chlorotoluene	ND	0.500	1.00	ug/L	1	05/04/20 16:50	EPA 8260D	
4-Chlorotoluene	ND	0.500	1.00	ug/L	1	05/04/20 16:50	EPA 8260D	
Dibromochloromethane	ND	0.500	1.00	ug/L	1	05/04/20 16:50	EPA 8260D	
1,2-Dibromo-3-chloropropane	ND	2.50	5.00	ug/L	1	05/04/20 16:50	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	0.250	0.500	ug/L	1	05/04/20 16:50	EPA 8260D	
Dibromomethane	ND	0.500	1.00	ug/L	1	05/04/20 16:50	EPA 8260D	
1,2-Dichlorobenzene	ND	0.250	0.500	ug/L	1	05/04/20 16:50	EPA 8260D	
1,3-Dichlorobenzene	ND	0.250	0.500	ug/L	1	05/04/20 16:50	EPA 8260D	
1,4-Dichlorobenzene	ND	0.250	0.500	ug/L	1	05/04/20 16:50	EPA 8260D	
Dichlorodifluoromethane	ND	0.500	1.00	ug/L	1	05/04/20 16:50	EPA 8260D	
1,1-Dichloroethane	ND	0.200	0.400	ug/L	1	05/04/20 16:50	EPA 8260D	
1,2-Dichloroethane (EDC)	ND	0.200	0.400	ug/L	1	05/04/20 16:50	EPA 8260D	
1,1-Dichloroethene	ND	0.200	0.400	ug/L	1	05/04/20 16:50	EPA 8260D	
cis-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	05/04/20 16:50	EPA 8260D	
trans-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	05/04/20 16:50	EPA 8260D	
1,2-Dichloropropane	ND	0.250	0.500	ug/L	1	05/04/20 16:50	EPA 8260D	
1,3-Dichloropropane	ND	0.500	1.00	ug/L	1	05/04/20 16:50	EPA 8260D	
2,2-Dichloropropane	ND	0.500	1.00	ug/L	1	05/04/20 16:50	EPA 8260D	
1,1-Dichloropropene	ND	0.500	1.00	ug/L	1	05/04/20 16:50	EPA 8260D	
cis-1,3-Dichloropropene	ND	1.00	2.00	ug/L	1	05/04/20 16:50	EPA 8260D	
trans-1,3-Dichloropropene	ND	0.500	1.00	ug/L	1	05/04/20 16:50	EPA 8260D	
Hexachlorobutadiene	ND	2.50	5.00	ug/L	1	05/04/20 16:50	EPA 8260D	
Methylene chloride	ND	5.00	10.0	ug/L	1	05/04/20 16:50	EPA 8260D	
1,1,1,2-Tetrachloroethane	ND	0.200	0.400	ug/L	1	05/04/20 16:50	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	0.250	0.500	ug/L	1	05/04/20 16:50	EPA 8260D	
Tetrachloroethene (PCE)	ND	0.200	0.400	ug/L	1	05/04/20 16:50	EPA 8260D	
1,2,3-Trichlorobenzene	ND	1.00	2.00	ug/L	1	05/04/20 16:50	EPA 8260D	
1,2,4-Trichlorobenzene	ND	1.00	2.00	ug/L	1	05/04/20 16:50	EPA 8260D	
1,1,1-Trichloroethane	ND	0.200	0.400	ug/L	1	05/04/20 16:50	EPA 8260D	
1,1,2-Trichloroethane	ND	0.250	0.500	ug/L	1	05/04/20 16:50	EPA 8260D	
Trichloroethene (TCE)	ND	0.200	0.400	ug/L	1	05/04/20 16:50	EPA 8260D	
Trichlorofluoromethane	ND	1.00	2.00	ug/L	1	05/04/20 16:50	EPA 8260D	

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1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0E0045 - 05 07 20 1401**

ANALYTICAL SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW-16-052020 (A0E0045-07)				**Matrix: Water**		**Batch: 0050070**		
1,2,3-Trichloropropane	ND	0.500	1.00	ug/L	1	05/04/20 16:50	EPA 8260D	
Vinyl chloride	ND	0.200	0.400	ug/L	1	05/04/20 16:50	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*105 %*	*Limits: 80-120 %*	*1*	*05/04/20 16:50*	*EPA 8260D*	
Toluene-d8 (Surr)			*101 %*	*80-120 %*	*1*	*05/04/20 16:50*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*104 %*	*80-120 %*	*1*	*05/04/20 16:50*	*EPA 8260D*	
MW-22-052020 (A0E0045-08)				**Matrix: Water**		**Batch: 0050070**		
Bromobenzene	ND	0.250	0.500	ug/L	1	05/04/20 17:17	EPA 8260D	
Bromochloromethane	ND	0.500	1.00	ug/L	1	05/04/20 17:17	EPA 8260D	
Bromodichloromethane	ND	0.500	1.00	ug/L	1	05/04/20 17:17	EPA 8260D	
Bromoform	ND	0.500	1.00	ug/L	1	05/04/20 17:17	EPA 8260D	
Bromomethane	ND	5.00	5.00	ug/L	1	05/04/20 17:17	EPA 8260D	
Carbon tetrachloride	ND	0.500	1.00	ug/L	1	05/04/20 17:17	EPA 8260D	
Chlorobenzene	ND	0.250	0.500	ug/L	1	05/04/20 17:17	EPA 8260D	
Chloroethane	ND	5.00	5.00	ug/L	1	05/04/20 17:17	EPA 8260D	
Chloroform	ND	0.500	1.00	ug/L	1	05/04/20 17:17	EPA 8260D	
Chloromethane	ND	2.50	5.00	ug/L	1	05/04/20 17:17	EPA 8260D	
2-Chlorotoluene	ND	0.500	1.00	ug/L	1	05/04/20 17:17	EPA 8260D	
4-Chlorotoluene	ND	0.500	1.00	ug/L	1	05/04/20 17:17	EPA 8260D	
Dibromochloromethane	ND	0.500	1.00	ug/L	1	05/04/20 17:17	EPA 8260D	
1,2-Dibromo-3-chloropropane	ND	2.50	5.00	ug/L	1	05/04/20 17:17	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	0.250	0.500	ug/L	1	05/04/20 17:17	EPA 8260D	
Dibromomethane	ND	0.500	1.00	ug/L	1	05/04/20 17:17	EPA 8260D	
1,2-Dichlorobenzene	ND	0.250	0.500	ug/L	1	05/04/20 17:17	EPA 8260D	
1,3-Dichlorobenzene	ND	0.250	0.500	ug/L	1	05/04/20 17:17	EPA 8260D	
1,4-Dichlorobenzene	ND	0.250	0.500	ug/L	1	05/04/20 17:17	EPA 8260D	
Dichlorodifluoromethane	ND	0.500	1.00	ug/L	1	05/04/20 17:17	EPA 8260D	
1,1-Dichloroethane	ND	0.200	0.400	ug/L	1	05/04/20 17:17	EPA 8260D	
1,2-Dichloroethane (EDC)	ND	0.200	0.400	ug/L	1	05/04/20 17:17	EPA 8260D	
1,1-Dichloroethene	ND	0.200	0.400	ug/L	1	05/04/20 17:17	EPA 8260D	
cis-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	05/04/20 17:17	EPA 8260D	
trans-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	05/04/20 17:17	EPA 8260D	
1,2-Dichloropropane	ND	0.250	0.500	ug/L	1	05/04/20 17:17	EPA 8260D	
1,3-Dichloropropane	ND	0.500	1.00	ug/L	1	05/04/20 17:17	EPA 8260D	

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Farallon-Seattle	Project: **6050 E. Marginal Way**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0E0045 - 05 07 20 1401**

ANALYTICAL SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW-22-052020 (A0E0045-08)				**Matrix: Water**		**Batch: 0050070**		
2,2-Dichloropropane	ND	0.500	1.00	ug/L	1	05/04/20 17:17	EPA 8260D	
1,1-Dichloropropene	ND	0.500	1.00	ug/L	1	05/04/20 17:17	EPA 8260D	
cis-1,3-Dichloropropene	ND	1.00	2.00	ug/L	1	05/04/20 17:17	EPA 8260D	
trans-1,3-Dichloropropene	ND	0.500	1.00	ug/L	1	05/04/20 17:17	EPA 8260D	
Hexachlorobutadiene	ND	2.50	5.00	ug/L	1	05/04/20 17:17	EPA 8260D	
Methylene chloride	ND	5.00	10.0	ug/L	1	05/04/20 17:17	EPA 8260D	
1,1,1,2-Tetrachloroethane	ND	0.200	0.400	ug/L	1	05/04/20 17:17	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	0.250	0.500	ug/L	1	05/04/20 17:17	EPA 8260D	
Tetrachloroethene (PCE)	ND	0.200	0.400	ug/L	1	05/04/20 17:17	EPA 8260D	
1,2,3-Trichlorobenzene	ND	1.00	2.00	ug/L	1	05/04/20 17:17	EPA 8260D	
1,2,4-Trichlorobenzene	ND	1.00	2.00	ug/L	1	05/04/20 17:17	EPA 8260D	
1,1,1-Trichloroethane	ND	0.200	0.400	ug/L	1	05/04/20 17:17	EPA 8260D	
1,1,2-Trichloroethane	ND	0.250	0.500	ug/L	1	05/04/20 17:17	EPA 8260D	
Trichloroethene (TCE)	ND	0.200	0.400	ug/L	1	05/04/20 17:17	EPA 8260D	
Trichlorofluoromethane	ND	1.00	2.00	ug/L	1	05/04/20 17:17	EPA 8260D	
1,2,3-Trichloropropane	ND	0.500	1.00	ug/L	1	05/04/20 17:17	EPA 8260D	
Vinyl chloride	ND	0.200	0.400	ug/L	1	05/04/20 17:17	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*104 %*	*Limits:*	*80-120 %*	*1*	*05/04/20 17:17*	*EPA 8260D*
Toluene-d8 (Surr)			*101 %*		*80-120 %*	*1*	*05/04/20 17:17*	*EPA 8260D*
4-Bromofluorobenzene (Surr)			*101 %*		*80-120 %*	*1*	*05/04/20 17:17*	*EPA 8260D*

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QUALITY CONTROL (QC) SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0050206 - EPA 3510C (Fuels/Acid Ext.)									**Water**			
Blank (0050206-BLK1)			Prepared: 05/06/20 11:04		Analyzed: 05/06/20 23:11							
NWTPH-Dx LL												
Diesel	ND	36.4	72.7	ug/L	1	---	---	---	---	---	---	
Oil	ND	72.7	145	ug/L	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)			*Recovery: 85 %*		*Limits: 50-150 %*		*Dilution: 1x*					
LCS (0050206-BS1)			Prepared: 05/06/20 11:04		Analyzed: 05/06/20 23:33							
NWTPH-Dx LL												
Diesel	360	40.0	80.0	ug/L	1	500	---	72	59-115%	---	---	
Surr: o-Terphenyl (Surr)			*Recovery: 98 %*		*Limits: 50-150 %*		*Dilution: 1x*					
LCS Dup (0050206-BSD1)			Prepared: 05/06/20 11:04		Analyzed: 05/06/20 23:56							**Q-19**
NWTPH-Dx LL												
Diesel	361	40.0	80.0	ug/L	1	500	---	72	59-115%	0.1	30%	
Surr: o-Terphenyl (Surr)			*Recovery: 95 %*		*Limits: 50-150 %*		*Dilution: 1x*					

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Farallon-Seattle	Project: **6050 E. Marginal Way**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0E0045 - 05 07 20 1401**

QUALITY CONTROL (QC) SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0050070 - EPA 5030B							**Water**					
Blank (0050070-BLK1)			Prepared: 05/04/20 08:00 Analyzed: 05/04/20 10:28									
EPA 8260D												
Bromobenzene	ND	0.250	0.500	ug/L	1	---	---	---	---	---	---	
Bromochloromethane	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
Bromodichloromethane	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
Bromoform	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
Bromomethane	ND	5.00	5.00	ug/L	1	---	---	---	---	---	---	
Carbon tetrachloride	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
Chlorobenzene	ND	0.250	0.500	ug/L	1	---	---	---	---	---	---	
Chloroethane	ND	5.00	5.00	ug/L	1	---	---	---	---	---	---	
Chloroform	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
Chloromethane	ND	2.50	5.00	ug/L	1	---	---	---	---	---	---	
2-Chlorotoluene	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
4-Chlorotoluene	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
Dibromochloromethane	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
1,2-Dibromo-3-chloropropane	ND	2.50	5.00	ug/L	1	---	---	---	---	---	---	
1,2-Dibromoethane (EDB)	ND	0.250	0.500	ug/L	1	---	---	---	---	---	---	
Dibromomethane	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
1,2-Dichlorobenzene	ND	0.250	0.500	ug/L	1	---	---	---	---	---	---	
1,3-Dichlorobenzene	ND	0.250	0.500	ug/L	1	---	---	---	---	---	---	
1,4-Dichlorobenzene	ND	0.250	0.500	ug/L	1	---	---	---	---	---	---	
Dichlorodifluoromethane	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
1,1-Dichloroethane	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
1,2-Dichloroethane (EDC)	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
1,1-Dichloroethene	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
cis-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
trans-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
1,2-Dichloropropane	ND	0.250	0.500	ug/L	1	---	---	---	---	---	---	
1,3-Dichloropropane	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
2,2-Dichloropropane	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
1,1-Dichloropropene	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
cis-1,3-Dichloropropene	ND	1.00	2.00	ug/L	1	---	---	---	---	---	---	
trans-1,3-Dichloropropene	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
Hexachlorobutadiene	ND	2.50	5.00	ug/L	1	---	---	---	---	---	---	
Methylene chloride	ND	5.00	10.0	ug/L	1	---	---	---	---	---	---	

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QUALITY CONTROL (QC) SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0050070 - EPA 5030B							**Water**					
Blank (0050070-BLK1)			Prepared: 05/04/20 08:00		Analyzed: 05/04/20 10:28							
1,1,1,2-Tetrachloroethane	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
1,1,2,2-Tetrachloroethane	ND	0.250	0.500	ug/L	1	---	---	---	---	---	---	
Tetrachloroethene (PCE)	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
1,2,3-Trichlorobenzene	ND	1.00	2.00	ug/L	1	---	---	---	---	---	---	
1,2,4-Trichlorobenzene	ND	1.00	2.00	ug/L	1	---	---	---	---	---	---	
1,1,1-Trichloroethane	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
1,1,2-Trichloroethane	ND	0.250	0.500	ug/L	1	---	---	---	---	---	---	
Trichloroethene (TCE)	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
Trichlorofluoromethane	ND	1.00	2.00	ug/L	1	---	---	---	---	---	---	
1,2,3-Trichloropropane	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
Vinyl chloride	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery:*	*106 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*101 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*104 %*		*80-120 %*			*"*				
LCS (0050070-BS1)			Prepared: 05/04/20 08:00		Analyzed: 05/04/20 09:30							
EPA 8260D												
Bromobenzene	20.0	0.250	0.500	ug/L	1	20.0	---	100	80-120%	---	---	
Bromochloromethane	19.8	0.500	1.00	ug/L	1	20.0	---	99	80-120%	---	---	
Bromodichloromethane	22.8	0.500	1.00	ug/L	1	20.0	---	114	80-120%	---	---	
Bromoform	20.3	0.500	1.00	ug/L	1	20.0	---	101	80-120%	---	---	
Bromomethane	18.5	5.00	5.00	ug/L	1	20.0	---	92	80-120%	---	---	
Carbon tetrachloride	23.9	0.500	1.00	ug/L	1	20.0	---	120	80-120%	---	---	
Chlorobenzene	20.2	0.250	0.500	ug/L	1	20.0	---	101	80-120%	---	---	
Chloroethane	17.6	5.00	5.00	ug/L	1	20.0	---	88	80-120%	---	---	
Chloroform	20.4	0.500	1.00	ug/L	1	20.0	---	102	80-120%	---	---	
Chloromethane	19.5	2.50	5.00	ug/L	1	20.0	---	98	80-120%	---	---	
2-Chlorotoluene	20.8	0.500	1.00	ug/L	1	20.0	---	104	80-120%	---	---	
4-Chlorotoluene	21.3	0.500	1.00	ug/L	1	20.0	---	106	80-120%	---	---	
Dibromochloromethane	20.9	0.500	1.00	ug/L	1	20.0	---	104	80-120%	---	---	
1,2-Dibromo-3-chloropropane	20.9	2.50	5.00	ug/L	1	20.0	---	105	80-120%	---	---	
1,2-Dibromoethane (EDB)	22.1	0.250	0.500	ug/L	1	20.0	---	111	80-120%	---	---	
Dibromomethane	20.9	0.500	1.00	ug/L	1	20.0	---	104	80-120%	---	---	
1,2-Dichlorobenzene	21.7	0.250	0.500	ug/L	1	20.0	---	108	80-120%	---	---	

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Philip Nerenberg, Lab Director

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

Farallon-Seattle	Project: **6050 E. Marginal Way**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0E0045 - 05 07 20 1401**

QUALITY CONTROL (QC) SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0050070 - EPA 5030B							**Water**					
LCS (0050070-BS1)			Prepared: 05/04/20 08:00 Analyzed: 05/04/20 09:30									
1,3-Dichlorobenzene	21.5	0.250	0.500	ug/L	1	20.0	---	107	80-120%	---	---	
1,4-Dichlorobenzene	19.4	0.250	0.500	ug/L	1	20.0	---	97	80-120%	---	---	
Dichlorodifluoromethane	17.7	0.500	1.00	ug/L	1	20.0	---	89	80-120%	---	---	
1,1-Dichloroethane	20.7	0.200	0.400	ug/L	1	20.0	---	103	80-120%	---	---	
1,2-Dichloroethane (EDC)	20.6	0.200	0.400	ug/L	1	20.0	---	103	80-120%	---	---	
1,1-Dichloroethene	20.5	0.200	0.400	ug/L	1	20.0	---	102	80-120%	---	---	
cis-1,2-Dichloroethene	21.2	0.200	0.400	ug/L	1	20.0	---	106	80-120%	---	---	
trans-1,2-Dichloroethene	20.2	0.200	0.400	ug/L	1	20.0	---	101	80-120%	---	---	
1,2-Dichloropropane	20.9	0.250	0.500	ug/L	1	20.0	---	105	80-120%	---	---	
1,3-Dichloropropane	21.2	0.500	1.00	ug/L	1	20.0	---	106	80-120%	---	---	
2,2-Dichloropropane	27.5	0.500	1.00	ug/L	1	20.0	---	**138**	**80-120%**	---	---	Q-56
1,1-Dichloropropene	22.4	0.500	1.00	ug/L	1	20.0	---	112	80-120%	---	---	
cis-1,3-Dichloropropene	20.9	1.00	2.00	ug/L	1	20.0	---	104	80-120%	---	---	
trans-1,3-Dichloropropene	21.7	0.500	1.00	ug/L	1	20.0	---	109	80-120%	---	---	
Hexachlorobutadiene	21.8	2.50	5.00	ug/L	1	20.0	---	109	80-120%	---	---	
Methylene chloride	19.8	5.00	10.0	ug/L	1	20.0	---	99	80-120%	---	---	
1,1,1,2-Tetrachloroethane	22.5	0.200	0.400	ug/L	1	20.0	---	112	80-120%	---	---	
1,1,2,2-Tetrachloroethane	21.8	0.250	0.500	ug/L	1	20.0	---	109	80-120%	---	---	
Tetrachloroethene (PCE)	21.2	0.200	0.400	ug/L	1	20.0	---	106	80-120%	---	---	
1,2,3-Trichlorobenzene	22.9	1.00	2.00	ug/L	1	20.0	---	114	80-120%	---	---	
1,2,4-Trichlorobenzene	21.0	1.00	2.00	ug/L	1	20.0	---	105	80-120%	---	---	
1,1,1-Trichloroethane	21.7	0.200	0.400	ug/L	1	20.0	---	109	80-120%	---	---	
1,1,2-Trichloroethane	21.0	0.250	0.500	ug/L	1	20.0	---	105	80-120%	---	---	
Trichloroethene (TCE)	18.8	0.200	0.400	ug/L	1	20.0	---	94	80-120%	---	---	
Trichlorofluoromethane	18.7	1.00	2.00	ug/L	1	20.0	---	94	80-120%	---	---	
1,2,3-Trichloropropane	20.7	0.500	1.00	ug/L	1	20.0	---	104	80-120%	---	---	
Vinyl chloride	18.7	0.200	0.400	ug/L	1	20.0	---	94	80-120%	---	---	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 98 %*		*Limits: 80-120 %*			*Dilution: 1x*				
Toluene-d8 (Surr)			*99 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*96 %*		*80-120 %*			*"*				
Duplicate (0050070-DUP1)			Prepared: 05/04/20 09:27 Analyzed: 05/04/20 17:44									

QC Source Sample: MW-22-052020 (A0E0045-08)

EPA 8260D

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Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
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Farallon-Seattle	Project: **6050 E. Marginal Way**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0E0045 - 05 07 20 1401**

QUALITY CONTROL (QC) SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0050070 - EPA 5030B							**Water**					
Duplicate (0050070-DUP1)			Prepared: 05/04/20 09:27 Analyzed: 05/04/20 17:44									
QC Source Sample: MW-22-052020 (A0E0045-08)												
Bromobenzene	ND	0.250	0.500	ug/L	1	---	ND	---	---	---	30%	
Bromochloromethane	ND	0.500	1.00	ug/L	1	---	ND	---	---	---	30%	
Bromodichloromethane	ND	0.500	1.00	ug/L	1	---	ND	---	---	---	30%	
Bromoform	ND	0.500	1.00	ug/L	1	---	ND	---	---	---	30%	
Bromomethane	ND	5.00	5.00	ug/L	1	---	ND	---	---	---	30%	
Carbon tetrachloride	ND	0.500	1.00	ug/L	1	---	ND	---	---	---	30%	
Chlorobenzene	ND	0.250	0.500	ug/L	1	---	ND	---	---	---	30%	
Chloroethane	ND	5.00	5.00	ug/L	1	---	ND	---	---	---	30%	
Chloroform	ND	0.500	1.00	ug/L	1	---	ND	---	---	---	30%	
Chloromethane	ND	2.50	5.00	ug/L	1	---	ND	---	---	---	30%	
2-Chlorotoluene	ND	0.500	1.00	ug/L	1	---	ND	---	---	---	30%	
4-Chlorotoluene	ND	0.500	1.00	ug/L	1	---	ND	---	---	---	30%	
Dibromochloromethane	ND	0.500	1.00	ug/L	1	---	ND	---	---	---	30%	
1,2-Dibromo-3-chloropropane	ND	2.50	5.00	ug/L	1	---	ND	---	---	---	30%	
1,2-Dibromoethane (EDB)	ND	0.250	0.500	ug/L	1	---	ND	---	---	---	30%	
Dibromomethane	ND	0.500	1.00	ug/L	1	---	ND	---	---	---	30%	
1,2-Dichlorobenzene	ND	0.250	0.500	ug/L	1	---	ND	---	---	---	30%	
1,3-Dichlorobenzene	ND	0.250	0.500	ug/L	1	---	ND	---	---	---	30%	
1,4-Dichlorobenzene	ND	0.250	0.500	ug/L	1	---	ND	---	---	---	30%	
Dichlorodifluoromethane	ND	0.500	1.00	ug/L	1	---	ND	---	---	---	30%	
1,1-Dichloroethane	ND	0.200	0.400	ug/L	1	---	ND	---	---	---	30%	
1,2-Dichloroethane (EDC)	ND	0.200	0.400	ug/L	1	---	ND	---	---	---	30%	
1,1-Dichloroethene	ND	0.200	0.400	ug/L	1	---	ND	---	---	---	30%	
cis-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	---	ND	---	---	---	30%	
trans-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	---	ND	---	---	---	30%	
1,2-Dichloropropane	ND	0.250	0.500	ug/L	1	---	ND	---	---	---	30%	
1,3-Dichloropropane	ND	0.500	1.00	ug/L	1	---	ND	---	---	---	30%	
2,2-Dichloropropane	ND	0.500	1.00	ug/L	1	---	ND	---	---	---	30%	
1,1-Dichloropropene	ND	0.500	1.00	ug/L	1	---	ND	---	---	---	30%	
cis-1,3-Dichloropropene	ND	1.00	2.00	ug/L	1	---	ND	---	---	---	30%	
trans-1,3-Dichloropropene	ND	0.500	1.00	ug/L	1	---	ND	---	---	---	30%	
Hexachlorobutadiene	ND	2.50	5.00	ug/L	1	---	ND	---	---	---	30%	
Methylene chloride	ND	5.00	10.0	ug/L	1	---	ND	---	---	---	30%	

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Tigard, OR 97223
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Farallon-Seattle	Project: **6050 E. Marginal Way**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0E0045 - 05 07 20 1401**

QUALITY CONTROL (QC) SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0050070 - EPA 5030B							**Water**					
Duplicate (0050070-DUP1)			Prepared: 05/04/20 09:27 Analyzed: 05/04/20 17:44									
QC Source Sample: MW-22-052020 (A0E0045-08)												
1,1,1,2-Tetrachloroethane	ND	0.200	0.400	ug/L	1	---	ND	---	---	---	30%	
1,1,2,2-Tetrachloroethane	ND	0.250	0.500	ug/L	1	---	ND	---	---	---	30%	
Tetrachloroethene (PCE)	ND	0.200	0.400	ug/L	1	---	ND	---	---	---	30%	
1,2,3-Trichlorobenzene	ND	1.00	2.00	ug/L	1	---	ND	---	---	---	30%	
1,2,4-Trichlorobenzene	ND	1.00	2.00	ug/L	1	---	ND	---	---	---	30%	
1,1,1-Trichloroethane	ND	0.200	0.400	ug/L	1	---	ND	---	---	---	30%	
1,1,2-Trichloroethane	ND	0.250	0.500	ug/L	1	---	ND	---	---	---	30%	
Trichloroethene (TCE)	ND	0.200	0.400	ug/L	1	---	ND	---	---	---	30%	
Trichlorofluoromethane	ND	1.00	2.00	ug/L	1	---	ND	---	---	---	30%	
1,2,3-Trichloropropane	ND	0.500	1.00	ug/L	1	---	ND	---	---	---	30%	
Vinyl chloride	ND	0.200	0.400	ug/L	1	---	ND	---	---	---	30%	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 104 %*		*Limits: 80-120 %*				*Dilution: 1x*			
Toluene-d8 (Surr)			*102 %*		*80-120 %*				*"*			
4-Bromofluorobenzene (Surr)			*102 %*		*80-120 %*				*"*			
Matrix Spike (0050070-MS1)			Prepared: 05/04/20 09:27 Analyzed: 05/04/20 14:07									
QC Source Sample: Non-SDG (A0D0797-07RE1)												
EPA 8260D												
Bromobenzene	19.6	0.250	0.500	ug/L	1	20.0	ND	98	80-120%	---	---	
Bromochloromethane	19.2	0.500	1.00	ug/L	1	20.0	ND	96	78-123%	---	---	
Bromodichloromethane	22.3	0.500	1.00	ug/L	1	20.0	ND	111	79-125%	---	---	
Bromoform	19.6	0.500	1.00	ug/L	1	20.0	ND	98	66-130%	---	---	
Bromomethane	13.3	5.00	5.00	ug/L	1	20.0	ND	66	53-141%	---	---	
Carbon tetrachloride	24.3	0.500	1.00	ug/L	1	20.0	ND	122	72-136%	---	---	
Chlorobenzene	19.9	0.250	0.500	ug/L	1	20.0	ND	100	80-120%	---	---	
Chloroethane	54100	5.00	5.00	ug/L	1	20.0	126000	**-362000**	**60-138%**	---	---	E, Q-03
Chloroform	20.5	0.500	1.00	ug/L	1	20.0	ND	103	79-124%	---	---	
Chloromethane	25.0	2.50	5.00	ug/L	1	20.0	ND	125	50-139%	---	---	
2-Chlorotoluene	20.4	0.500	1.00	ug/L	1	20.0	ND	102	79-122%	---	---	
4-Chlorotoluene	20.5	0.500	1.00	ug/L	1	20.0	ND	103	78-122%	---	---	
Dibromochloromethane	20.2	0.500	1.00	ug/L	1	20.0	ND	101	74-126%	---	---	
1,2-Dibromo-3-chloropropane	22.8	2.50	5.00	ug/L	1	20.0	ND	114	62-128%	---	---	
1,2-Dibromoethane (EDB)	21.0	0.250	0.500	ug/L	1	20.0	ND	105	77-121%	---	---	

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Farallon-Seattle	Project: **6050 E. Marginal Way**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0E0045 - 05 07 20 1401**

QUALITY CONTROL (QC) SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0050070 - EPA 5030B							**Water**					
Matrix Spike (0050070-MS1)			Prepared: 05/04/20 09:27		Analyzed: 05/04/20 14:07							
QC Source Sample: Non-SDG (A0D0797-07RE1)												
Dibromomethane	19.6	0.500	1.00	ug/L	1	20.0	ND	98	79-123%	---	---	
1,2-Dichlorobenzene	21.0	0.250	0.500	ug/L	1	20.0	ND	105	80-120%	---	---	
1,3-Dichlorobenzene	20.8	0.250	0.500	ug/L	1	20.0	ND	104	80-120%	---	---	
1,4-Dichlorobenzene	18.8	0.250	0.500	ug/L	1	20.0	ND	94	79-120%	---	---	
Dichlorodifluoromethane	18.4	0.500	1.00	ug/L	1	20.0	ND	92	32-152%	---	---	
1,1-Dichloroethane	177	0.200	0.400	ug/L	1	20.0	192	**-75**	**77-125%**	---	---	Q-01
1,2-Dichloroethane (EDC)	19.7	0.200	0.400	ug/L	1	20.0	ND	99	73-128%	---	---	
1,1-Dichloroethene	100	0.200	0.400	ug/L	1	20.0	89.6	**54**	**71-131%**	---	---	Q-01
cis-1,2-Dichloroethene	56.6	0.200	0.400	ug/L	1	20.0	36.9	98	78-123%	---	---	
trans-1,2-Dichloroethene	20.9	0.200	0.400	ug/L	1	20.0	0.220	104	75-124%	---	---	
1,2-Dichloropropane	20.4	0.250	0.500	ug/L	1	20.0	ND	102	78-122%	---	---	
1,3-Dichloropropane	20.4	0.500	1.00	ug/L	1	20.0	ND	102	80-120%	---	---	
2,2-Dichloropropane	25.9	0.500	1.00	ug/L	1	20.0	ND	130	60-139%	---	---	Q-54
1,1-Dichloropropene	22.8	0.500	1.00	ug/L	1	20.0	ND	114	79-125%	---	---	
cis-1,3-Dichloropropene	18.8	1.00	2.00	ug/L	1	20.0	ND	94	75-124%	---	---	
trans-1,3-Dichloropropene	20.4	0.500	1.00	ug/L	1	20.0	ND	102	73-127%	---	---	
Hexachlorobutadiene	17.0	2.50	5.00	ug/L	1	20.0	ND	85	66-134%	---	---	
Methylene chloride	26.3	5.00	10.0	ug/L	1	20.0	8.98	87	74-124%	---	---	
1,1,1,2-Tetrachloroethane	21.9	0.200	0.400	ug/L	1	20.0	ND	110	78-124%	---	---	
1,1,2,2-Tetrachloroethane	22.8	0.250	0.500	ug/L	1	20.0	ND	114	71-121%	---	---	
Tetrachloroethene (PCE)	24.3	0.200	0.400	ug/L	1	20.0	3.29	105	74-129%	---	---	
1,2,3-Trichlorobenzene	22.0	1.00	2.00	ug/L	1	20.0	ND	110	69-129%	---	---	
1,2,4-Trichlorobenzene	21.1	1.00	2.00	ug/L	1	20.0	ND	106	69-130%	---	---	
1,1,1-Trichloroethane	28.7	0.200	0.400	ug/L	1	20.0	6.93	109	74-131%	---	---	
1,1,2-Trichloroethane	20.0	0.250	0.500	ug/L	1	20.0	ND	100	80-120%	---	---	
Trichloroethene (TCE)	22.9	0.200	0.400	ug/L	1	20.0	5.29	88	79-123%	---	---	
Trichlorofluoromethane	36.0	1.00	2.00	ug/L	1	20.0	ND	84	65-141%	---	---	
1,2,3-Trichloropropane	19.7	0.500	1.00	ug/L	1	20.0	ND	98	73-122%	---	---	
Vinyl chloride	56.6	0.200	0.400	ug/L	1	20.0	40.5	81	58-137%	---	---	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 98 %*		*Limits: 80-120 %*			*Dilution: 1x*				
Toluene-d8 (Surr)			*97 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*98 %*		*80-120 %*			*"*				

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QUALITY CONTROL (QC) SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0050070 - EPA 5030B							**Water**					
Matrix Spike Dup (0050070-MSD1)			Prepared: 05/04/20 09:27		Analyzed: 05/04/20 14:34							
QC Source Sample: Non-SDG (A0D0797-07RE1)												
Bromobenzene	20.4	0.250	0.500	ug/L	1	20.0	ND	102	80-120%	4	30%	
Bromochloromethane	20.2	0.500	1.00	ug/L	1	20.0	ND	101	78-123%	5	30%	
Bromodichloromethane	23.3	0.500	1.00	ug/L	1	20.0	ND	116	79-125%	5	30%	
Bromoform	20.3	0.500	1.00	ug/L	1	20.0	ND	102	66-130%	4	30%	
Bromomethane	11.8	5.00	5.00	ug/L	1	20.0	ND	59	53-141%	11	30%	
Carbon tetrachloride	25.5	0.500	1.00	ug/L	1	20.0	ND	127	72-136%	5	30%	
Chlorobenzene	20.8	0.250	0.500	ug/L	1	20.0	ND	104	80-120%	4	30%	
Chloroethane	54100	5.00	5.00	ug/L	1	20.0	126000	**-362000**	**60-138%**	0	30%	E, Q-03
Chloroform	21.2	0.500	1.00	ug/L	1	20.0	ND	106	79-124%	3	30%	
Chloromethane	28.2	2.50	5.00	ug/L	1	20.0	ND	**141**	**50-139%**	12	30%	Q-01
2-Chlorotoluene	21.4	0.500	1.00	ug/L	1	20.0	ND	107	79-122%	5	30%	
4-Chlorotoluene	21.9	0.500	1.00	ug/L	1	20.0	ND	109	78-122%	6	30%	
Dibromochloromethane	20.6	0.500	1.00	ug/L	1	20.0	ND	103	74-126%	2	30%	
1,2-Dibromo-3-chloropropane	24.6	2.50	5.00	ug/L	1	20.0	ND	123	62-128%	8	30%	
1,2-Dibromoethane (EDB)	22.4	0.250	0.500	ug/L	1	20.0	ND	112	77-121%	6	30%	
Dibromomethane	20.4	0.500	1.00	ug/L	1	20.0	ND	102	79-123%	4	30%	
1,2-Dichlorobenzene	22.2	0.250	0.500	ug/L	1	20.0	ND	111	80-120%	5	30%	
1,3-Dichlorobenzene	21.7	0.250	0.500	ug/L	1	20.0	ND	108	80-120%	4	30%	
1,4-Dichlorobenzene	19.8	0.250	0.500	ug/L	1	20.0	ND	99	79-120%	5	30%	
Dichlorodifluoromethane	19.1	0.500	1.00	ug/L	1	20.0	ND	96	32-152%	4	30%	
1,1-Dichloroethane	206	0.200	0.400	ug/L	1	20.0	192	**68**	**77-125%**	15	30%	Q-01
1,2-Dichloroethane (EDC)	20.8	0.200	0.400	ug/L	1	20.0	ND	104	73-128%	6	30%	
1,1-Dichloroethene	106	0.200	0.400	ug/L	1	20.0	89.6	84	71-131%	6	30%	
cis-1,2-Dichloroethene	59.1	0.200	0.400	ug/L	1	20.0	36.9	111	78-123%	4	30%	
trans-1,2-Dichloroethene	22.2	0.200	0.400	ug/L	1	20.0	0.220	110	75-124%	6	30%	
1,2-Dichloropropane	21.5	0.250	0.500	ug/L	1	20.0	ND	108	78-122%	5	30%	
1,3-Dichloropropane	21.4	0.500	1.00	ug/L	1	20.0	ND	107	80-120%	5	30%	
2,2-Dichloropropane	26.4	0.500	1.00	ug/L	1	20.0	ND	132	60-139%	2	30%	Q-54
1,1-Dichloropropene	24.1	0.500	1.00	ug/L	1	20.0	ND	121	79-125%	6	30%	
cis-1,3-Dichloropropene	20.3	1.00	2.00	ug/L	1	20.0	ND	101	75-124%	7	30%	
trans-1,3-Dichloropropene	21.5	0.500	1.00	ug/L	1	20.0	ND	107	73-127%	5	30%	
Hexachlorobutadiene	18.4	2.50	5.00	ug/L	1	20.0	ND	92	66-134%	8	30%	
Methylene chloride	27.7	5.00	10.0	ug/L	1	20.0	8.98	93	74-124%	5	30%	

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Philip Nerenberg, Lab Director

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
EPA ID: OR01039

Farallon-Seattle	Project: **6050 E. Marginal Way**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0E0045 - 05 07 20 1401**

QUALITY CONTROL (QC) SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0050070 - EPA 5030B							**Water**					
Matrix Spike Dup (0050070-MSD1)			Prepared: 05/04/20 09:27		Analyzed: 05/04/20 14:34							
QC Source Sample: Non-SDG (A0D0797-07RE1)												
1,1,1,2-Tetrachloroethane	22.8	0.200	0.400	ug/L	1	20.0	ND	114	78-124%	4	30%	
1,1,2,2-Tetrachloroethane	24.1	0.250	0.500	ug/L	1	20.0	ND	120	71-121%	5	30%	
Tetrachloroethene (PCE)	25.0	0.200	0.400	ug/L	1	20.0	3.29	108	74-129%	3	30%	
1,2,3-Trichlorobenzene	23.2	1.00	2.00	ug/L	1	20.0	ND	116	69-129%	5	30%	
1,2,4-Trichlorobenzene	22.6	1.00	2.00	ug/L	1	20.0	ND	113	69-130%	6	30%	
1,1,1-Trichloroethane	30.4	0.200	0.400	ug/L	1	20.0	6.93	117	74-131%	6	30%	
1,1,2-Trichloroethane	21.0	0.250	0.500	ug/L	1	20.0	ND	105	80-120%	5	30%	
Trichloroethene (TCE)	24.0	0.200	0.400	ug/L	1	20.0	5.29	94	79-123%	5	30%	
Trichlorofluoromethane	35.8	1.00	2.00	ug/L	1	20.0	ND	84	65-141%	0.3	30%	
1,2,3-Trichloropropane	20.3	0.500	1.00	ug/L	1	20.0	ND	102	73-122%	3	30%	
Vinyl chloride	59.7	0.200	0.400	ug/L	1	20.0	40.5	96	58-137%	5	30%	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 98 %*		*Limits: 80-120 %*			*Dilution: 1x*				
Toluene-d8 (Surr)			*97 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*98 %*		*80-120 %*			*"*				

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Farallon-Seattle	Project: **6050 E. Marginal Way**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0E0045 - 05 07 20 1401**

SAMPLE PREPARATION INFORMATION

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Prep: EPA 3510C (Fuels/Acid Ext.)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 0050206							
A0E0045-01	Water	NWTPH-Dx LL	04/30/20 11:00	05/06/20 13:26	1050mL/2mL	1000mL/2mL	0.95
A0E0045-02	Water	NWTPH-Dx LL	04/30/20 12:30	05/06/20 13:26	1060mL/2mL	1000mL/2mL	0.94
A0E0045-03	Water	NWTPH-Dx LL	04/30/20 13:40	05/06/20 13:26	1070mL/2mL	1000mL/2mL	0.94
A0E0045-04	Water	NWTPH-Dx LL	04/30/20 15:40	05/06/20 13:26	1060mL/2mL	1000mL/2mL	0.94
A0E0045-05	Water	NWTPH-Dx LL	04/30/20 16:50	05/06/20 13:26	1060mL/2mL	1000mL/2mL	0.94
A0E0045-06	Water	NWTPH-Dx LL	05/01/20 09:00	05/06/20 13:26	1060mL/2mL	1000mL/2mL	0.94
A0E0045-07	Water	NWTPH-Dx LL	05/01/20 10:20	05/06/20 13:26	1070mL/2mL	1000mL/2mL	0.94
A0E0045-08	Water	NWTPH-Dx LL	05/01/20 11:45	05/06/20 13:26	1070mL/2mL	1000mL/2mL	0.94

Halogenated Volatile Organic Compounds by EPA 8260D

Prep: EPA 5030B

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 0050070							
A0E0045-01	Water	EPA 8260D	04/30/20 11:00	05/02/20 09:27	5mL/5mL	5mL/5mL	1.00
A0E0045-02	Water	EPA 8260D	04/30/20 12:30	05/02/20 09:27	5mL/5mL	5mL/5mL	1.00
A0E0045-03	Water	EPA 8260D	04/30/20 13:40	05/02/20 09:27	5mL/5mL	5mL/5mL	1.00
A0E0045-04	Water	EPA 8260D	04/30/20 15:40	05/02/20 09:27	5mL/5mL	5mL/5mL	1.00
A0E0045-05	Water	EPA 8260D	04/30/20 16:50	05/02/20 09:27	5mL/5mL	5mL/5mL	1.00
A0E0045-06	Water	EPA 8260D	05/01/20 09:00	05/02/20 09:27	5mL/5mL	5mL/5mL	1.00
A0E0045-07	Water	EPA 8260D	05/01/20 10:20	05/02/20 09:27	5mL/5mL	5mL/5mL	1.00
A0E0045-08	Water	EPA 8260D	05/01/20 11:45	05/02/20 09:27	5mL/5mL	5mL/5mL	1.00

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Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0E0045 - 05 07 20 1401**

QUALIFIER DEFINITIONS

Client Sample and Quality Control (QC) Sample Qualifier Definitions:

Apex Laboratories

E	Estimated Value. The result is above the calibration range of the instrument.
F-11	The hydrocarbon pattern indicates possible weathered diesel, mineral oil, or a contribution from a related component.
J	Estimated Result. Result detected below the lowest point of the calibration curve, but above the specified MDL.
Q-01	Spike recovery and/or RPD is outside acceptance limits.
Q-03	Spike recovery and/or RPD is outside control limits due to the high concentration of analyte present in the sample.
Q-19	Blank Spike Duplicate (BSD) sample analyzed in place of Matrix Spike/Duplicate samples due to limited sample amount available for analysis.
Q-54	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260C/8270D by +18%. The results are reported as Estimated Values.
Q-56	Daily CCV/LCS recovery for this analyte was above the +/-20% criteria listed in EPA 8260C

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REPORTING NOTES AND CONVENTIONS:

Abbreviations:

DET Analyte DETECTED at or above the detection or reporting limit.

ND Analyte NOT DETECTED at or above the detection or reporting limit.

NR Result Not Reported

RPD Relative Percent Difference. RPDs for Matrix Spikes and Matrix Spike Duplicates are based on concentration, not recovery.

Detection Limits: Limit of Detection (LOD)

Limits of Detection (LODs) are normally set at a level of one half the validated Limit of Quantitation (LOQ).
If no value is listed ('-----'), then the data has not been evaluated below the Reporting Limit.

Reporting Limits: Limit of Quantitation (LOQ)

Validated Limits of Quantitation (LOQs) are reported as the Reporting Limits for all analyses where the LOQ, MRL, PQL or CRL are requested. The LOQ represents a level at or above the low point of the calibration curve, that has been validated according to Apex Laboratories' comprehensive LOQ policies and procedures.

Reporting Conventions:

Basis: Results for soil samples are generally reported on a 100% dry weight basis.
The Result Basis is listed following the units as " dry", " wet", or " " (blank) designation.

" dry" Sample results and Reporting Limits are reported on a dry weight basis. (i.e. "ug/kg dry")
See Percent Solids section for details of dry weight analysis.

" wet" Sample results and Reporting Limits for this analysis are normally dry weight corrected, but have not been modified in this case.

" " Results without 'wet' or 'dry' designation are not normally dry weight corrected. These results are considered 'As Received'.

QC Source:

In cases where there is insufficient sample provided for Sample Duplicates and/or Matrix Spikes, a Lab Control Sample Duplicate (LCS Dup) may be analyzed to demonstrate accuracy and precision of the extraction batch.

Non-Client Batch QC Samples (Duplicates and Matrix Spike/Duplicates) may not be included in this report. Please request a Full QC report if this data is required.

Miscellaneous Notes:

" --- " QC results are not applicable. For example, % Recoveries for Blanks and Duplicates, % RPD for Blanks, Blank Spikes and Matrix Spikes, etc.

" *** " Used to indicate a possible discrepancy with the Sample and Sample Duplicate results when the %RPD is not available. In this case, either the Sample or the Sample Duplicate has a reportable result for this analyte, while the other is Non Detect (ND).

Blanks:

Standard practice is to evaluate the results from Blank QC Samples down to a level equal to ½ the Reporting Limit (RL).
-For Blank hits falling between ½ the RL and the RL (J flagged hits), the associated sample and QC data will receive a 'B-02' qualifier.
-For Blank hits above the RL, the associated sample and QC data will receive a 'B' qualifier, per Apex Laboratories' Blank Policy.
For further details, please request a copy of this document.

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REPORTING NOTES AND CONVENTIONS (Cont.):

Blanks (Cont.):

Sample results flagged with a 'B' or 'B-02' qualifier are potentially biased high if the sample results are less than ten times the level found in the blank for inorganic analyses, or less than five times the level found in the blank for organic analyses.

'B' and 'B-02' qualifications are only applied to sample results detected above the Reporting Level.

Preparation Notes:

Mixed Matrix Samples:

Water Samples:

Water samples containing significant amounts of sediment are decanted or separated prior to extraction, and only the water portion analyzed, unless otherwise directed by the client.

Soil and Sediment Samples:

Soil and Sediment samples containing significant amounts of water are decanted prior to extraction, and only the solid portion analyzed, unless otherwise directed by the client.

Sampling and Preservation Notes:

Certain regulatory programs, such as National Pollutant Discharge Elimination System (NPDES), require that activities such as sample filtration (for dissolved metals, orthophosphate, hexavalent chromium, etc.) and testing of short hold analytes (pH, Dissolved Oxygen, etc.) be performed in the field (on-site) within a short time window. In addition, sample matrix spikes are required for some analyses, and sufficient volume must be provided, and billable site specific QC requested, if this is required. All regulatory permits should be reviewed to ensure that these requirements are being met.

Data users should be aware of which regulations pertain to the samples they submit for testing. If related sample collection activities are not approved for a particular regulatory program, results should be considered estimates. Apex Laboratories will qualify these analytes according to the most stringent requirements, however results for samples that are for non-regulatory purposes may be acceptable.

Samples that have been filtered and preserved at Apex Laboratories per client request are listed in the preparation section of the report with the date and time of filtration listed.

Apex Laboratories maintains detailed records on sample receipt, including client label verification, cooler temperature, sample preservation, hold time compliance and field filtration. Data is qualified as necessary, and the lack of qualification indicates compliance with required parameters.

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Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0E0045 - 05 07 20 1401**

LABORATORY ACCREDITATION INFORMATION

TNI Certification ID: OR100062 (Primary Accreditation) - EPA ID: OR01039

All methods and analytes reported from work performed at Apex Laboratories are included on Apex Laboratories' ORELAP Scope of Certification, with the exception of any analyte(s) listed below:

Apex Laboratories

Matrix	Analysis	TNI_ID	Analyte	TNI_ID	Accreditation

All reported analytes are included in Apex Laboratories' current ORELAP scope.

Secondary Accreditations

Apex Laboratories also maintains reciprocal accreditation with non-TNI states (Washington DOE), as well as other state specific accreditations not listed here.

Subcontract Laboratory Accreditations

Subcontracted data falls outside of Apex Laboratories' Scope of Accreditation.
Please see the Subcontract Laboratory report for full details, or contact your Project Manager for more information.

Field Testing Parameters

Results for Field Tested data are provded by the client or sampler, and fall outside of Apex Laboratories' Scope of Accreditation.

Apex Laboratories

Philip Nerenberg, Lab Director

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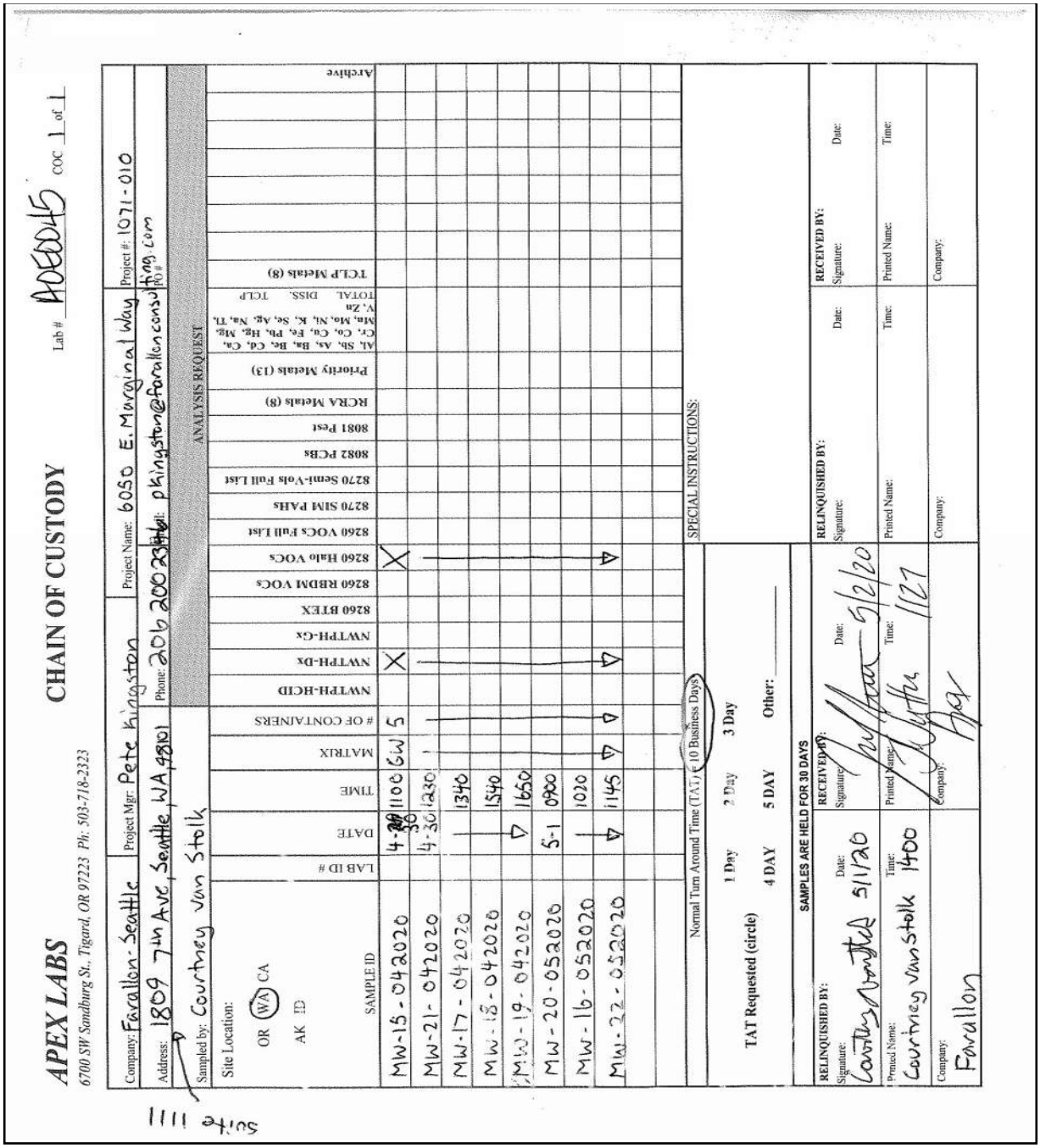

APEX LABS — CHAIN OF CUSTODY — Lab # A0E0045 — COC 1 of 1

6700 SW Sandburg St., Tigard, OR 97223 Ph: 503-718-2323

Company: Farallon-Seattle | Project Mgr: Pete Kingston | Project Name: 6050 E. Marginal Way | Project #: 1071-010

Address: 1809 7th Ave, Seattle, WA 98101 | Phone: 206 200 2388 | Email: pkingston@farallonconsulting.com | PO #:

Sampled by: Courtney Van Stolk

Site Location: OR (WA) CA AK ID

SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	8260 BTEX	8260 RBDM VOCs	8260 Halo VOCs	8260 VOCs Full List	8270 SIM PAHs	8270 Semi-Vols Full List	8082 PCBs	8081 Pest	RCRA Metals (8)	Priority Metals (13)	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn TOTAL DISS. TCLP	TCLP Metals (8)	Archive
MW-15-042020		4-30	1100	GW	5		X				X									
MW-21-042020		4-30	1230																	
MW-17-042020			1340																	
MW-18-042020			1540																	
MW-19-042020			1650																	
MW-20-052020		5-1	0900																	
MW-16-052020			1020																	
MW-22-052020			1145																	

SPECIAL INSTRUCTIONS:

Normal Turn Around Time (TAT) (10 Business Days)

TAT Requested (circle): 1 Day 2 Day 3 Day 4 DAY 5 DAY Other: _____

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY: Signature: Courtney Van Stolk Date: 5/1/20 Time: 1400 Printed Name: Courtney Van Stolk Company: Farallon

RECEIVED BY: Signature: Date: Time: Printed Name: Company:

RELINQUISHED BY: Signature: Date: 5/2/20 Time: 1127 Printed Name: Company:

RECEIVED BY: Signature: Date: Time: Printed Name: Company:

Suite 1111

Apex Laboratories

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1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0E0045 - 05 07 20 1401**

OK 5/4/20

Seattle

APEX LABS COOLER RECEIPT FORM

Client: Farallon ~~-Seattle -Issaquah~~ Element WO#: A0 E0045

Project/Project #: 6050 E. Marginal Way 1071-010

Delivery Info:

Date/time received: 5/2/20 @ 1127 By: JS

Delivered by: Apex___ Client___ ESS___ FedEx X UPS___ Swift___ Senvoy___ SDS___ Other___

Cooler Inspection Date/time inspected: 5/2/20 @ 1127 By: JS

Chain of Custody included? Yes X No___ Custody seals? Yes X No___

Signed/dated by client? Yes X No___

Signed/dated by Apex? Yes X No___

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (°C)	2.4	2.7					
Received on ice? (Y/N)	Y	Y					
Temp. blanks? (Y/N)	N	N					
Ice type: (Gel/Real/Other)	Real	Real					
Condition:	good	good					

Cooler out of temp? (Y/N) Possible reason why:

If some coolers are in temp and some out, were green dots applied to out of temperature samples? Yes/No (NA)

Out of temperature samples form initiated? Yes/No (NA)

Samples Inspection: Date/time inspected: 5/4/20 @ 1025 By: JS

All samples intact? Yes X No___ Comments:

Bottle labels/COCs agree? Yes X No___ Comments: 1/2 Ambers for MW-22-052020 missing T

COC/container discrepancies form initiated? Yes___ No___ NA X

Containers/volumes received appropriate for analysis? Yes X No___ Comments:

Do VOA vials have visible headspace? Yes___ No X NA___

Comments

Water samples: pH checked: Yes X No___ NA___ pH appropriate? Yes X No___ NA___

Comments:

Additional information: ~~A~~ 8479736 2767

Labeled by: JS Witness: i KDS Cooler Inspected by: JS See Project Contact Form: Y

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Philip Nerenberg, Lab Director

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

Wednesday, November 18, 2020

Pete Kingston
Farallon-Seattle
1809 7th Ave Suite 1111
Seattle, WA 98101

RE: A0K0264 - 6050 E. Marginal Way - 1071-010

Thank you for using Apex Laboratories. We greatly appreciate your business and strive to provide the highest quality services to the environmental industry.

Enclosed are the results of analyses for work order A0K0264, which was received by the laboratory on 11/5/2020 at 10:55:00AM.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: pnerenberg@apex-labs.com, or by phone at 503-718-2323.

Please note: All samples will be disposed of within 30 days of sample receipt, unless prior arrangements have been made.

Cooler Receipt Information

(See Cooler Receipt Form for details)

Cooler#1	3.7 degC	Cooler#2	4.3 degC

This Final Report is the official version of the data results for this sample submission, unless superseded by a subsequent, labeled amended report.
All other deliverables derived from this data, including Electronic Data Deliverables (EDDs), CLP-like forms, client requested summary sheets, and all other products are considered secondary to this report.

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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ORELAP ID: **OR100062**

Farallon-Seattle	Project: **6050 E. Marginal Way**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0K0264 - 11 18 20 1634**

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-15-110420	A0K0264-01	Water	11/04/20 10:20	11/05/20 10:55
MW22-110420	A0K0264-02	Water	11/04/20 10:42	11/05/20 10:55
MW-16-110420	A0K0264-03	Water	11/04/20 11:10	11/05/20 10:55
MW21-110420	A0K0264-04	Water	11/04/20 11:48	11/05/20 10:55
MW-17-110420	A0K0264-05	Water	11/04/20 12:00	11/05/20 10:55
MW20-110420	A0K0264-06	Water	11/04/20 12:43	11/05/20 10:55
MW-18-110420	A0K0264-07	Water	11/04/20 13:20	11/05/20 10:55
MW19-110420	A0K0264-08	Water	11/04/20 13:52	11/05/20 10:55

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Farallon-Seattle	Project: **6050 E. Marginal Way**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0K0264 - 11 18 20 1634**

ANALYTICAL SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW-15-110420 (A0K0264-01)				**Matrix: Water**		**Batch: 0110337**		
Diesel	ND	38.1	76.2	ug/L	1	11/10/20 23:30	NWTPH-Dx LL	
Oil	ND	76.2	152	ug/L	1	11/10/20 23:30	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 82 %*		*Limits: 50-150 %*	*1*	*11/10/20 23:30*	*NWTPH-Dx LL*	
MW22-110420 (A0K0264-02)				**Matrix: Water**		**Batch: 0110337**		
Diesel	ND	37.4	74.8	ug/L	1	11/10/20 23:51	NWTPH-Dx LL	
Oil	ND	74.8	150	ug/L	1	11/10/20 23:51	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 89 %*		*Limits: 50-150 %*	*1*	*11/10/20 23:51*	*NWTPH-Dx LL*	
MW-16-110420 (A0K0264-03)				**Matrix: Water**		**Batch: 0110337**		
Diesel	ND	37.4	74.8	ug/L	1	11/11/20 00:13	NWTPH-Dx LL	
Oil	ND	74.8	150	ug/L	1	11/11/20 00:13	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 92 %*		*Limits: 50-150 %*	*1*	*11/11/20 00:13*	*NWTPH-Dx LL*	
MW21-110420 (A0K0264-04)				**Matrix: Water**		**Batch: 0110337**		
Diesel	ND	37.4	74.8	ug/L	1	11/11/20 00:35	NWTPH-Dx LL	
Oil	ND	74.8	150	ug/L	1	11/11/20 00:35	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 92 %*		*Limits: 50-150 %*	*1*	*11/11/20 00:35*	*NWTPH-Dx LL*	
MW-17-110420 (A0K0264-05)				**Matrix: Water**		**Batch: 0110275**		
Diesel	ND	37.7	75.5	ug/L	1	11/10/20 00:46	NWTPH-Dx LL	
Oil	ND	75.5	151	ug/L	1	11/10/20 00:46	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 70 %*		*Limits: 50-150 %*	*1*	*11/10/20 00:46*	*NWTPH-Dx LL*	
MW20-110420 (A0K0264-06)				**Matrix: Water**		**Batch: 0110275**		
Diesel	**121**	37.7	75.5	ug/L	1	11/10/20 01:08	NWTPH-Dx LL	**F-11**
Oil	ND	75.5	151	ug/L	1	11/10/20 01:08	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 72 %*		*Limits: 50-150 %*	*1*	*11/10/20 01:08*	*NWTPH-Dx LL*	
MW-18-110420 (A0K0264-07)				**Matrix: Water**		**Batch: 0110275**		
Diesel	ND	37.7	75.5	ug/L	1	11/10/20 01:31	NWTPH-Dx LL	
Oil	**170**	75.5	151	ug/L	1	11/10/20 01:31	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 88 %*		*Limits: 50-150 %*	*1*	*11/10/20 01:31*	*NWTPH-Dx LL*	

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Philip Nerenberg, Lab Director

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ORELAP ID: **OR100062**

Farallon-Seattle	Project: **6050 E. Marginal Way**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0K0264 - 11 18 20 1634**

ANALYTICAL SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW19-110420 (A0K0264-08)				**Matrix: Water**		**Batch: 0110275**		
Diesel	**170**	37.7	75.5	ug/L	1	11/10/20 01:54	NWTPH-Dx LL	**F-11**
Oil	ND	75.5	151	ug/L	1	11/10/20 01:54	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 76 %*		*Limits: 50-150 %*	*1*	*11/10/20 01:54*	*NWTPH-Dx LL*	

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1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0K0264 - 11 18 20 1634**

ANALYTICAL SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW-15-110420 (A0K0264-01RE1)				**Matrix: Water**		**Batch: 0110474**		
Bromobenzene	ND	0.250	0.500	ug/L	1	11/13/20 10:16	EPA 8260D	
Bromochloromethane	ND	0.500	1.00	ug/L	1	11/13/20 10:16	EPA 8260D	
Bromodichloromethane	ND	0.500	1.00	ug/L	1	11/13/20 10:16	EPA 8260D	
Bromoform	ND	0.500	1.00	ug/L	1	11/13/20 10:16	EPA 8260D	
Bromomethane	ND	5.00	5.00	ug/L	1	11/13/20 10:16	EPA 8260D	
Carbon tetrachloride	ND	0.500	1.00	ug/L	1	11/13/20 10:16	EPA 8260D	
Chlorobenzene	ND	0.250	0.500	ug/L	1	11/13/20 10:16	EPA 8260D	
Chloroethane	ND	5.00	5.00	ug/L	1	11/13/20 10:16	EPA 8260D	
Chloroform	ND	0.500	1.00	ug/L	1	11/13/20 10:16	EPA 8260D	
Chloromethane	ND	2.50	5.00	ug/L	1	11/13/20 10:16	EPA 8260D	
2-Chlorotoluene	ND	0.500	1.00	ug/L	1	11/13/20 10:16	EPA 8260D	
4-Chlorotoluene	ND	0.500	1.00	ug/L	1	11/13/20 10:16	EPA 8260D	
Dibromochloromethane	ND	0.500	1.00	ug/L	1	11/13/20 10:16	EPA 8260D	
1,2-Dibromo-3-chloropropane	ND	2.50	5.00	ug/L	1	11/13/20 10:16	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	0.250	0.500	ug/L	1	11/13/20 10:16	EPA 8260D	
Dibromomethane	ND	0.500	1.00	ug/L	1	11/13/20 10:16	EPA 8260D	
1,2-Dichlorobenzene	ND	0.250	0.500	ug/L	1	11/13/20 10:16	EPA 8260D	
1,3-Dichlorobenzene	ND	0.250	0.500	ug/L	1	11/13/20 10:16	EPA 8260D	
1,4-Dichlorobenzene	ND	0.250	0.500	ug/L	1	11/13/20 10:16	EPA 8260D	
Dichlorodifluoromethane	ND	0.500	1.00	ug/L	1	11/13/20 10:16	EPA 8260D	
1,1-Dichloroethane	ND	0.200	0.400	ug/L	1	11/13/20 10:16	EPA 8260D	
1,2-Dichloroethane (EDC)	ND	0.200	0.400	ug/L	1	11/13/20 10:16	EPA 8260D	
1,1-Dichloroethene	ND	0.200	0.400	ug/L	1	11/13/20 10:16	EPA 8260D	
cis-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	11/13/20 10:16	EPA 8260D	
trans-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	11/13/20 10:16	EPA 8260D	
1,2-Dichloropropane	ND	0.250	0.500	ug/L	1	11/13/20 10:16	EPA 8260D	
1,3-Dichloropropane	ND	0.500	1.00	ug/L	1	11/13/20 10:16	EPA 8260D	
2,2-Dichloropropane	ND	0.500	1.00	ug/L	1	11/13/20 10:16	EPA 8260D	
1,1-Dichloropropene	ND	0.500	1.00	ug/L	1	11/13/20 10:16	EPA 8260D	
cis-1,3-Dichloropropene	ND	0.500	1.00	ug/L	1	11/13/20 10:16	EPA 8260D	
trans-1,3-Dichloropropene	ND	0.500	1.00	ug/L	1	11/13/20 10:16	EPA 8260D	
Hexachlorobutadiene	ND	2.50	5.00	ug/L	1	11/13/20 10:16	EPA 8260D	
Methylene chloride	ND	5.00	10.0	ug/L	1	11/13/20 10:16	EPA 8260D	

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Philip Nerenberg, Lab Director

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Farallon-Seattle	Project: **6050 E. Marginal Way**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0K0264 - 11 18 20 1634**

ANALYTICAL SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW-15-110420 (A0K0264-01RE1)				**Matrix: Water**		**Batch: 0110474**		
1,1,1,2-Tetrachloroethane	ND	0.200	0.400	ug/L	1	11/13/20 10:16	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	0.250	0.500	ug/L	1	11/13/20 10:16	EPA 8260D	
Tetrachloroethene (PCE)	ND	0.200	0.400	ug/L	1	11/13/20 10:16	EPA 8260D	
1,2,3-Trichlorobenzene	ND	1.00	2.00	ug/L	1	11/13/20 10:16	EPA 8260D	
1,2,4-Trichlorobenzene	ND	1.00	2.00	ug/L	1	11/13/20 10:16	EPA 8260D	
1,1,1-Trichloroethane	ND	0.200	0.400	ug/L	1	11/13/20 10:16	EPA 8260D	
1,1,2-Trichloroethane	ND	0.250	0.500	ug/L	1	11/13/20 10:16	EPA 8260D	
Trichloroethene (TCE)	ND	0.200	0.400	ug/L	1	11/13/20 10:16	EPA 8260D	
Trichlorofluoromethane	ND	1.00	2.00	ug/L	1	11/13/20 10:16	EPA 8260D	
1,2,3-Trichloropropane	ND	0.500	1.00	ug/L	1	11/13/20 10:16	EPA 8260D	
Vinyl chloride	ND	0.200	0.400	ug/L	1	11/13/20 10:16	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*108 %*	*Limits:* *80-120 %*	*1*	*11/13/20 10:16*	*EPA 8260D*	
Toluene-d8 (Surr)			*102 %*	*80-120 %*	*1*	*11/13/20 10:16*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*96 %*	*80-120 %*	*1*	*11/13/20 10:16*	*EPA 8260D*	
MW22-110420 (A0K0264-02RE1)				**Matrix: Water**		**Batch: 0110474**		
Bromobenzene	ND	0.250	0.500	ug/L	1	11/13/20 10:44	EPA 8260D	
Bromochloromethane	ND	0.500	1.00	ug/L	1	11/13/20 10:44	EPA 8260D	
Bromodichloromethane	ND	0.500	1.00	ug/L	1	11/13/20 10:44	EPA 8260D	
Bromoform	ND	0.500	1.00	ug/L	1	11/13/20 10:44	EPA 8260D	
Bromomethane	ND	5.00	5.00	ug/L	1	11/13/20 10:44	EPA 8260D	
Carbon tetrachloride	ND	0.500	1.00	ug/L	1	11/13/20 10:44	EPA 8260D	
Chlorobenzene	ND	0.250	0.500	ug/L	1	11/13/20 10:44	EPA 8260D	
Chloroethane	ND	5.00	5.00	ug/L	1	11/13/20 10:44	EPA 8260D	
Chloroform	ND	0.500	1.00	ug/L	1	11/13/20 10:44	EPA 8260D	
Chloromethane	ND	2.50	5.00	ug/L	1	11/13/20 10:44	EPA 8260D	
2-Chlorotoluene	ND	0.500	1.00	ug/L	1	11/13/20 10:44	EPA 8260D	
4-Chlorotoluene	ND	0.500	1.00	ug/L	1	11/13/20 10:44	EPA 8260D	
Dibromochloromethane	ND	0.500	1.00	ug/L	1	11/13/20 10:44	EPA 8260D	
1,2-Dibromo-3-chloropropane	ND	2.50	5.00	ug/L	1	11/13/20 10:44	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	0.250	0.500	ug/L	1	11/13/20 10:44	EPA 8260D	
Dibromomethane	ND	0.500	1.00	ug/L	1	11/13/20 10:44	EPA 8260D	
1,2-Dichlorobenzene	ND	0.250	0.500	ug/L	1	11/13/20 10:44	EPA 8260D	
1,3-Dichlorobenzene	ND	0.250	0.500	ug/L	1	11/13/20 10:44	EPA 8260D	

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Farallon-Seattle	Project: **6050 E. Marginal Way**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0K0264 - 11 18 20 1634**

ANALYTICAL SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW22-110420 (A0K0264-02RE1)				**Matrix: Water**		**Batch: 0110474**		
1,4-Dichlorobenzene	ND	0.250	0.500	ug/L	1	11/13/20 10:44	EPA 8260D	
Dichlorodifluoromethane	ND	0.500	1.00	ug/L	1	11/13/20 10:44	EPA 8260D	
1,1-Dichloroethane	ND	0.200	0.400	ug/L	1	11/13/20 10:44	EPA 8260D	
1,2-Dichloroethane (EDC)	ND	0.200	0.400	ug/L	1	11/13/20 10:44	EPA 8260D	
1,1-Dichloroethene	ND	0.200	0.400	ug/L	1	11/13/20 10:44	EPA 8260D	
cis-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	11/13/20 10:44	EPA 8260D	
trans-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	11/13/20 10:44	EPA 8260D	
1,2-Dichloropropane	ND	0.250	0.500	ug/L	1	11/13/20 10:44	EPA 8260D	
1,3-Dichloropropane	ND	0.500	1.00	ug/L	1	11/13/20 10:44	EPA 8260D	
2,2-Dichloropropane	ND	0.500	1.00	ug/L	1	11/13/20 10:44	EPA 8260D	
1,1-Dichloropropene	ND	0.500	1.00	ug/L	1	11/13/20 10:44	EPA 8260D	
cis-1,3-Dichloropropene	ND	0.500	1.00	ug/L	1	11/13/20 10:44	EPA 8260D	
trans-1,3-Dichloropropene	ND	0.500	1.00	ug/L	1	11/13/20 10:44	EPA 8260D	
Hexachlorobutadiene	ND	2.50	5.00	ug/L	1	11/13/20 10:44	EPA 8260D	
Methylene chloride	ND	5.00	10.0	ug/L	1	11/13/20 10:44	EPA 8260D	
1,1,1,2-Tetrachloroethane	ND	0.200	0.400	ug/L	1	11/13/20 10:44	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	0.250	0.500	ug/L	1	11/13/20 10:44	EPA 8260D	
Tetrachloroethene (PCE)	ND	0.200	0.400	ug/L	1	11/13/20 10:44	EPA 8260D	
1,2,3-Trichlorobenzene	ND	1.00	2.00	ug/L	1	11/13/20 10:44	EPA 8260D	
1,2,4-Trichlorobenzene	ND	1.00	2.00	ug/L	1	11/13/20 10:44	EPA 8260D	
1,1,1-Trichloroethane	ND	0.200	0.400	ug/L	1	11/13/20 10:44	EPA 8260D	
1,1,2-Trichloroethane	ND	0.250	0.500	ug/L	1	11/13/20 10:44	EPA 8260D	
Trichloroethene (TCE)	ND	0.200	0.400	ug/L	1	11/13/20 10:44	EPA 8260D	
Trichlorofluoromethane	ND	1.00	2.00	ug/L	1	11/13/20 10:44	EPA 8260D	
1,2,3-Trichloropropane	ND	0.500	1.00	ug/L	1	11/13/20 10:44	EPA 8260D	
Vinyl chloride	ND	0.200	0.400	ug/L	1	11/13/20 10:44	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*109 %*	*Limits:*	*80-120 %*	*11/13/20 10:44*	*EPA 8260D*	
Toluene-d8 (Surr)			*103 %*		*80-120 %*	*11/13/20 10:44*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*94 %*		*80-120 %*	*11/13/20 10:44*	*EPA 8260D*	
MW-16-110420 (A0K0264-03RE1)				**Matrix: Water**		**Batch: 0110474**		
Bromobenzene	ND	0.250	0.500	ug/L	1	11/13/20 11:11	EPA 8260D	
Bromochloromethane	ND	0.500	1.00	ug/L	1	11/13/20 11:11	EPA 8260D	
Bromodichloromethane	**1.40**	0.500	1.00	ug/L	1	11/13/20 11:11	EPA 8260D	

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Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0K0264 - 11 18 20 1634**

ANALYTICAL SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW-16-110420 (A0K0264-03RE1)				**Matrix: Water**		**Batch: 0110474**		
Bromoform	ND	0.500	1.00	ug/L	1	11/13/20 11:11	EPA 8260D	
Bromomethane	ND	5.00	5.00	ug/L	1	11/13/20 11:11	EPA 8260D	
Carbon tetrachloride	ND	0.500	1.00	ug/L	1	11/13/20 11:11	EPA 8260D	
Chlorobenzene	ND	0.250	0.500	ug/L	1	11/13/20 11:11	EPA 8260D	
Chloroethane	ND	5.00	5.00	ug/L	1	11/13/20 11:11	EPA 8260D	
Chloroform	**35.9**	0.500	1.00	ug/L	1	11/13/20 11:11	EPA 8260D	
Chloromethane	ND	2.50	5.00	ug/L	1	11/13/20 11:11	EPA 8260D	
2-Chlorotoluene	ND	0.500	1.00	ug/L	1	11/13/20 11:11	EPA 8260D	
4-Chlorotoluene	ND	0.500	1.00	ug/L	1	11/13/20 11:11	EPA 8260D	
Dibromochloromethane	ND	0.500	1.00	ug/L	1	11/13/20 11:11	EPA 8260D	
1,2-Dibromo-3-chloropropane	ND	2.50	5.00	ug/L	1	11/13/20 11:11	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	0.250	0.500	ug/L	1	11/13/20 11:11	EPA 8260D	
Dibromomethane	ND	0.500	1.00	ug/L	1	11/13/20 11:11	EPA 8260D	
1,2-Dichlorobenzene	ND	0.250	0.500	ug/L	1	11/13/20 11:11	EPA 8260D	
1,3-Dichlorobenzene	ND	0.250	0.500	ug/L	1	11/13/20 11:11	EPA 8260D	
1,4-Dichlorobenzene	ND	0.250	0.500	ug/L	1	11/13/20 11:11	EPA 8260D	
Dichlorodifluoromethane	ND	0.500	1.00	ug/L	1	11/13/20 11:11	EPA 8260D	
1,1-Dichloroethane	ND	0.200	0.400	ug/L	1	11/13/20 11:11	EPA 8260D	
1,2-Dichloroethane (EDC)	ND	0.200	0.400	ug/L	1	11/13/20 11:11	EPA 8260D	
1,1-Dichloroethene	ND	0.200	0.400	ug/L	1	11/13/20 11:11	EPA 8260D	
cis-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	11/13/20 11:11	EPA 8260D	
trans-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	11/13/20 11:11	EPA 8260D	
1,2-Dichloropropane	ND	0.250	0.500	ug/L	1	11/13/20 11:11	EPA 8260D	
1,3-Dichloropropane	ND	0.500	1.00	ug/L	1	11/13/20 11:11	EPA 8260D	
2,2-Dichloropropane	ND	0.500	1.00	ug/L	1	11/13/20 11:11	EPA 8260D	
1,1-Dichloropropene	ND	0.500	1.00	ug/L	1	11/13/20 11:11	EPA 8260D	
cis-1,3-Dichloropropene	ND	0.500	1.00	ug/L	1	11/13/20 11:11	EPA 8260D	
trans-1,3-Dichloropropene	ND	0.500	1.00	ug/L	1	11/13/20 11:11	EPA 8260D	
Hexachlorobutadiene	ND	2.50	5.00	ug/L	1	11/13/20 11:11	EPA 8260D	
Methylene chloride	ND	5.00	10.0	ug/L	1	11/13/20 11:11	EPA 8260D	
1,1,1,2-Tetrachloroethane	ND	0.200	0.400	ug/L	1	11/13/20 11:11	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	0.250	0.500	ug/L	1	11/13/20 11:11	EPA 8260D	
Tetrachloroethene (PCE)	ND	0.200	0.400	ug/L	1	11/13/20 11:11	EPA 8260D	

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Philip Nerenberg, Lab Director

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

Farallon-Seattle	Project: **6050 E. Marginal Way**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0K0264 - 11 18 20 1634**

ANALYTICAL SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW-16-110420 (A0K0264-03RE1)				**Matrix: Water**		**Batch: 0110474**		
1,2,3-Trichlorobenzene	ND	1.00	2.00	ug/L	1	11/13/20 11:11	EPA 8260D	
1,2,4-Trichlorobenzene	ND	1.00	2.00	ug/L	1	11/13/20 11:11	EPA 8260D	
1,1,1-Trichloroethane	ND	0.200	0.400	ug/L	1	11/13/20 11:11	EPA 8260D	
1,1,2-Trichloroethane	ND	0.250	0.500	ug/L	1	11/13/20 11:11	EPA 8260D	
Trichloroethene (TCE)	ND	0.200	0.400	ug/L	1	11/13/20 11:11	EPA 8260D	
Trichlorofluoromethane	ND	1.00	2.00	ug/L	1	11/13/20 11:11	EPA 8260D	
1,2,3-Trichloropropane	ND	0.500	1.00	ug/L	1	11/13/20 11:11	EPA 8260D	
Vinyl chloride	ND	0.200	0.400	ug/L	1	11/13/20 11:11	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*110 %*	*Limits: 80-120 %*	*1*	*11/13/20 11:11*	*EPA 8260D*	
Toluene-d8 (Surr)			*102 %*	*80-120 %*	*1*	*11/13/20 11:11*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*96 %*	*80-120 %*	*1*	*11/13/20 11:11*	*EPA 8260D*	
MW21-110420 (A0K0264-04RE1)				**Matrix: Water**		**Batch: 0110474**		
Bromobenzene	ND	0.250	0.500	ug/L	1	11/13/20 11:39	EPA 8260D	
Bromochloromethane	ND	0.500	1.00	ug/L	1	11/13/20 11:39	EPA 8260D	
Bromodichloromethane	ND	0.500	1.00	ug/L	1	11/13/20 11:39	EPA 8260D	
Bromoform	ND	0.500	1.00	ug/L	1	11/13/20 11:39	EPA 8260D	
Bromomethane	ND	5.00	5.00	ug/L	1	11/13/20 11:39	EPA 8260D	
Carbon tetrachloride	ND	0.500	1.00	ug/L	1	11/13/20 11:39	EPA 8260D	
Chlorobenzene	ND	0.250	0.500	ug/L	1	11/13/20 11:39	EPA 8260D	
Chloroethane	ND	5.00	5.00	ug/L	1	11/13/20 11:39	EPA 8260D	
Chloroform	ND	0.500	1.00	ug/L	1	11/13/20 11:39	EPA 8260D	
Chloromethane	ND	2.50	5.00	ug/L	1	11/13/20 11:39	EPA 8260D	
2-Chlorotoluene	ND	0.500	1.00	ug/L	1	11/13/20 11:39	EPA 8260D	
4-Chlorotoluene	ND	0.500	1.00	ug/L	1	11/13/20 11:39	EPA 8260D	
Dibromochloromethane	ND	0.500	1.00	ug/L	1	11/13/20 11:39	EPA 8260D	
1,2-Dibromo-3-chloropropane	ND	2.50	5.00	ug/L	1	11/13/20 11:39	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	0.250	0.500	ug/L	1	11/13/20 11:39	EPA 8260D	
Dibromomethane	ND	0.500	1.00	ug/L	1	11/13/20 11:39	EPA 8260D	
1,2-Dichlorobenzene	ND	0.250	0.500	ug/L	1	11/13/20 11:39	EPA 8260D	
1,3-Dichlorobenzene	ND	0.250	0.500	ug/L	1	11/13/20 11:39	EPA 8260D	
1,4-Dichlorobenzene	ND	0.250	0.500	ug/L	1	11/13/20 11:39	EPA 8260D	
Dichlorodifluoromethane	ND	0.500	1.00	ug/L	1	11/13/20 11:39	EPA 8260D	
1,1-Dichloroethane	ND	0.200	0.400	ug/L	1	11/13/20 11:39	EPA 8260D	

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Philip Nerenberg, Lab Director

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503-718-2323
ORELAP ID: **OR100062**

Farallon-Seattle	Project: **6050 E. Marginal Way**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0K0264 - 11 18 20 1634**

ANALYTICAL SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW21-110420 (A0K0264-04RE1)				**Matrix: Water**		**Batch: 0110474**		
1,2-Dichloroethane (EDC)	ND	0.200	0.400	ug/L	1	11/13/20 11:39	EPA 8260D	
1,1-Dichloroethene	ND	0.200	0.400	ug/L	1	11/13/20 11:39	EPA 8260D	
cis-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	11/13/20 11:39	EPA 8260D	
trans-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	11/13/20 11:39	EPA 8260D	
1,2-Dichloropropane	ND	0.250	0.500	ug/L	1	11/13/20 11:39	EPA 8260D	
1,3-Dichloropropane	ND	0.500	1.00	ug/L	1	11/13/20 11:39	EPA 8260D	
2,2-Dichloropropane	ND	0.500	1.00	ug/L	1	11/13/20 11:39	EPA 8260D	
1,1-Dichloropropene	ND	0.500	1.00	ug/L	1	11/13/20 11:39	EPA 8260D	
cis-1,3-Dichloropropene	ND	0.500	1.00	ug/L	1	11/13/20 11:39	EPA 8260D	
trans-1,3-Dichloropropene	ND	0.500	1.00	ug/L	1	11/13/20 11:39	EPA 8260D	
Hexachlorobutadiene	ND	2.50	5.00	ug/L	1	11/13/20 11:39	EPA 8260D	
Methylene chloride	ND	5.00	10.0	ug/L	1	11/13/20 11:39	EPA 8260D	
1,1,1,2-Tetrachloroethane	ND	0.200	0.400	ug/L	1	11/13/20 11:39	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	0.250	0.500	ug/L	1	11/13/20 11:39	EPA 8260D	
Tetrachloroethene (PCE)	ND	0.200	0.400	ug/L	1	11/13/20 11:39	EPA 8260D	
1,2,3-Trichlorobenzene	ND	1.00	2.00	ug/L	1	11/13/20 11:39	EPA 8260D	
1,2,4-Trichlorobenzene	ND	1.00	2.00	ug/L	1	11/13/20 11:39	EPA 8260D	
1,1,1-Trichloroethane	ND	0.200	0.400	ug/L	1	11/13/20 11:39	EPA 8260D	
1,1,2-Trichloroethane	ND	0.250	0.500	ug/L	1	11/13/20 11:39	EPA 8260D	
Trichloroethene (TCE)	ND	0.200	0.400	ug/L	1	11/13/20 11:39	EPA 8260D	
Trichlorofluoromethane	ND	1.00	2.00	ug/L	1	11/13/20 11:39	EPA 8260D	
1,2,3-Trichloropropane	ND	0.500	1.00	ug/L	1	11/13/20 11:39	EPA 8260D	
Vinyl chloride	ND	0.200	0.400	ug/L	1	11/13/20 11:39	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*110 %*	*Limits:* *80-120 %*	*1*	*11/13/20 11:39*	*EPA 8260D*	
Toluene-d8 (Surr)			*104 %*	*80-120 %*	*1*	*11/13/20 11:39*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*96 %*	*80-120 %*	*1*	*11/13/20 11:39*	*EPA 8260D*	
MW-17-110420 (A0K0264-05RE1)				**Matrix: Water**		**Batch: 0110474**		
Bromobenzene	ND	0.250	0.500	ug/L	1	11/13/20 12:06	EPA 8260D	
Bromochloromethane	ND	0.500	1.00	ug/L	1	11/13/20 12:06	EPA 8260D	
Bromodichloromethane	**0.980**	0.500	1.00	ug/L	1	11/13/20 12:06	EPA 8260D	**J**
Bromoform	ND	0.500	1.00	ug/L	1	11/13/20 12:06	EPA 8260D	
Bromomethane	ND	5.00	5.00	ug/L	1	11/13/20 12:06	EPA 8260D	
Carbon tetrachloride	ND	0.500	1.00	ug/L	1	11/13/20 12:06	EPA 8260D	

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Philip Nerenberg, Lab Director

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503-718-2323
ORELAP ID: **OR100062**

Farallon-Seattle	Project: **6050 E. Marginal Way**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0K0264 - 11 18 20 1634**

ANALYTICAL SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW-17-110420 (A0K0264-05RE1)				**Matrix: Water**		**Batch: 0110474**		
Chlorobenzene	ND	0.250	0.500	ug/L	1	11/13/20 12:06	EPA 8260D	
Chloroethane	ND	5.00	5.00	ug/L	1	11/13/20 12:06	EPA 8260D	
Chloroform	**22.3**	0.500	1.00	ug/L	1	11/13/20 12:06	EPA 8260D	
Chloromethane	ND	2.50	5.00	ug/L	1	11/13/20 12:06	EPA 8260D	
2-Chlorotoluene	ND	0.500	1.00	ug/L	1	11/13/20 12:06	EPA 8260D	
4-Chlorotoluene	ND	0.500	1.00	ug/L	1	11/13/20 12:06	EPA 8260D	
Dibromochloromethane	ND	0.500	1.00	ug/L	1	11/13/20 12:06	EPA 8260D	
1,2-Dibromo-3-chloropropane	ND	2.50	5.00	ug/L	1	11/13/20 12:06	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	0.250	0.500	ug/L	1	11/13/20 12:06	EPA 8260D	
Dibromomethane	ND	0.500	1.00	ug/L	1	11/13/20 12:06	EPA 8260D	
1,2-Dichlorobenzene	ND	0.250	0.500	ug/L	1	11/13/20 12:06	EPA 8260D	
1,3-Dichlorobenzene	ND	0.250	0.500	ug/L	1	11/13/20 12:06	EPA 8260D	
1,4-Dichlorobenzene	ND	0.250	0.500	ug/L	1	11/13/20 12:06	EPA 8260D	
Dichlorodifluoromethane	ND	0.500	1.00	ug/L	1	11/13/20 12:06	EPA 8260D	
1,1-Dichloroethane	ND	0.200	0.400	ug/L	1	11/13/20 12:06	EPA 8260D	
1,2-Dichloroethane (EDC)	ND	0.200	0.400	ug/L	1	11/13/20 12:06	EPA 8260D	
1,1-Dichloroethene	ND	0.200	0.400	ug/L	1	11/13/20 12:06	EPA 8260D	
cis-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	11/13/20 12:06	EPA 8260D	
trans-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	11/13/20 12:06	EPA 8260D	
1,2-Dichloropropane	ND	0.250	0.500	ug/L	1	11/13/20 12:06	EPA 8260D	
1,3-Dichloropropane	ND	0.500	1.00	ug/L	1	11/13/20 12:06	EPA 8260D	
2,2-Dichloropropane	ND	0.500	1.00	ug/L	1	11/13/20 12:06	EPA 8260D	
1,1-Dichloropropene	ND	0.500	1.00	ug/L	1	11/13/20 12:06	EPA 8260D	
cis-1,3-Dichloropropene	ND	0.500	1.00	ug/L	1	11/13/20 12:06	EPA 8260D	
trans-1,3-Dichloropropene	ND	0.500	1.00	ug/L	1	11/13/20 12:06	EPA 8260D	
Hexachlorobutadiene	ND	2.50	5.00	ug/L	1	11/13/20 12:06	EPA 8260D	
Methylene chloride	ND	5.00	10.0	ug/L	1	11/13/20 12:06	EPA 8260D	
1,1,1,2-Tetrachloroethane	ND	0.200	0.400	ug/L	1	11/13/20 12:06	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	0.250	0.500	ug/L	1	11/13/20 12:06	EPA 8260D	
Tetrachloroethene (PCE)	ND	0.200	0.400	ug/L	1	11/13/20 12:06	EPA 8260D	
1,2,3-Trichlorobenzene	ND	1.00	2.00	ug/L	1	11/13/20 12:06	EPA 8260D	
1,2,4-Trichlorobenzene	ND	1.00	2.00	ug/L	1	11/13/20 12:06	EPA 8260D	
1,1,1-Trichloroethane	ND	0.200	0.400	ug/L	1	11/13/20 12:06	EPA 8260D	

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Philip Nerenberg, Lab Director

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ORELAP ID: **OR100062**

Farallon-Seattle	Project: **6050 E. Marginal Way**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0K0264 - 11 18 20 1634**

ANALYTICAL SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW-17-110420 (A0K0264-05RE1)				**Matrix: Water**		**Batch: 0110474**		
1,1,2-Trichloroethane	ND	0.250	0.500	ug/L	1	11/13/20 12:06	EPA 8260D	
Trichloroethene (TCE)	ND	0.200	0.400	ug/L	1	11/13/20 12:06	EPA 8260D	
Trichlorofluoromethane	ND	1.00	2.00	ug/L	1	11/13/20 12:06	EPA 8260D	
1,2,3-Trichloropropane	ND	0.500	1.00	ug/L	1	11/13/20 12:06	EPA 8260D	
Vinyl chloride	ND	0.200	0.400	ug/L	1	11/13/20 12:06	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*110 %*	*Limits: 80-120 %*	*1*	*11/13/20 12:06*	*EPA 8260D*	
Toluene-d8 (Surr)			*103 %*	*80-120 %*	*1*	*11/13/20 12:06*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*95 %*	*80-120 %*	*1*	*11/13/20 12:06*	*EPA 8260D*	
MW20-110420 (A0K0264-06RE1)				**Matrix: Water**		**Batch: 0110474**		
Bromobenzene	ND	0.250	0.500	ug/L	1	11/13/20 12:33	EPA 8260D	
Bromochloromethane	ND	0.500	1.00	ug/L	1	11/13/20 12:33	EPA 8260D	
Bromodichloromethane	ND	0.500	1.00	ug/L	1	11/13/20 12:33	EPA 8260D	
Bromoform	ND	0.500	1.00	ug/L	1	11/13/20 12:33	EPA 8260D	
Bromomethane	ND	5.00	5.00	ug/L	1	11/13/20 12:33	EPA 8260D	
Carbon tetrachloride	ND	0.500	1.00	ug/L	1	11/13/20 12:33	EPA 8260D	
Chlorobenzene	ND	0.250	0.500	ug/L	1	11/13/20 12:33	EPA 8260D	
Chloroethane	ND	5.00	5.00	ug/L	1	11/13/20 12:33	EPA 8260D	
Chloroform	ND	0.500	1.00	ug/L	1	11/13/20 12:33	EPA 8260D	
Chloromethane	ND	2.50	5.00	ug/L	1	11/13/20 12:33	EPA 8260D	
2-Chlorotoluene	ND	0.500	1.00	ug/L	1	11/13/20 12:33	EPA 8260D	
4-Chlorotoluene	ND	0.500	1.00	ug/L	1	11/13/20 12:33	EPA 8260D	
Dibromochloromethane	ND	0.500	1.00	ug/L	1	11/13/20 12:33	EPA 8260D	
1,2-Dibromo-3-chloropropane	ND	2.50	5.00	ug/L	1	11/13/20 12:33	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	0.250	0.500	ug/L	1	11/13/20 12:33	EPA 8260D	
Dibromomethane	ND	0.500	1.00	ug/L	1	11/13/20 12:33	EPA 8260D	
1,2-Dichlorobenzene	ND	0.250	0.500	ug/L	1	11/13/20 12:33	EPA 8260D	
1,3-Dichlorobenzene	ND	0.250	0.500	ug/L	1	11/13/20 12:33	EPA 8260D	
1,4-Dichlorobenzene	ND	0.250	0.500	ug/L	1	11/13/20 12:33	EPA 8260D	
Dichlorodifluoromethane	ND	0.500	1.00	ug/L	1	11/13/20 12:33	EPA 8260D	
1,1-Dichloroethane	ND	0.200	0.400	ug/L	1	11/13/20 12:33	EPA 8260D	
1,2-Dichloroethane (EDC)	ND	0.200	0.400	ug/L	1	11/13/20 12:33	EPA 8260D	
1,1-Dichloroethene	ND	0.200	0.400	ug/L	1	11/13/20 12:33	EPA 8260D	
cis-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	11/13/20 12:33	EPA 8260D	

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Philip Nerenberg, Lab Director

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ORELAP ID: **OR100062**

Farallon-Seattle	Project: **6050 E. Marginal Way**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0K0264 - 11 18 20 1634**

ANALYTICAL SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW20-110420 (A0K0264-06RE1)				**Matrix: Water**		**Batch: 0110474**		
trans-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	11/13/20 12:33	EPA 8260D	
1,2-Dichloropropane	ND	0.250	0.500	ug/L	1	11/13/20 12:33	EPA 8260D	
1,3-Dichloropropane	ND	0.500	1.00	ug/L	1	11/13/20 12:33	EPA 8260D	
2,2-Dichloropropane	ND	0.500	1.00	ug/L	1	11/13/20 12:33	EPA 8260D	
1,1-Dichloropropene	ND	0.500	1.00	ug/L	1	11/13/20 12:33	EPA 8260D	
cis-1,3-Dichloropropene	ND	0.500	1.00	ug/L	1	11/13/20 12:33	EPA 8260D	
trans-1,3-Dichloropropene	ND	0.500	1.00	ug/L	1	11/13/20 12:33	EPA 8260D	
Hexachlorobutadiene	ND	2.50	5.00	ug/L	1	11/13/20 12:33	EPA 8260D	
Methylene chloride	ND	5.00	10.0	ug/L	1	11/13/20 12:33	EPA 8260D	
1,1,1,2-Tetrachloroethane	ND	0.200	0.400	ug/L	1	11/13/20 12:33	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	0.250	0.500	ug/L	1	11/13/20 12:33	EPA 8260D	
Tetrachloroethene (PCE)	ND	0.200	0.400	ug/L	1	11/13/20 12:33	EPA 8260D	
1,2,3-Trichlorobenzene	ND	1.00	2.00	ug/L	1	11/13/20 12:33	EPA 8260D	
1,2,4-Trichlorobenzene	ND	1.00	2.00	ug/L	1	11/13/20 12:33	EPA 8260D	
1,1,1-Trichloroethane	ND	0.200	0.400	ug/L	1	11/13/20 12:33	EPA 8260D	
1,1,2-Trichloroethane	ND	0.250	0.500	ug/L	1	11/13/20 12:33	EPA 8260D	
Trichloroethene (TCE)	ND	0.200	0.400	ug/L	1	11/13/20 12:33	EPA 8260D	
Trichlorofluoromethane	ND	1.00	2.00	ug/L	1	11/13/20 12:33	EPA 8260D	
1,2,3-Trichloropropane	ND	0.500	1.00	ug/L	1	11/13/20 12:33	EPA 8260D	
Vinyl chloride	ND	0.200	0.400	ug/L	1	11/13/20 12:33	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*111 %*	*Limits:* *80-120 %*	*1*	*11/13/20 12:33*	*EPA 8260D*	
Toluene-d8 (Surr)			*102 %*	*80-120 %*	*1*	*11/13/20 12:33*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*94 %*	*80-120 %*	*1*	*11/13/20 12:33*	*EPA 8260D*	
MW-18-110420 (A0K0264-07RE1)				**Matrix: Water**		**Batch: 0110474**		
Bromobenzene	ND	0.250	0.500	ug/L	1	11/13/20 13:00	EPA 8260D	
Bromochloromethane	ND	0.500	1.00	ug/L	1	11/13/20 13:00	EPA 8260D	
Bromodichloromethane	ND	0.500	1.00	ug/L	1	11/13/20 13:00	EPA 8260D	
Bromoform	ND	0.500	1.00	ug/L	1	11/13/20 13:00	EPA 8260D	
Bromomethane	ND	5.00	5.00	ug/L	1	11/13/20 13:00	EPA 8260D	
Carbon tetrachloride	ND	0.500	1.00	ug/L	1	11/13/20 13:00	EPA 8260D	
Chlorobenzene	ND	0.250	0.500	ug/L	1	11/13/20 13:00	EPA 8260D	
Chloroethane	ND	5.00	5.00	ug/L	1	11/13/20 13:00	EPA 8260D	
Chloroform	ND	0.500	1.00	ug/L	1	11/13/20 13:00	EPA 8260D	

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Philip Nerenberg, Lab Director

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Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

Farallon-Seattle	Project: **6050 E. Marginal Way**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0K0264 - 11 18 20 1634**

ANALYTICAL SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW-18-110420 (A0K0264-07RE1)				**Matrix: Water**		**Batch: 0110474**		
Chloromethane	ND	2.50	5.00	ug/L	1	11/13/20 13:00	EPA 8260D	
2-Chlorotoluene	ND	0.500	1.00	ug/L	1	11/13/20 13:00	EPA 8260D	
4-Chlorotoluene	ND	0.500	1.00	ug/L	1	11/13/20 13:00	EPA 8260D	
Dibromochloromethane	ND	0.500	1.00	ug/L	1	11/13/20 13:00	EPA 8260D	
1,2-Dibromo-3-chloropropane	ND	2.50	5.00	ug/L	1	11/13/20 13:00	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	0.250	0.500	ug/L	1	11/13/20 13:00	EPA 8260D	
Dibromomethane	ND	0.500	1.00	ug/L	1	11/13/20 13:00	EPA 8260D	
1,2-Dichlorobenzene	ND	0.250	0.500	ug/L	1	11/13/20 13:00	EPA 8260D	
1,3-Dichlorobenzene	ND	0.250	0.500	ug/L	1	11/13/20 13:00	EPA 8260D	
1,4-Dichlorobenzene	ND	0.250	0.500	ug/L	1	11/13/20 13:00	EPA 8260D	
Dichlorodifluoromethane	ND	0.500	1.00	ug/L	1	11/13/20 13:00	EPA 8260D	
1,1-Dichloroethane	ND	0.200	0.400	ug/L	1	11/13/20 13:00	EPA 8260D	
1,2-Dichloroethane (EDC)	ND	0.200	0.400	ug/L	1	11/13/20 13:00	EPA 8260D	
1,1-Dichloroethene	ND	0.200	0.400	ug/L	1	11/13/20 13:00	EPA 8260D	
cis-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	11/13/20 13:00	EPA 8260D	
trans-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	11/13/20 13:00	EPA 8260D	
1,2-Dichloropropane	ND	0.250	0.500	ug/L	1	11/13/20 13:00	EPA 8260D	
1,3-Dichloropropane	ND	0.500	1.00	ug/L	1	11/13/20 13:00	EPA 8260D	
2,2-Dichloropropane	ND	0.500	1.00	ug/L	1	11/13/20 13:00	EPA 8260D	
1,1-Dichloropropene	ND	0.500	1.00	ug/L	1	11/13/20 13:00	EPA 8260D	
cis-1,3-Dichloropropene	ND	0.500	1.00	ug/L	1	11/13/20 13:00	EPA 8260D	
trans-1,3-Dichloropropene	ND	0.500	1.00	ug/L	1	11/13/20 13:00	EPA 8260D	
Hexachlorobutadiene	ND	2.50	5.00	ug/L	1	11/13/20 13:00	EPA 8260D	
Methylene chloride	ND	5.00	10.0	ug/L	1	11/13/20 13:00	EPA 8260D	
1,1,1,2-Tetrachloroethane	ND	0.200	0.400	ug/L	1	11/13/20 13:00	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	0.250	0.500	ug/L	1	11/13/20 13:00	EPA 8260D	
Tetrachloroethene (PCE)	ND	0.200	0.400	ug/L	1	11/13/20 13:00	EPA 8260D	
1,2,3-Trichlorobenzene	ND	1.00	2.00	ug/L	1	11/13/20 13:00	EPA 8260D	
1,2,4-Trichlorobenzene	ND	1.00	2.00	ug/L	1	11/13/20 13:00	EPA 8260D	
1,1,1-Trichloroethane	ND	0.200	0.400	ug/L	1	11/13/20 13:00	EPA 8260D	
1,1,2-Trichloroethane	ND	0.250	0.500	ug/L	1	11/13/20 13:00	EPA 8260D	
Trichloroethene (TCE)	ND	0.200	0.400	ug/L	1	11/13/20 13:00	EPA 8260D	
Trichlorofluoromethane	ND	1.00	2.00	ug/L	1	11/13/20 13:00	EPA 8260D	

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Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

Farallon-Seattle	Project: **6050 E. Marginal Way**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0K0264 - 11 18 20 1634**

ANALYTICAL SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW-18-110420 (A0K0264-07RE1)				**Matrix: Water**		**Batch: 0110474**		
1,2,3-Trichloropropane	ND	0.500	1.00	ug/L	1	11/13/20 13:00	EPA 8260D	
Vinyl chloride	ND	0.200	0.400	ug/L	1	11/13/20 13:00	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*110 %*	*Limits: 80-120 %*	*1*	*11/13/20 13:00*	*EPA 8260D*	
Toluene-d8 (Surr)			*102 %*	*80-120 %*	*1*	*11/13/20 13:00*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*94 %*	*80-120 %*	*1*	*11/13/20 13:00*	*EPA 8260D*	
MW19-110420 (A0K0264-08RE1)				**Matrix: Water**		**Batch: 0110474**		
Bromobenzene	ND	0.250	0.500	ug/L	1	11/13/20 13:28	EPA 8260D	
Bromochloromethane	ND	0.500	1.00	ug/L	1	11/13/20 13:28	EPA 8260D	
Bromodichloromethane	ND	0.500	1.00	ug/L	1	11/13/20 13:28	EPA 8260D	
Bromoform	ND	0.500	1.00	ug/L	1	11/13/20 13:28	EPA 8260D	
Bromomethane	ND	5.00	5.00	ug/L	1	11/13/20 13:28	EPA 8260D	
Carbon tetrachloride	ND	0.500	1.00	ug/L	1	11/13/20 13:28	EPA 8260D	
Chlorobenzene	ND	0.250	0.500	ug/L	1	11/13/20 13:28	EPA 8260D	
Chloroethane	ND	5.00	5.00	ug/L	1	11/13/20 13:28	EPA 8260D	
Chloroform	ND	0.500	1.00	ug/L	1	11/13/20 13:28	EPA 8260D	
Chloromethane	ND	2.50	5.00	ug/L	1	11/13/20 13:28	EPA 8260D	
2-Chlorotoluene	ND	0.500	1.00	ug/L	1	11/13/20 13:28	EPA 8260D	
4-Chlorotoluene	ND	0.500	1.00	ug/L	1	11/13/20 13:28	EPA 8260D	
Dibromochloromethane	ND	0.500	1.00	ug/L	1	11/13/20 13:28	EPA 8260D	
1,2-Dibromo-3-chloropropane	ND	2.50	5.00	ug/L	1	11/13/20 13:28	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	0.250	0.500	ug/L	1	11/13/20 13:28	EPA 8260D	
Dibromomethane	ND	0.500	1.00	ug/L	1	11/13/20 13:28	EPA 8260D	
1,2-Dichlorobenzene	ND	0.250	0.500	ug/L	1	11/13/20 13:28	EPA 8260D	
1,3-Dichlorobenzene	ND	0.250	0.500	ug/L	1	11/13/20 13:28	EPA 8260D	
1,4-Dichlorobenzene	ND	0.250	0.500	ug/L	1	11/13/20 13:28	EPA 8260D	
Dichlorodifluoromethane	ND	0.500	1.00	ug/L	1	11/13/20 13:28	EPA 8260D	
1,1-Dichloroethane	ND	0.200	0.400	ug/L	1	11/13/20 13:28	EPA 8260D	
1,2-Dichloroethane (EDC)	ND	0.200	0.400	ug/L	1	11/13/20 13:28	EPA 8260D	
1,1-Dichloroethene	ND	0.200	0.400	ug/L	1	11/13/20 13:28	EPA 8260D	
cis-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	11/13/20 13:28	EPA 8260D	
trans-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	11/13/20 13:28	EPA 8260D	
1,2-Dichloropropane	ND	0.250	0.500	ug/L	1	11/13/20 13:28	EPA 8260D	
1,3-Dichloropropane	ND	0.500	1.00	ug/L	1	11/13/20 13:28	EPA 8260D	

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Philip Nerenberg, Lab Director

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503-718-2323
ORELAP ID: **OR100062**

Farallon-Seattle	Project: **6050 E. Marginal Way**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0K0264 - 11 18 20 1634**

ANALYTICAL SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW19-110420 (A0K0264-08RE1)				**Matrix: Water**		**Batch: 0110474**		
2,2-Dichloropropane	ND	0.500	1.00	ug/L	1	11/13/20 13:28	EPA 8260D	
1,1-Dichloropropene	ND	0.500	1.00	ug/L	1	11/13/20 13:28	EPA 8260D	
cis-1,3-Dichloropropene	ND	0.500	1.00	ug/L	1	11/13/20 13:28	EPA 8260D	
trans-1,3-Dichloropropene	ND	0.500	1.00	ug/L	1	11/13/20 13:28	EPA 8260D	
Hexachlorobutadiene	ND	2.50	5.00	ug/L	1	11/13/20 13:28	EPA 8260D	
Methylene chloride	ND	5.00	10.0	ug/L	1	11/13/20 13:28	EPA 8260D	
1,1,1,2-Tetrachloroethane	ND	0.200	0.400	ug/L	1	11/13/20 13:28	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	0.250	0.500	ug/L	1	11/13/20 13:28	EPA 8260D	
Tetrachloroethene (PCE)	ND	0.200	0.400	ug/L	1	11/13/20 13:28	EPA 8260D	
1,2,3-Trichlorobenzene	ND	1.00	2.00	ug/L	1	11/13/20 13:28	EPA 8260D	
1,2,4-Trichlorobenzene	ND	1.00	2.00	ug/L	1	11/13/20 13:28	EPA 8260D	
1,1,1-Trichloroethane	ND	0.200	0.400	ug/L	1	11/13/20 13:28	EPA 8260D	
1,1,2-Trichloroethane	ND	0.250	0.500	ug/L	1	11/13/20 13:28	EPA 8260D	
Trichloroethene (TCE)	ND	0.200	0.400	ug/L	1	11/13/20 13:28	EPA 8260D	
Trichlorofluoromethane	ND	1.00	2.00	ug/L	1	11/13/20 13:28	EPA 8260D	
1,2,3-Trichloropropane	ND	0.500	1.00	ug/L	1	11/13/20 13:28	EPA 8260D	
Vinyl chloride	ND	0.200	0.400	ug/L	1	11/13/20 13:28	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*110 %*	*Limits:* *80-120 %*	*1*	*11/13/20 13:28*	*EPA 8260D*	
Toluene-d8 (Surr)			*101 %*	*80-120 %*	*1*	*11/13/20 13:28*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*94 %*	*80-120 %*	*1*	*11/13/20 13:28*	*EPA 8260D*	

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Farallon-Seattle	Project: **6050 E. Marginal Way**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0K0264 - 11 18 20 1634**

QUALITY CONTROL (QC) SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0110275 - EPA 3510C (Fuels/Acid Ext.)									**Water**			
Blank (0110275-BLK1)			Prepared: 11/09/20 10:25		Analyzed: 11/09/20 22:30							
NWTPH-Dx LL												
Diesel	ND	36.4	72.7	ug/L	1	---	---	---	---	---	---	
Oil	ND	72.7	145	ug/L	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)			*Recovery: 95 %*		*Limits: 50-150 %*		*Dilution: 1x*					
LCS (0110275-BS1)			Prepared: 11/09/20 10:25		Analyzed: 11/09/20 22:52							
NWTPH-Dx LL												
Diesel	350	40.0	80.0	ug/L	1	500	---	70	59-115%	---	---	
Surr: o-Terphenyl (Surr)			*Recovery: 96 %*		*Limits: 50-150 %*		*Dilution: 1x*					
LCS Dup (0110275-BSD1)			Prepared: 11/09/20 10:25		Analyzed: 11/09/20 23:15							**Q-19**
NWTPH-Dx LL												
Diesel	383	40.0	80.0	ug/L	1	500	---	77	59-115%	9	30%	
Surr: o-Terphenyl (Surr)			*Recovery: 97 %*		*Limits: 50-150 %*		*Dilution: 1x*					
Batch 0110337 - EPA 3510C (Fuels/Acid Ext.)									**Water**			
Blank (0110337-BLK1)			Prepared: 11/10/20 12:43		Analyzed: 11/10/20 22:03							
NWTPH-Dx LL												
Diesel	ND	36.4	72.7	ug/L	1	---	---	---	---	---	---	
Oil	ND	72.7	145	ug/L	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)			*Recovery: 90 %*		*Limits: 50-150 %*		*Dilution: 1x*					
LCS (0110337-BS1)			Prepared: 11/10/20 12:43		Analyzed: 11/10/20 22:25							
NWTPH-Dx LL												
Diesel	404	40.0	80.0	ug/L	1	500	---	81	59-115%	---	---	
Surr: o-Terphenyl (Surr)			*Recovery: 96 %*		*Limits: 50-150 %*		*Dilution: 1x*					
LCS Dup (0110337-BSD1)			Prepared: 11/10/20 12:43		Analyzed: 11/10/20 22:46							**Q-19**
NWTPH-Dx LL												
Diesel	396	40.0	80.0	ug/L	1	500	---	79	59-115%	2	30%	
Surr: o-Terphenyl (Surr)			*Recovery: 98 %*		*Limits: 50-150 %*		*Dilution: 1x*					

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Philip Nerenberg, Lab Director

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ORELAP ID: **OR100062**

Farallon-Seattle	Project: **6050 E. Marginal Way**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0K0264 - 11 18 20 1634**

QUALITY CONTROL (QC) SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0110438 - EPA 5030B							**Water**					
Blank (0110438-BLK1)			Prepared: 11/12/20 08:00		Analyzed: 11/12/20 12:21							
EPA 8260D												
Bromobenzene	ND	0.250	0.500	ug/L	1	---	---	---	---	---	---	
Bromochloromethane	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
Bromodichloromethane	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
Bromoform	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
Bromomethane	ND	5.00	5.00	ug/L	1	---	---	---	---	---	---	
Carbon tetrachloride	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
Chlorobenzene	ND	0.250	0.500	ug/L	1	---	---	---	---	---	---	
Chloroethane	ND	5.00	5.00	ug/L	1	---	---	---	---	---	---	
Chloroform	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
Chloromethane	ND	2.50	5.00	ug/L	1	---	---	---	---	---	---	
2-Chlorotoluene	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
4-Chlorotoluene	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
Dibromochloromethane	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
1,2-Dibromo-3-chloropropane	ND	2.50	5.00	ug/L	1	---	---	---	---	---	---	
1,2-Dibromoethane (EDB)	ND	0.250	0.500	ug/L	1	---	---	---	---	---	---	
Dibromomethane	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
1,2-Dichlorobenzene	ND	0.250	0.500	ug/L	1	---	---	---	---	---	---	
1,3-Dichlorobenzene	ND	0.250	0.500	ug/L	1	---	---	---	---	---	---	
1,4-Dichlorobenzene	ND	0.250	0.500	ug/L	1	---	---	---	---	---	---	
Dichlorodifluoromethane	ND	1.00	1.00	ug/L	1	---	---	---	---	---	---	
1,1-Dichloroethane	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
1,2-Dichloroethane (EDC)	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
1,1-Dichloroethene	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
cis-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
trans-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
1,2-Dichloropropane	ND	0.250	0.500	ug/L	1	---	---	---	---	---	---	
1,3-Dichloropropane	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
2,2-Dichloropropane	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
1,1-Dichloropropene	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
cis-1,3-Dichloropropene	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
trans-1,3-Dichloropropene	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
Hexachlorobutadiene	ND	2.50	5.00	ug/L	1	---	---	---	---	---	---	
Methylene chloride	ND	5.00	10.0	ug/L	1	---	---	---	---	---	---	

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Farallon-Seattle	Project: **6050 E. Marginal Way**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0K0264 - 11 18 20 1634**

QUALITY CONTROL (QC) SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0110438 - EPA 5030B							**Water**					
Blank (0110438-BLK1)			Prepared: 11/12/20 08:00		Analyzed: 11/12/20 12:21							
1,1,1,2-Tetrachloroethane	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
1,1,2,2-Tetrachloroethane	ND	0.250	0.500	ug/L	1	---	---	---	---	---	---	
Tetrachloroethene (PCE)	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
1,2,3-Trichlorobenzene	ND	1.00	2.00	ug/L	1	---	---	---	---	---	---	
1,2,4-Trichlorobenzene	ND	1.00	2.00	ug/L	1	---	---	---	---	---	---	
1,1,1-Trichloroethane	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
1,1,2-Trichloroethane	ND	0.250	0.500	ug/L	1	---	---	---	---	---	---	
Trichloroethene (TCE)	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
Trichlorofluoromethane	ND	1.00	2.00	ug/L	1	---	---	---	---	---	---	
1,2,3-Trichloropropane	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
Vinyl chloride	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery:*	*108 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*104 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*98 %*		*80-120 %*			*"*				
LCS (0110438-BS1)			Prepared: 11/12/20 08:00		Analyzed: 11/12/20 10:59							
EPA 8260D												
Bromobenzene	20.6	0.250	0.500	ug/L	1	20.0	---	103	80-120%	---	---	
Bromochloromethane	22.7	0.500	1.00	ug/L	1	20.0	---	114	80-120%	---	---	
Bromodichloromethane	22.8	0.500	1.00	ug/L	1	20.0	---	114	80-120%	---	---	
Bromoform	21.2	0.500	1.00	ug/L	1	20.0	---	106	80-120%	---	---	
Bromomethane	17.6	5.00	5.00	ug/L	1	20.0	---	88	80-120%	---	---	
Carbon tetrachloride	24.3	0.500	1.00	ug/L	1	20.0	---	**122**	**80-120%**	---	---	Q-56
Chlorobenzene	21.1	0.250	0.500	ug/L	1	20.0	---	105	80-120%	---	---	
Chloroethane	21.1	5.00	5.00	ug/L	1	20.0	---	106	80-120%	---	---	
Chloroform	22.0	0.500	1.00	ug/L	1	20.0	---	110	80-120%	---	---	
Chloromethane	21.8	2.50	5.00	ug/L	1	20.0	---	109	80-120%	---	---	
2-Chlorotoluene	21.7	0.500	1.00	ug/L	1	20.0	---	109	80-120%	---	---	
4-Chlorotoluene	22.5	0.500	1.00	ug/L	1	20.0	---	113	80-120%	---	---	
Dibromochloromethane	23.2	0.500	1.00	ug/L	1	20.0	---	116	80-120%	---	---	
1,2-Dibromo-3-chloropropane	23.8	2.50	5.00	ug/L	1	20.0	---	119	80-120%	---	---	
1,2-Dibromoethane (EDB)	21.7	0.250	0.500	ug/L	1	20.0	---	109	80-120%	---	---	
Dibromomethane	21.9	0.500	1.00	ug/L	1	20.0	---	110	80-120%	---	---	
1,2-Dichlorobenzene	21.9	0.250	0.500	ug/L	1	20.0	---	110	80-120%	---	---	

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Philip Nerenberg, Lab Director

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

Farallon-Seattle	Project: **6050 E. Marginal Way**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0K0264 - 11 18 20 1634**

QUALITY CONTROL (QC) SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0110438 - EPA 5030B							**Water**					
LCS (0110438-BS1)			Prepared: 11/12/20 08:00		Analyzed: 11/12/20 10:59							
1,3-Dichlorobenzene	22.4	0.250	0.500	ug/L	1	20.0	---	112	80-120%	---	---	
1,4-Dichlorobenzene	20.8	0.250	0.500	ug/L	1	20.0	---	104	80-120%	---	---	
Dichlorodifluoromethane	15.7	1.00	1.00	ug/L	1	20.0	---	**78**	**80-120%**	---	---	Q-55
1,1-Dichloroethane	21.5	0.200	0.400	ug/L	1	20.0	---	107	80-120%	---	---	
1,2-Dichloroethane (EDC)	22.0	0.200	0.400	ug/L	1	20.0	---	110	80-120%	---	---	
1,1-Dichloroethene	21.2	0.200	0.400	ug/L	1	20.0	---	106	80-120%	---	---	
cis-1,2-Dichloroethene	20.6	0.200	0.400	ug/L	1	20.0	---	103	80-120%	---	---	
trans-1,2-Dichloroethene	19.6	0.200	0.400	ug/L	1	20.0	---	98	80-120%	---	---	
1,2-Dichloropropane	21.2	0.250	0.500	ug/L	1	20.0	---	106	80-120%	---	---	
1,3-Dichloropropane	21.6	0.500	1.00	ug/L	1	20.0	---	108	80-120%	---	---	
2,2-Dichloropropane	22.6	0.500	1.00	ug/L	1	20.0	---	113	80-120%	---	---	
1,1-Dichloropropene	19.9	0.500	1.00	ug/L	1	20.0	---	99	80-120%	---	---	
cis-1,3-Dichloropropene	22.3	0.500	1.00	ug/L	1	20.0	---	112	80-120%	---	---	
trans-1,3-Dichloropropene	21.4	0.500	1.00	ug/L	1	20.0	---	107	80-120%	---	---	
Hexachlorobutadiene	20.7	2.50	5.00	ug/L	1	20.0	---	104	80-120%	---	---	
Methylene chloride	21.0	5.00	10.0	ug/L	1	20.0	---	105	80-120%	---	---	
1,1,1,2-Tetrachloroethane	23.6	0.200	0.400	ug/L	1	20.0	---	118	80-120%	---	---	
1,1,2,2-Tetrachloroethane	22.6	0.250	0.500	ug/L	1	20.0	---	113	80-120%	---	---	
Tetrachloroethene (PCE)	19.5	0.200	0.400	ug/L	1	20.0	---	98	80-120%	---	---	
1,2,3-Trichlorobenzene	23.1	1.00	2.00	ug/L	1	20.0	---	115	80-120%	---	---	
1,2,4-Trichlorobenzene	20.0	1.00	2.00	ug/L	1	20.0	---	100	80-120%	---	---	
1,1,1-Trichloroethane	22.3	0.200	0.400	ug/L	1	20.0	---	112	80-120%	---	---	
1,1,2-Trichloroethane	22.2	0.250	0.500	ug/L	1	20.0	---	111	80-120%	---	---	
Trichloroethene (TCE)	19.2	0.200	0.400	ug/L	1	20.0	---	96	80-120%	---	---	
Trichlorofluoromethane	21.5	1.00	2.00	ug/L	1	20.0	---	108	80-120%	---	---	
1,2,3-Trichloropropane	22.8	0.500	1.00	ug/L	1	20.0	---	114	80-120%	---	---	
Vinyl chloride	18.4	0.200	0.400	ug/L	1	20.0	---	92	80-120%	---	---	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 102 %*		*Limits: 80-120 %*			*Dilution: 1x*				
Toluene-d8 (Surr)			*101 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*93 %*		*80-120 %*			*"*				
Duplicate (0110438-DUP1)			Prepared: 11/12/20 13:10		Analyzed: 11/12/20 19:11							

QC Source Sample: MW-18-110420 (A0K0264-07)

EPA 8260D

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Philip Nerenberg, Lab Director

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Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

Farallon-Seattle	Project: **6050 E. Marginal Way**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0K0264 - 11 18 20 1634**

QUALITY CONTROL (QC) SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0110438 - EPA 5030B							**Water**					
Duplicate (0110438-DUP1)			Prepared: 11/12/20 13:10 Analyzed: 11/12/20 19:11									
QC Source Sample: MW-18-110420 (A0K0264-07)												
Bromobenzene	ND	2.50	5.00	ug/L	10	---	ND	---	---	---	30%	
Bromochloromethane	ND	5.00	10.0	ug/L	10	---	ND	---	---	---	30%	
Bromodichloromethane	ND	5.00	10.0	ug/L	10	---	ND	---	---	---	30%	
Bromoform	ND	5.00	10.0	ug/L	10	---	ND	---	---	---	30%	
Bromomethane	ND	50.0	50.0	ug/L	10	---	ND	---	---	---	30%	
Carbon tetrachloride	ND	5.00	10.0	ug/L	10	---	ND	---	---	---	30%	
Chlorobenzene	ND	2.50	5.00	ug/L	10	---	ND	---	---	---	30%	
Chloroethane	ND	50.0	50.0	ug/L	10	---	ND	---	---	---	30%	
Chloroform	ND	5.00	10.0	ug/L	10	---	ND	---	---	---	30%	
Chloromethane	ND	25.0	50.0	ug/L	10	---	ND	---	---	---	30%	
2-Chlorotoluene	ND	5.00	10.0	ug/L	10	---	ND	---	---	---	30%	
4-Chlorotoluene	ND	5.00	10.0	ug/L	10	---	ND	---	---	---	30%	
Dibromochloromethane	ND	5.00	10.0	ug/L	10	---	ND	---	---	---	30%	
1,2-Dibromo-3-chloropropane	ND	25.0	50.0	ug/L	10	---	ND	---	---	---	30%	
1,2-Dibromoethane (EDB)	ND	2.50	5.00	ug/L	10	---	ND	---	---	---	30%	
Dibromomethane	ND	5.00	10.0	ug/L	10	---	ND	---	---	---	30%	
1,2-Dichlorobenzene	ND	2.50	5.00	ug/L	10	---	ND	---	---	---	30%	
1,3-Dichlorobenzene	ND	2.50	5.00	ug/L	10	---	ND	---	---	---	30%	
1,4-Dichlorobenzene	ND	2.50	5.00	ug/L	10	---	ND	---	---	---	30%	
Dichlorodifluoromethane	ND	10.0	10.0	ug/L	10	---	ND	---	---	---	30%	
1,1-Dichloroethane	ND	2.00	4.00	ug/L	10	---	ND	---	---	---	30%	
1,2-Dichloroethane (EDC)	ND	2.00	4.00	ug/L	10	---	ND	---	---	---	30%	
1,1-Dichloroethene	ND	2.00	4.00	ug/L	10	---	ND	---	---	---	30%	
cis-1,2-Dichloroethene	ND	2.00	4.00	ug/L	10	---	ND	---	---	---	30%	
trans-1,2-Dichloroethene	ND	2.00	4.00	ug/L	10	---	ND	---	---	---	30%	
1,2-Dichloropropane	ND	2.50	5.00	ug/L	10	---	ND	---	---	---	30%	
1,3-Dichloropropane	ND	5.00	10.0	ug/L	10	---	ND	---	---	---	30%	
2,2-Dichloropropane	ND	5.00	10.0	ug/L	10	---	ND	---	---	---	30%	
1,1-Dichloropropene	ND	5.00	10.0	ug/L	10	---	ND	---	---	---	30%	
cis-1,3-Dichloropropene	ND	5.00	10.0	ug/L	10	---	ND	---	---	---	30%	
trans-1,3-Dichloropropene	ND	5.00	10.0	ug/L	10	---	ND	---	---	---	30%	
Hexachlorobutadiene	ND	25.0	50.0	ug/L	10	---	ND	---	---	---	30%	
Methylene chloride	ND	50.0	100	ug/L	10	---	ND	---	---	---	30%	

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Philip Nerenberg, Lab Director

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Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

Farallon-Seattle	Project: **6050 E. Marginal Way**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0K0264 - 11 18 20 1634**

QUALITY CONTROL (QC) SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0110438 - EPA 5030B							**Water**					
Duplicate (0110438-DUP1)			Prepared: 11/12/20 13:10 Analyzed: 11/12/20 19:11									
QC Source Sample: MW-18-110420 (A0K0264-07)												
1,1,1,2-Tetrachloroethane	ND	2.00	4.00	ug/L	10	---	ND	---	---	---	30%	
1,1,2,2-Tetrachloroethane	ND	2.50	5.00	ug/L	10	---	ND	---	---	---	30%	
Tetrachloroethene (PCE)	ND	2.00	4.00	ug/L	10	---	ND	---	---	---	30%	
1,2,3-Trichlorobenzene	ND	10.0	20.0	ug/L	10	---	ND	---	---	---	30%	
1,2,4-Trichlorobenzene	ND	10.0	20.0	ug/L	10	---	ND	---	---	---	30%	
1,1,1-Trichloroethane	ND	2.00	4.00	ug/L	10	---	ND	---	---	---	30%	
1,1,2-Trichloroethane	ND	2.50	5.00	ug/L	10	---	ND	---	---	---	30%	
Trichloroethene (TCE)	ND	2.00	4.00	ug/L	10	---	ND	---	---	---	30%	
Trichlorofluoromethane	ND	10.0	20.0	ug/L	10	---	ND	---	---	---	30%	
1,2,3-Trichloropropane	ND	5.00	10.0	ug/L	10	---	ND	---	---	---	30%	
Vinyl chloride	ND	2.00	4.00	ug/L	10	---	ND	---	---	---	30%	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 112 %*		*Limits: 80-120 %*					*Dilution: 1x*		
Toluene-d8 (Surr)			*102 %*		*80-120 %*					*"*		
4-Bromofluorobenzene (Surr)			*94 %*		*80-120 %*					*"*		
Matrix Spike (0110438-MS1)			Prepared: 11/12/20 13:10 Analyzed: 11/12/20 20:06									
QC Source Sample: MW19-110420 (A0K0264-08)												
EPA 8260D												
Bromobenzene	187	2.50	5.00	ug/L	10	200	ND	93	80-120%	---	---	
Bromochloromethane	222	5.00	10.0	ug/L	10	200	ND	111	78-123%	---	---	
Bromodichloromethane	227	5.00	10.0	ug/L	10	200	ND	113	79-125%	---	---	
Bromoform	198	5.00	10.0	ug/L	10	200	ND	99	66-130%	---	---	
Bromomethane	142	50.0	50.0	ug/L	10	200	ND	71	53-141%	---	---	
Carbon tetrachloride	249	5.00	10.0	ug/L	10	200	ND	125	72-136%	---	---	Q-54
Chlorobenzene	200	2.50	5.00	ug/L	10	200	ND	100	80-120%	---	---	
Chloroethane	215	50.0	50.0	ug/L	10	200	ND	108	60-138%	---	---	
Chloroform	219	5.00	10.0	ug/L	10	200	ND	109	79-124%	---	---	
Chloromethane	203	25.0	50.0	ug/L	10	200	ND	101	50-139%	---	---	
2-Chlorotoluene	197	5.00	10.0	ug/L	10	200	ND	99	79-122%	---	---	
4-Chlorotoluene	203	5.00	10.0	ug/L	10	200	ND	101	78-122%	---	---	
Dibromochloromethane	216	5.00	10.0	ug/L	10	200	ND	108	74-126%	---	---	
1,2-Dibromo-3-chloropropane	201	25.0	50.0	ug/L	10	200	ND	101	62-128%	---	---	
1,2-Dibromoethane (EDB)	202	2.50	5.00	ug/L	10	200	ND	101	77-121%	---	---	

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Farallon-Seattle	Project: **6050 E. Marginal Way**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0K0264 - 11 18 20 1634**

QUALITY CONTROL (QC) SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0110438 - EPA 5030B							**Water**					
Matrix Spike (0110438-MS1)			Prepared: 11/12/20 13:10		Analyzed: 11/12/20 20:06							
QC Source Sample: MW19-110420 (A0K0264-08)												
Dibromomethane	208	5.00	10.0	ug/L	10	200	ND	104	79-123%	---	---	
1,2-Dichlorobenzene	192	2.50	5.00	ug/L	10	200	ND	96	80-120%	---	---	
1,3-Dichlorobenzene	200	2.50	5.00	ug/L	10	200	ND	100	80-120%	---	---	
1,4-Dichlorobenzene	188	2.50	5.00	ug/L	10	200	ND	94	79-120%	---	---	
Dichlorodifluoromethane	160	10.0	10.0	ug/L	10	200	ND	80	32-152%	---	---	Q-54c
1,1-Dichloroethane	217	2.00	4.00	ug/L	10	200	ND	109	77-125%	---	---	
1,2-Dichloroethane (EDC)	213	2.00	4.00	ug/L	10	200	ND	107	73-128%	---	---	
1,1-Dichloroethene	218	2.00	4.00	ug/L	10	200	ND	109	71-131%	---	---	
cis-1,2-Dichloroethene	199	2.00	4.00	ug/L	10	200	ND	100	78-123%	---	---	
trans-1,2-Dichloroethene	195	2.00	4.00	ug/L	10	200	ND	97	75-124%	---	---	
1,2-Dichloropropane	203	2.50	5.00	ug/L	10	200	ND	101	78-122%	---	---	
1,3-Dichloropropane	198	5.00	10.0	ug/L	10	200	ND	99	80-120%	---	---	
2,2-Dichloropropane	184	5.00	10.0	ug/L	10	200	ND	92	60-139%	---	---	
1,1-Dichloropropene	198	5.00	10.0	ug/L	10	200	ND	99	79-125%	---	---	
cis-1,3-Dichloropropene	181	5.00	10.0	ug/L	10	200	ND	90	75-124%	---	---	
trans-1,3-Dichloropropene	195	5.00	10.0	ug/L	10	200	ND	97	73-127%	---	---	
Hexachlorobutadiene	188	25.0	50.0	ug/L	10	200	ND	94	66-134%	---	---	
Methylene chloride	207	50.0	100	ug/L	10	200	ND	104	74-124%	---	---	
1,1,1,2-Tetrachloroethane	221	2.00	4.00	ug/L	10	200	ND	110	78-124%	---	---	
1,1,2,2-Tetrachloroethane	201	2.50	5.00	ug/L	10	200	ND	100	71-121%	---	---	
Tetrachloroethene (PCE)	188	2.00	4.00	ug/L	10	200	ND	94	74-129%	---	---	
1,2,3-Trichlorobenzene	199	10.0	20.0	ug/L	10	200	ND	100	69-129%	---	---	
1,2,4-Trichlorobenzene	169	10.0	20.0	ug/L	10	200	ND	84	69-130%	---	---	
1,1,1-Trichloroethane	227	2.00	4.00	ug/L	10	200	ND	114	74-131%	---	---	
1,1,2-Trichloroethane	208	2.50	5.00	ug/L	10	200	ND	104	80-120%	---	---	
Trichloroethene (TCE)	190	2.00	4.00	ug/L	10	200	ND	95	79-123%	---	---	
Trichlorofluoromethane	226	10.0	20.0	ug/L	10	200	ND	113	65-141%	---	---	
1,2,3-Trichloropropane	198	5.00	10.0	ug/L	10	200	ND	99	73-122%	---	---	
Vinyl chloride	193	2.00	4.00	ug/L	10	200	ND	96	58-137%	---	---	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 102 %*		*Limits: 80-120 %*				*Dilution: 1x*			
Toluene-d8 (Surr)			*98 %*		*80-120 %*				*"*			
4-Bromofluorobenzene (Surr)			*91 %*		*80-120 %*				*"*			

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503-718-2323
ORELAP ID: **OR100062**

Farallon-Seattle	Project: **6050 E. Marginal Way**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0K0264 - 11 18 20 1634**

QUALITY CONTROL (QC) SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0110474 - EPA 5030B							**Water**					
Blank (0110474-BLK1)			Prepared: 11/13/20 08:00		Analyzed: 11/13/20 09:49							
EPA 8260D												
Bromobenzene	ND	0.250	0.500	ug/L	1	---	---	---	---	---	---	
Bromochloromethane	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
Bromodichloromethane	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
Bromoform	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
Bromomethane	ND	5.00	5.00	ug/L	1	---	---	---	---	---	---	
Carbon tetrachloride	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
Chlorobenzene	ND	0.250	0.500	ug/L	1	---	---	---	---	---	---	
Chloroethane	ND	5.00	5.00	ug/L	1	---	---	---	---	---	---	
Chloroform	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
Chloromethane	ND	2.50	5.00	ug/L	1	---	---	---	---	---	---	
2-Chlorotoluene	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
4-Chlorotoluene	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
Dibromochloromethane	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
1,2-Dibromo-3-chloropropane	ND	2.50	5.00	ug/L	1	---	---	---	---	---	---	
1,2-Dibromoethane (EDB)	ND	0.250	0.500	ug/L	1	---	---	---	---	---	---	
Dibromomethane	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
1,2-Dichlorobenzene	ND	0.250	0.500	ug/L	1	---	---	---	---	---	---	
1,3-Dichlorobenzene	ND	0.250	0.500	ug/L	1	---	---	---	---	---	---	
1,4-Dichlorobenzene	ND	0.250	0.500	ug/L	1	---	---	---	---	---	---	
Dichlorodifluoromethane	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
1,1-Dichloroethane	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
1,2-Dichloroethane (EDC)	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
1,1-Dichloroethene	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
cis-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
trans-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
1,2-Dichloropropane	ND	0.250	0.500	ug/L	1	---	---	---	---	---	---	
1,3-Dichloropropane	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
2,2-Dichloropropane	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
1,1-Dichloropropene	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
cis-1,3-Dichloropropene	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
trans-1,3-Dichloropropene	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
Hexachlorobutadiene	ND	2.50	5.00	ug/L	1	---	---	---	---	---	---	
Methylene chloride	ND	5.00	10.0	ug/L	1	---	---	---	---	---	---	

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Philip Nerenberg, Lab Director

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

Farallon-Seattle	Project: **6050 E. Marginal Way**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0K0264 - 11 18 20 1634**

QUALITY CONTROL (QC) SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0110474 - EPA 5030B							**Water**					
Blank (0110474-BLK1)			Prepared: 11/13/20 08:00		Analyzed: 11/13/20 09:49							
1,1,1,2-Tetrachloroethane	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
1,1,2,2-Tetrachloroethane	ND	0.250	0.500	ug/L	1	---	---	---	---	---	---	
Tetrachloroethene (PCE)	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
1,2,3-Trichlorobenzene	ND	1.00	2.00	ug/L	1	---	---	---	---	---	---	
1,2,4-Trichlorobenzene	ND	1.00	2.00	ug/L	1	---	---	---	---	---	---	
1,1,1-Trichloroethane	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
1,1,2-Trichloroethane	ND	0.250	0.500	ug/L	1	---	---	---	---	---	---	
Trichloroethene (TCE)	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
Trichlorofluoromethane	ND	1.00	2.00	ug/L	1	---	---	---	---	---	---	
1,2,3-Trichloropropane	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
Vinyl chloride	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery:*	*108 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*102 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*95 %*		*80-120 %*			*"*				
LCS (0110474-BS1)			Prepared: 11/13/20 08:00		Analyzed: 11/13/20 08:51							
EPA 8260D												
Bromobenzene	18.8	0.250	0.500	ug/L	1	20.0	---	94	80-120%	---	---	
Bromochloromethane	23.5	0.500	1.00	ug/L	1	20.0	---	117	80-120%	---	---	
Bromodichloromethane	24.4	0.500	1.00	ug/L	1	20.0	---	**122**	**80-120%**	---	---	Q-56
Bromoform	21.3	0.500	1.00	ug/L	1	20.0	---	107	80-120%	---	---	
Bromomethane	17.2	5.00	5.00	ug/L	1	20.0	---	86	80-120%	---	---	
Carbon tetrachloride	25.9	0.500	1.00	ug/L	1	20.0	---	**129**	**80-120%**	---	---	Q-56
Chlorobenzene	21.0	0.250	0.500	ug/L	1	20.0	---	105	80-120%	---	---	
Chloroethane	22.6	5.00	5.00	ug/L	1	20.0	---	113	80-120%	---	---	
Chloroform	23.2	0.500	1.00	ug/L	1	20.0	---	116	80-120%	---	---	
Chloromethane	21.6	2.50	5.00	ug/L	1	20.0	---	108	80-120%	---	---	
2-Chlorotoluene	19.7	0.500	1.00	ug/L	1	20.0	---	98	80-120%	---	---	
4-Chlorotoluene	20.2	0.500	1.00	ug/L	1	20.0	---	101	80-120%	---	---	
Dibromochloromethane	23.3	0.500	1.00	ug/L	1	20.0	---	116	80-120%	---	---	
1,2-Dibromo-3-chloropropane	21.9	2.50	5.00	ug/L	1	20.0	---	109	80-120%	---	---	
1,2-Dibromoethane (EDB)	20.9	0.250	0.500	ug/L	1	20.0	---	104	80-120%	---	---	
Dibromomethane	23.0	0.500	1.00	ug/L	1	20.0	---	115	80-120%	---	---	
1,2-Dichlorobenzene	19.6	0.250	0.500	ug/L	1	20.0	---	98	80-120%	---	---	

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Philip Nerenberg, Lab Director

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503-718-2323
ORELAP ID: **OR100062**

Farallon-Seattle	Project: **6050 E. Marginal Way**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0K0264 - 11 18 20 1634**

QUALITY CONTROL (QC) SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0110474 - EPA 5030B							**Water**					
LCS (0110474-BS1)			Prepared: 11/13/20 08:00		Analyzed: 11/13/20 08:51							
1,3-Dichlorobenzene	20.4	0.250	0.500	ug/L	1	20.0	---	102	80-120%	---	---	
1,4-Dichlorobenzene	18.8	0.250	0.500	ug/L	1	20.0	---	94	80-120%	---	---	
Dichlorodifluoromethane	16.7	0.500	1.00	ug/L	1	20.0	---	83	80-120%	---	---	
1,1-Dichloroethane	22.8	0.200	0.400	ug/L	1	20.0	---	114	80-120%	---	---	
1,2-Dichloroethane (EDC)	22.7	0.200	0.400	ug/L	1	20.0	---	113	80-120%	---	---	
1,1-Dichloroethene	22.3	0.200	0.400	ug/L	1	20.0	---	112	80-120%	---	---	
cis-1,2-Dichloroethene	21.0	0.200	0.400	ug/L	1	20.0	---	105	80-120%	---	---	
trans-1,2-Dichloroethene	20.2	0.200	0.400	ug/L	1	20.0	---	101	80-120%	---	---	
1,2-Dichloropropane	21.7	0.250	0.500	ug/L	1	20.0	---	108	80-120%	---	---	
1,3-Dichloropropane	20.9	0.500	1.00	ug/L	1	20.0	---	104	80-120%	---	---	
2,2-Dichloropropane	25.3	0.500	1.00	ug/L	1	20.0	---	**126**	**80-120%**	---	---	Q-56
1,1-Dichloropropene	20.5	0.500	1.00	ug/L	1	20.0	---	103	80-120%	---	---	
cis-1,3-Dichloropropene	21.5	0.500	1.00	ug/L	1	20.0	---	107	80-120%	---	---	
trans-1,3-Dichloropropene	21.6	0.500	1.00	ug/L	1	20.0	---	108	80-120%	---	---	
Hexachlorobutadiene	18.9	2.50	5.00	ug/L	1	20.0	---	94	80-120%	---	---	
Methylene chloride	21.7	5.00	10.0	ug/L	1	20.0	---	109	80-120%	---	---	
1,1,1,2-Tetrachloroethane	23.5	0.200	0.400	ug/L	1	20.0	---	117	80-120%	---	---	
1,1,2,2-Tetrachloroethane	20.8	0.250	0.500	ug/L	1	20.0	---	104	80-120%	---	---	
Tetrachloroethene (PCE)	19.1	0.200	0.400	ug/L	1	20.0	---	96	80-120%	---	---	
1,2,3-Trichlorobenzene	20.2	1.00	2.00	ug/L	1	20.0	---	101	80-120%	---	---	
1,2,4-Trichlorobenzene	17.2	1.00	2.00	ug/L	1	20.0	---	86	80-120%	---	---	
1,1,1-Trichloroethane	24.0	0.200	0.400	ug/L	1	20.0	---	120	80-120%	---	---	
1,1,2-Trichloroethane	21.9	0.250	0.500	ug/L	1	20.0	---	109	80-120%	---	---	
Trichloroethene (TCE)	20.1	0.200	0.400	ug/L	1	20.0	---	100	80-120%	---	---	
Trichlorofluoromethane	23.1	1.00	2.00	ug/L	1	20.0	---	116	80-120%	---	---	
1,2,3-Trichloropropane	20.4	0.500	1.00	ug/L	1	20.0	---	102	80-120%	---	---	
Vinyl chloride	19.5	0.200	0.400	ug/L	1	20.0	---	98	80-120%	---	---	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 101 %*		*Limits: 80-120 %*			*Dilution: 1x*				
Toluene-d8 (Surr)			*97 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*88 %*		*80-120 %*			*"*				
Duplicate (0110474-DUP1)			Prepared: 11/13/20 10:23		Analyzed: 11/13/20 20:17							
QC Source Sample: Non-SDG (A0K0415-01)												
Bromobenzene	ND	2.50	5.00	ug/L	10	---	ND	---	---	---	30%	

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Philip Nerenberg, Lab Director

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Farallon-Seattle	Project: **6050 E. Marginal Way**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0K0264 - 11 18 20 1634**

QUALITY CONTROL (QC) SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0110474 - EPA 5030B							**Water**					
Duplicate (0110474-DUP1)			Prepared: 11/13/20 10:23 Analyzed: 11/13/20 20:17									
QC Source Sample: Non-SDG (A0K0415-01)												
Bromochloromethane	ND	5.00	10.0	ug/L	10	---	ND	---	---	---	30%	
Bromodichloromethane	ND	5.00	10.0	ug/L	10	---	ND	---	---	---	30%	
Bromoform	ND	5.00	10.0	ug/L	10	---	ND	---	---	---	30%	
Bromomethane	ND	50.0	50.0	ug/L	10	---	ND	---	---	---	30%	
Carbon tetrachloride	ND	5.00	10.0	ug/L	10	---	ND	---	---	---	30%	
Chlorobenzene	ND	2.50	5.00	ug/L	10	---	ND	---	---	---	30%	
Chloroethane	ND	50.0	50.0	ug/L	10	---	ND	---	---	---	30%	
Chloroform	ND	5.00	10.0	ug/L	10	---	ND	---	---	---	30%	
Chloromethane	ND	25.0	50.0	ug/L	10	---	ND	---	---	---	30%	
2-Chlorotoluene	ND	5.00	10.0	ug/L	10	---	ND	---	---	---	30%	
4-Chlorotoluene	ND	5.00	10.0	ug/L	10	---	ND	---	---	---	30%	
Dibromochloromethane	ND	5.00	10.0	ug/L	10	---	ND	---	---	---	30%	
1,2-Dibromo-3-chloropropane	ND	25.0	50.0	ug/L	10	---	ND	---	---	---	30%	
1,2-Dibromoethane (EDB)	ND	2.50	5.00	ug/L	10	---	ND	---	---	---	30%	
Dibromomethane	ND	5.00	10.0	ug/L	10	---	ND	---	---	---	30%	
1,2-Dichlorobenzene	ND	2.50	5.00	ug/L	10	---	ND	---	---	---	30%	
1,3-Dichlorobenzene	ND	2.50	5.00	ug/L	10	---	ND	---	---	---	30%	
1,4-Dichlorobenzene	ND	2.50	5.00	ug/L	10	---	ND	---	---	---	30%	
Dichlorodifluoromethane	ND	5.00	10.0	ug/L	10	---	ND	---	---	---	30%	
1,1-Dichloroethane	ND	2.00	4.00	ug/L	10	---	ND	---	---	---	30%	
1,2-Dichloroethane (EDC)	ND	2.00	4.00	ug/L	10	---	ND	---	---	---	30%	
1,1-Dichloroethene	ND	2.00	4.00	ug/L	10	---	ND	---	---	---	30%	
cis-1,2-Dichloroethene	**3.80**	2.00	4.00	ug/L	10	---	3.50	---	---	8	30%	J
trans-1,2-Dichloroethene	ND	2.00	4.00	ug/L	10	---	ND	---	---	---	30%	
1,2-Dichloropropane	ND	2.50	5.00	ug/L	10	---	ND	---	---	---	30%	
1,3-Dichloropropane	ND	5.00	10.0	ug/L	10	---	ND	---	---	---	30%	
2,2-Dichloropropane	ND	5.00	10.0	ug/L	10	---	ND	---	---	---	30%	
1,1-Dichloropropene	ND	5.00	10.0	ug/L	10	---	ND	---	---	---	30%	
cis-1,3-Dichloropropene	ND	5.00	10.0	ug/L	10	---	ND	---	---	---	30%	
trans-1,3-Dichloropropene	ND	5.00	10.0	ug/L	10	---	ND	---	---	---	30%	
Hexachlorobutadiene	ND	25.0	50.0	ug/L	10	---	ND	---	---	---	30%	
Methylene chloride	ND	50.0	100	ug/L	10	---	ND	---	---	---	30%	
1,1,1,2-Tetrachloroethane	ND	2.00	4.00	ug/L	10	---	ND	---	---	---	30%	

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Philip Nerenberg, Lab Director

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1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0K0264 - 11 18 20 1634**

QUALITY CONTROL (QC) SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0110474 - EPA 5030B							**Water**					
Duplicate (0110474-DUP1)			Prepared: 11/13/20 10:23 Analyzed: 11/13/20 20:17									
QC Source Sample: Non-SDG (A0K0415-01)												
1,1,2,2-Tetrachloroethane	ND	2.50	5.00	ug/L	10	---	ND	---	---	---	30%	
Tetrachloroethene (PCE)	ND	2.00	4.00	ug/L	10	---	ND	---	---	---	30%	
1,2,3-Trichlorobenzene	ND	10.0	20.0	ug/L	10	---	ND	---	---	---	30%	
1,2,4-Trichlorobenzene	ND	10.0	20.0	ug/L	10	---	ND	---	---	---	30%	
1,1,1-Trichloroethane	ND	2.00	4.00	ug/L	10	---	ND	---	---	---	30%	
1,1,2-Trichloroethane	ND	2.50	5.00	ug/L	10	---	ND	---	---	---	30%	
Trichloroethene (TCE)	ND	2.00	4.00	ug/L	10	---	ND	---	---	---	30%	
Trichlorofluoromethane	ND	10.0	20.0	ug/L	10	---	ND	---	---	---	30%	
1,2,3-Trichloropropane	ND	5.00	10.0	ug/L	10	---	ND	---	---	---	30%	
Vinyl chloride	**4.80**	2.00	4.00	ug/L	10	---	4.50	---	---	6	30%	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 99 %*		*Limits: 80-120 %*							*Dilution: 1x*
Toluene-d8 (Surr)			*103 %*		*80-120 %*							*"*
4-Bromofluorobenzene (Surr)			*99 %*		*80-120 %*							*"*
Matrix Spike (0110474-MS1)			Prepared: 11/13/20 10:23 Analyzed: 11/13/20 17:34									
QC Source Sample: Non-SDG (A0K0415-09)												
EPA 8260D												
Bromobenzene	19.2	0.250	0.500	ug/L	1	20.0	ND	96	80-120%	---	---	
Bromochloromethane	22.0	0.500	1.00	ug/L	1	20.0	ND	110	78-123%	---	---	
Bromodichloromethane	27.6	0.500	1.00	ug/L	1	20.0	5.56	110	79-125%	---	---	Q-54
Bromoform	19.0	0.500	1.00	ug/L	1	20.0	ND	95	66-130%	---	---	
Bromomethane	16.2	5.00	5.00	ug/L	1	20.0	ND	81	53-141%	---	---	
Carbon tetrachloride	23.9	0.500	1.00	ug/L	1	20.0	ND	119	72-136%	---	---	Q-54b
Chlorobenzene	19.8	0.250	0.500	ug/L	1	20.0	ND	99	80-120%	---	---	
Chloroethane	19.5	5.00	5.00	ug/L	1	20.0	ND	97	60-138%	---	---	
Chloroform	51.8	0.500	1.00	ug/L	1	20.0	33.3	93	79-124%	---	---	
Chloromethane	19.9	2.50	5.00	ug/L	1	20.0	ND	100	50-139%	---	---	
2-Chlorotoluene	20.3	0.500	1.00	ug/L	1	20.0	ND	102	79-122%	---	---	
4-Chlorotoluene	20.7	0.500	1.00	ug/L	1	20.0	ND	104	78-122%	---	---	
Dibromochloromethane	22.1	0.500	1.00	ug/L	1	20.0	0.630	108	74-126%	---	---	
1,2-Dibromo-3-chloropropane	22.8	2.50	5.00	ug/L	1	20.0	ND	114	62-128%	---	---	
1,2-Dibromoethane (EDB)	19.9	0.250	0.500	ug/L	1	20.0	ND	99	77-121%	---	---	
Dibromomethane	19.6	0.500	1.00	ug/L	1	20.0	ND	98	79-123%	---	---	

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Philip Nerenberg, Lab Director

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

Farallon-Seattle	Project: **6050 E. Marginal Way**	
1809 7th Ave Suite 1111	Project Number: **1071-010**	**Report ID:**
Seattle, WA 98101	Project Manager: **Pete Kingston**	**A0K0264 - 11 18 20 1634**

QUALITY CONTROL (QC) SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0110474 - EPA 5030B							**Water**					
Matrix Spike (0110474-MS1)			Prepared: 11/13/20 10:23		Analyzed: 11/13/20 17:34							
QC Source Sample: Non-SDG (A0K0415-09)												
1,2-Dichlorobenzene	19.8	0.250	0.500	ug/L	1	20.0	ND	99	80-120%	---	---	
1,3-Dichlorobenzene	20.7	0.250	0.500	ug/L	1	20.0	ND	103	80-120%	---	---	
1,4-Dichlorobenzene	19.0	0.250	0.500	ug/L	1	20.0	ND	95	79-120%	---	---	
Dichlorodifluoromethane	14.4	0.500	1.00	ug/L	1	20.0	ND	72	32-152%	---	---	
1,1-Dichloroethane	20.8	0.200	0.400	ug/L	1	20.0	ND	104	77-125%	---	---	
1,2-Dichloroethane (EDC)	20.4	0.200	0.400	ug/L	1	20.0	ND	102	73-128%	---	---	
1,1-Dichloroethene	20.0	0.200	0.400	ug/L	1	20.0	ND	100	71-131%	---	---	
cis-1,2-Dichloroethene	20.1	0.200	0.400	ug/L	1	20.0	ND	100	78-123%	---	---	
trans-1,2-Dichloroethene	19.3	0.200	0.400	ug/L	1	20.0	ND	96	75-124%	---	---	
1,2-Dichloropropane	19.8	0.250	0.500	ug/L	1	20.0	ND	99	78-122%	---	---	
1,3-Dichloropropane	19.7	0.500	1.00	ug/L	1	20.0	ND	98	80-120%	---	---	
2,2-Dichloropropane	20.2	0.500	1.00	ug/L	1	20.0	ND	101	60-139%	---	---	Q-54a
1,1-Dichloropropene	19.8	0.500	1.00	ug/L	1	20.0	ND	99	79-125%	---	---	
cis-1,3-Dichloropropene	19.5	0.500	1.00	ug/L	1	20.0	ND	97	75-124%	---	---	
trans-1,3-Dichloropropene	19.7	0.500	1.00	ug/L	1	20.0	ND	98	73-127%	---	---	
Hexachlorobutadiene	20.0	2.50	5.00	ug/L	1	20.0	ND	100	66-134%	---	---	
Methylene chloride	20.5	5.00	10.0	ug/L	1	20.0	ND	102	74-124%	---	---	
1,1,1,2-Tetrachloroethane	21.6	0.200	0.400	ug/L	1	20.0	ND	108	78-124%	---	---	
1,1,2,2-Tetrachloroethane	20.2	0.250	0.500	ug/L	1	20.0	ND	101	71-121%	---	---	
Tetrachloroethene (PCE)	18.9	0.200	0.400	ug/L	1	20.0	ND	94	74-129%	---	---	
1,2,3-Trichlorobenzene	21.6	1.00	2.00	ug/L	1	20.0	ND	108	69-129%	---	---	
1,2,4-Trichlorobenzene	20.2	1.00	2.00	ug/L	1	20.0	ND	101	69-130%	---	---	
1,1,1-Trichloroethane	22.2	0.200	0.400	ug/L	1	20.0	ND	111	74-131%	---	---	
1,1,2-Trichloroethane	20.4	0.250	0.500	ug/L	1	20.0	ND	102	80-120%	---	---	
Trichloroethene (TCE)	18.9	0.200	0.400	ug/L	1	20.0	ND	95	79-123%	---	---	
Trichlorofluoromethane	20.4	1.00	2.00	ug/L	1	20.0	ND	102	65-141%	---	---	
1,2,3-Trichloropropane	20.0	0.500	1.00	ug/L	1	20.0	ND	100	73-122%	---	---	
Vinyl chloride	17.9	0.200	0.400	ug/L	1	20.0	ND	89	58-137%	---	---	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 101 %*		*Limits: 80-120 %*				*Dilution: 1x*			
Toluene-d8 (Surr)			*97 %*		*80-120 %*				*"*			
4-Bromofluorobenzene (Surr)			*93 %*		*80-120 %*				*"*			

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SAMPLE PREPARATION INFORMATION

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Prep: EPA 3510C (Fuels/Acid Ext.)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 0110275							
A0K0264-05	Water	NWTPH-Dx LL	11/04/20 12:00	11/09/20 10:25	1060mL/2mL	1000mL/2mL	0.94
A0K0264-06	Water	NWTPH-Dx LL	11/04/20 12:43	11/09/20 10:25	1060mL/2mL	1000mL/2mL	0.94
A0K0264-07	Water	NWTPH-Dx LL	11/04/20 13:20	11/09/20 10:25	1060mL/2mL	1000mL/2mL	0.94
A0K0264-08	Water	NWTPH-Dx LL	11/04/20 13:52	11/09/20 10:25	1060mL/2mL	1000mL/2mL	0.94
Batch: 0110337							
A0K0264-01	Water	NWTPH-Dx LL	11/04/20 10:20	11/10/20 12:43	1050mL/2mL	1000mL/2mL	0.95
A0K0264-02	Water	NWTPH-Dx LL	11/04/20 10:42	11/10/20 12:43	1070mL/2mL	1000mL/2mL	0.94
A0K0264-03	Water	NWTPH-Dx LL	11/04/20 11:10	11/10/20 12:43	1070mL/2mL	1000mL/2mL	0.94
A0K0264-04	Water	NWTPH-Dx LL	11/04/20 11:48	11/10/20 12:43	1070mL/2mL	1000mL/2mL	0.94

Halogenated Volatile Organic Compounds by EPA 8260D

Prep: EPA 5030B

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 0110474							
A0K0264-01RE1	Water	EPA 8260D	11/04/20 10:20	11/13/20 09:30	5mL/5mL	5mL/5mL	1.00
A0K0264-02RE1	Water	EPA 8260D	11/04/20 10:42	11/13/20 09:30	5mL/5mL	5mL/5mL	1.00
A0K0264-03RE1	Water	EPA 8260D	11/04/20 11:10	11/13/20 09:30	5mL/5mL	5mL/5mL	1.00
A0K0264-04RE1	Water	EPA 8260D	11/04/20 11:48	11/13/20 09:30	5mL/5mL	5mL/5mL	1.00
A0K0264-05RE1	Water	EPA 8260D	11/04/20 12:00	11/13/20 09:30	5mL/5mL	5mL/5mL	1.00
A0K0264-06RE1	Water	EPA 8260D	11/04/20 12:43	11/13/20 09:30	5mL/5mL	5mL/5mL	1.00
A0K0264-07RE1	Water	EPA 8260D	11/04/20 13:20	11/13/20 09:30	5mL/5mL	5mL/5mL	1.00
A0K0264-08RE1	Water	EPA 8260D	11/04/20 13:52	11/13/20 09:30	5mL/5mL	5mL/5mL	1.00

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QUALIFIER DEFINITIONS

Client Sample and Quality Control (QC) Sample Qualifier Definitions:

Apex Laboratories

F-11	The hydrocarbon pattern indicates possible weathered diesel, mineral oil, or a contribution from a related component.
J	Estimated Result. Result detected below the lowest point of the calibration curve, but above the specified MDL.
Q-19	Blank Spike Duplicate (BSD) sample analyzed in place of Matrix Spike/Duplicate samples due to limited sample amount available for analysis.
Q-54	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260/8270 by +2%. The results are reported as Estimated Values.
Q-54a	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260/8270 by +6%. The results are reported as Estimated Values.
Q-54b	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260/8270 by +9%. The results are reported as Estimated Values.
Q-54c	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260/8270 by -2%. The results are reported as Estimated Values.
Q-55	Daily CCV/LCS recovery for this analyte was below the +/-20% criteria listed in EPA 8260, however there is adequate sensitivity to ensure detection at the reporting level.
Q-56	Daily CCV/LCS recovery for this analyte was above the +/-20% criteria listed in EPA 8260

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REPORTING NOTES AND CONVENTIONS:

Abbreviations:

DET Analyte DETECTED at or above the detection or reporting limit.

ND Analyte NOT DETECTED at or above the detection or reporting limit.

NR Result Not Reported

RPD Relative Percent Difference. RPDs for Matrix Spikes and Matrix Spike Duplicates are based on concentration, not recovery.

Detection Limits: Limit of Detection (LOD)

Limits of Detection (LODs) are normally set at a level of one half the validated Limit of Quantitation (LOQ).
If no value is listed ('-----'), then the data has not been evaluated below the Reporting Limit.

Reporting Limits: Limit of Quantitation (LOQ)

Validated Limits of Quantitation (LOQs) are reported as the Reporting Limits for all analyses where the LOQ, MRL, PQL or CRL are requested. The LOQ represents a level at or above the low point of the calibration curve, that has been validated according to Apex Laboratories' comprehensive LOQ policies and procedures.

Reporting Conventions:

Basis: Results for soil samples are generally reported on a 100% dry weight basis.
The Result Basis is listed following the units as " dry", " wet", or " " (blank) designation.

" dry" Sample results and Reporting Limits are reported on a dry weight basis. (i.e. "ug/kg dry")
See Percent Solids section for details of dry weight analysis.

" wet" Sample results and Reporting Limits for this analysis are normally dry weight corrected, but have not been modified in this case.

" " Results without 'wet' or 'dry' designation are not normally dry weight corrected. These results are considered 'As Received'.

QC Source:

In cases where there is insufficient sample provided for Sample Duplicates and/or Matrix Spikes, a Lab Control Sample Duplicate (LCS Dup) may be analyzed to demonstrate accuracy and precision of the extraction batch.

Non-Client Batch QC Samples (Duplicates and Matrix Spike/Duplicates) may not be included in this report. Please request a Full QC report if this data is required.

Miscellaneous Notes:

" --- " QC results are not applicable. For example, % Recoveries for Blanks and Duplicates, % RPD for Blanks, Blank Spikes and Matrix Spikes, etc.

" *** " Used to indicate a possible discrepancy with the Sample and Sample Duplicate results when the %RPD is not available. In this case, either the Sample or the Sample Duplicate has a reportable result for this analyte, while the other is Non Detect (ND).

Blanks:

Standard practice is to evaluate the results from Blank QC Samples down to a level equal to ½ the Reporting Limit (RL).
-For Blank hits falling between ½ the RL and the RL (J flagged hits), the associated sample and QC data will receive a 'B-02' qualifier.
-For Blank hits above the RL, the associated sample and QC data will receive a 'B' qualifier, per Apex Laboratories' Blank Policy.
For further details, please request a copy of this document.

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REPORTING NOTES AND CONVENTIONS (Cont.):

Blanks (Cont.):

Sample results flagged with a 'B' or 'B-02' qualifier are potentially biased high if the sample results are less than ten times the level found in the blank for inorganic analyses, or less than five times the level found in the blank for organic analyses.

'B' and 'B-02' qualifications are only applied to sample results detected above the Reporting Level.

Preparation Notes:

Mixed Matrix Samples:

Water Samples:

Water samples containing significant amounts of sediment are decanted or separated prior to extraction, and only the water portion analyzed, unless otherwise directed by the client.

Soil and Sediment Samples:

Soil and Sediment samples containing significant amounts of water are decanted prior to extraction, and only the solid portion analyzed, unless otherwise directed by the client.

Sampling and Preservation Notes:

Certain regulatory programs, such as National Pollutant Discharge Elimination System (NPDES), require that activities such as sample filtration (for dissolved metals, orthophosphate, hexavalent chromium, etc.) and testing of short hold analytes (pH, Dissolved Oxygen, etc.) be performed in the field (on-site) within a short time window. In addition, sample matrix spikes are required for some analyses, and sufficient volume must be provided, and billable site specific QC requested, if this is required. All regulatory permits should be reviewed to ensure that these requirements are being met.

Data users should be aware of which regulations pertain to the samples they submit for testing. If related sample collection activities are not approved for a particular regulatory program, results should be considered estimates. Apex Laboratories will qualify these analytes according to the most stringent requirements, however results for samples that are for non-regulatory purposes may be acceptable.

Samples that have been filtered and preserved at Apex Laboratories per client request are listed in the preparation section of the report with the date and time of filtration listed.

Apex Laboratories maintains detailed records on sample receipt, including client label verification, cooler temperature, sample preservation, hold time compliance and field filtration. Data is qualified as necessary, and the lack of qualification indicates compliance with required parameters.

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LABORATORY ACCREDITATION INFORMATION

ORELAP Certification ID: OR100062 (Primary Accreditation) - EPA ID: OR01039

All methods and analytes reported from work performed at Apex Laboratories are included on Apex Laboratories' ORELAP Scope of Certification, with the exception of any analyte(s) listed below:

Apex Laboratories

Matrix	Analysis	TNI_ID	Analyte	TNI_ID	Accreditation

All reported analytes are included in Apex Laboratories' current ORELAP scope.

Secondary Accreditations

Apex Laboratories also maintains reciprocal accreditation with non-TNI states (Washington DOE), as well as other state specific accreditations not listed here.

Subcontract Laboratory Accreditations

Subcontracted data falls outside of Apex Laboratories' Scope of Accreditation.
Please see the Subcontract Laboratory report for full details, or contact your Project Manager for more information.

Field Testing Parameters

Results for Field Tested data are provded by the client or sampler, and fall outside of Apex Laboratories' Scope of Accreditation.

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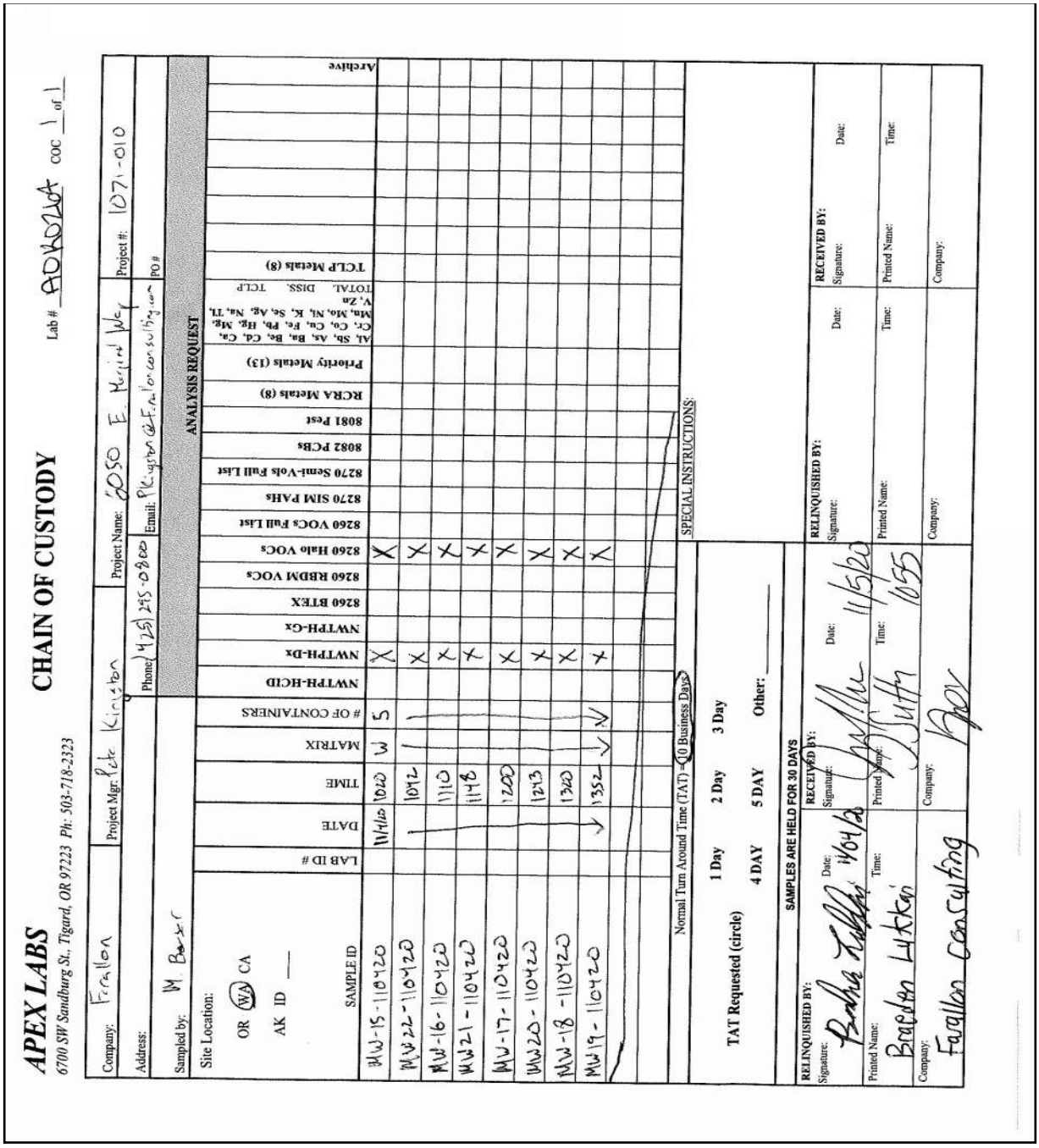

APEX LABS
6700 SW Sandburg St., Tigard, OR 97223 Ph: 503-718-2323

CHAIN OF CUSTODY

Lab # A0K0264 COC 1 of 1

Company: Farallon | Project Mgr: Pete Kingston | Project Name: 6050 E. Marginal Way | Project #: 1071-010
Address: | Phone: (425) 295-0800 | Email: PKingston@farallonconsulting.com | PO #
Sampled by: M. Baker

ANALYSIS REQUEST

SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	8260 BTEX	8260 RBDM VOCs	8260 Halo VOCs	8260 VOCs Full List	8270 SIM PAHs	8270 Semi-Vols Full List	8082 PCBs	8081 Pest	RCRA Metals (8)	Priority Metals (13)	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn TOTAL DISS. TCLP	TCLP Metals (8)	Archive
MW-15-110620		11/4/20	1020	W	5		X				X									
MW22-110420			1052		1		X				X									
MW-16-110420			1110				X				X									
MW21-110420			1148				X				X									
MW-17-110420			1200				X				X									
MW20-110420			1243				X				X									
MW-18-110420			1320				X				X									
MW19-110420		↓	1352	↓	↓		X				X									

Normal Turn Around Time (TAT) = 10 Business Days

TAT Requested (circle): 1 Day 2 Day 3 Day 4 DAY 5 DAY Other: _____

SPECIAL INSTRUCTIONS:

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY: Signature:	Date: 11/4/20	RECEIVED BY: Signature:	Date: 11/5/20	RELINQUISHED BY: Signature:	Date:	RECEIVED BY: Signature:	Date:
Printed Name: Braden Lutker	Time: 1700	Printed Name:	Time: 1055	Printed Name:	Time:	Printed Name:	Time:
Company: Farallon Consulting		Company:		Company:		Company:	

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APEX LABS COOLER RECEIPT FORM

Client: Farallon Element WO#: A0K0264

Project/Project #: 6050 E. Marginal Way

Delivery Info:

Date/time received: 11/5/20 @ 1055 By: JS

Delivered by: Apex___ Client___ ESS___ FedEx X UPS___ Swift___ Senvoy___ SDS___ Other___

Cooler Inspection Date/time inspected: 11/5/20 @ 1055 By: ___

Chain of Custody included? Yes X No ___ Custody seals? Yes ✓ No___

Signed/dated by client? Yes X No ___

Signed/dated by Apex? Yes X No ___

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (°C)	3.7	4.3					
Received on ice? (Y/N)	Y	Y					
Temp. blanks? (Y/N)	N	N					
~~Ice type: (Gel/Real/Other)~~	Real	Real					
Condition:	good	good					

Cooler out of temp? (Y/N) Possible reason why: ___

If some coolers are in temp and some out, were green dots applied to out of temperature samples? Yes/No/NA

Out of temperature samples form initiated? Yes/No/NA

Samples Inspection: Date/time inspected: 11-6-20 @ 16:16 By: TAG

All samples intact? Yes X No ___ Comments: ___

Bottle labels/COCs agree? Yes X No ___ Comments: ___

COC/container discrepancies form initiated? Yes ___ No X

Containers/volumes received appropriate for analysis? Yes X No ___ Comments: ___

Do VOA vials have visible headspace? Yes ___ No X NA ___

Comments ___

Water samples: pH checked: Yes X No ___ NA ___ pH appropriate? Yes X No ___ NA ___

Comments: ___

Additional information: #3985 7991 9144

Labeled by: TAG Witness: AOC Cooler Inspected by: WY See Project Contact Form: Y

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